

RECEIVED

DEC 10 2013

RECEIVED  
 DEPARTMENT OF TRANSPORTATION  
 STATE OF GEORGIA  
 TIA PROJECT CONCEPT REPORT  
 Minor Project (Local Roads Only)

GEORGIA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF ENGINEERING

CHIEF ENGINEER'S  
 OFFICE  
**TIA**

Date of Report:	<u>11-20-13</u>	Let Responsibility:	<u>Local</u>
Project Type:	<u>Bike-Ped Facility</u>	P.I. Number:	<u>0011433</u>
GDOT District:	<u>District 3</u>	County:	<u>Muscogee</u>
Federal Route Number:	<u>N/A</u>	MPO ID Number:	<u>RC08-000054</u>
State Route Number:	<u>N/A</u>	TIA Funds:	<u>\$10,000,000</u>
TIA Funds:	<u>\$10,000,000</u>		
Other Funds:	<u>\$-0-</u>		

Project Description (provide a very brief description of the project)

Extension of the riverwalk behind the Bibb and City Mills to complete the riverwalk.

Submitted for Review/Approval:

<u>[Signature]</u> District Engineer/Consultant Designer & Firm	<u>22 NOV. 2013</u> DATE
<u>[Signature]</u> Local Government Representative	<u>11/22/13</u> DATE
<u>[Signature]</u> TIA Project Manager (Consultant)	<u>12/3/13</u> DATE
<u>[Signature]</u> TIA Program Manager (Consultant)	<u>03 DEC 2013</u> DATE
<u>[Signature]</u> GDOT TIA Regional Coordinator	<u>12/03/2013</u> DATE
<u>[Signature]</u> GDOT State TIA Administrator	<u>12/5/2013</u> DATE

Approval:

Concur: <u>[Signature]</u> GDOT Director of Engineering	<u>12/6/2013</u> DATE
Approve: <u>[Signature]</u> GDOT Chief Engineer	<u>12/12/13</u> DATE

County: Muscogee

### PROJECT LOCATION

*The project consists of two sites located on the east bank of the Chattahoochee River in Columbus Georgia. One is located at the site of Bibb Mill and one at the site of City Mill. Refer to attached Project Site Plans.*



## PLANNING & BACKGROUND DATA

### Description of the proposed project:

#### ***Bibb Mill:***

***The proposed TIA project will consist of a new riverwalk trail approximately 2000 feet in length connecting the existing Riverwalk to the north and south. The new riverwalk trail will go thru a portion of the existing remains of the Bibb Mill structure. The new riverwalk project will consist of a 12'-0" wide concrete and asphalt path. All construction will be in accordance with the current Americans with Disabilities Act requirements. The project will have amenities such as area lighting, benches, trash receptacles, and landscaping appropriate to the area and consistent with standards used on other adjacent riverwalk projects. From this project site, the Riverwalk proceeds south for approximately 13 miles to the Fort Benning National Infantry Museum and north for approximately 3 miles to the Lake Oliver Marina.***

#### ***City Mill:***

***The proposed TIA project will consist of approximately 750 feet in length connecting the existing Riverwalk to the north and south. The new riverwalk trail will be located between the existing City Mill buildings. The new riverwalk project will consist of a 12'-0" wide concrete and asphalt path. All construction will be in accordance with the current Americans with Disabilities Act requirements. The project will also provide parking and street access to existing First Avenue, providing the public with access to this area of the riverwalk. The project will have amenities such as area lighting, benches, trash receptacles, and landscaping appropriate to the area and consistent with standards used on other adjacent riverwalk projects. From this project site, the Riverwalk proceeds south for approximately 12 miles to the Fort Benning National Infantry Museum and north for approximately 4 miles to the Lake Oliver Marina.***

**Federal Oversight:**  Exempt  State Funded  TIA  Other

**Regional Commission:** River Valley Regional Commission  
RC Project ID RC08-000054

**Congressional District(s):** GA2

**Projected Traffic:** *(if necessary)* ADT or AADT N/A

Current Year (20WW): N/A Open Year (20XX): N/A

Design Year (20YY): N/A

Traffic Projections Performed by: N/A

County: Muscogee

**Functional Classification (Mainline):** *Functional Classification*  
 N/A

**DESIGN AND STRUCTURAL DATA** - *Delete table if not applicable to project*  
**Mainline Design Features:** *Roadway name/ID - delete any rows in table that are not applicable.*

N/A

**Major Structures:** *(If no major structures on project, N/A and delete table below)*

Structure ID	Existing	Proposed
N/A	None	<b>Bibb Mill: 6 pedestrian bridge sections. See attached plan.</b>  <b>City Mill: None.</b>

**Utility Involvements:**

SUE Required:      No      Yes

**Railroad Involvement:** N/A

**Complete Streets - Bicycle, Pedestrian, and/or Transit Warrants:** N/A

Warrants met:  None      Bicycle      Pedestrian      Transit

**Right-of-Way:**

Required Right-of-Way anticipated:      No      Yes

Undetermined

Easements anticipated:      None      Temporary      Permanent

Utility      Other

Anticipated number of impacted parcels:	12
Displacements Anticipated:	0
Businesses:	0
Residences:	0
Other:	0

**Design Exceptions to FHWA/AASHTO controlling criteria anticipated:**

No      Yes

*If yes describe the exception needed:*

**Design Variances to GDOT Standard Criteria anticipated:**

No       Yes

*If yes describe the variance needed:*

**ENVIRONMENTAL DATA**

Local Certification

**Anticipated Environmental Document: N/A**

GEPA:  Type A Letter       Type B Letter  
NEPA:  CE       EA/FONSI

**Project Air Quality: (On-system projects only)**

Is the project located in a PM 2.5 Non-attainment area?       No  
Is the project located in an Ozone Non-attainment area?       No       Yes  
Is a Carbon Monoxide hotspot analysis required?       No       Yes

**MS4 Compliance – Is the project located in an MS4 area?**       No       Yes

**Environmental Permits/Variations/Commitments/Coordination anticipated**

*(Include description of potential for 404 Permit, Stream Buffer Variance, and Section 4(f):*

***N/A-Project is not located within ACOE jurisdictional areas or within 25 foot State Buffer. There is no Section 4(f) involvement due to no Federal Dollars involved.***

**NEPA/GEPA Comments & Information:** *(Describe anticipated effects to ecology, history, archeology, air & noise, public involvement, etc. & the effect on the environmental document)*

***N/A: This is not a NEPA/GEPA project.***

**Other projects in the area:**

***Various sections of Columbus Riverwalk (completed)***

**Other coordination to date:**

***7/10/2013 Concept Meeting. See attached meeting minutes.***

County: Muscogee

**Project Cost Estimate and Funding Responsibilities:**

	<b>Breakdown of PE</b>	<b>ROW</b>	<b>Reimbursable Utility</b>	<b>CST*</b>	<b>Environmental Mitigation</b>	<b>Total Cost</b>
By Whom	HBA	City of Columbus	-	HBA	-	
\$ Amount	\$1,067,796	\$600,000	0	\$8,177,961	0	\$9,845,757
Date of Estimate	10/10/2013	10/10/2013	-	10/10/2013	-	

\*CST Cost includes: Construction, Engineering and Inspection.

**Comments/additional information:****Attachments:**

1. Riverwalk- Bibb Mill Concept Layout 10/10/2013
2. Riverwalk- City Mills Concept Layout 10/10/2013
3. Riverwalk- Bibb Mill Section 10/10/2013
4. Riverwalk- City Mills Section 10/10/2013
5. Riverwalk- Bibb Mill Budget Estimate 10/10/2013
6. Riverwalk- City Mills Budget Estimate 10/10/2013
7. Riverwalk- Bibb Mill Survey 10/10/2013
8. Riverwalk- City Mills Survey 10/10/2013
9. Meeting Minutes 7/10/2013



**Riverwalk Bibb Mill  
Schematic Design Budget Estimate**

**10 October, 2013  
PI # 0011433**

**Overall Estimates:**

North of Mill	\$2,150,544
Mill Overlook	\$380,908
South of Mill	\$4,243,360

**Construction Total** **\$6,774,812**

Design and engineering	\$677,481
GDOT hourly	\$50,000
Survey, geotech, testing	\$75,000
Property Acquisition	\$600,000

**Project Total** **\$8,177,293**

**Riverwalk Bibb Mill  
Schematic Design Budget Estimate**

10 October, 2013  
PI # 0011433

Category	SF/LF	SY/CY	LS	EA	AT	Construction Cost	Comments
<b>South of Mill</b>							
<b>Bridges</b>							
	<b>\$2,274,000</b>						
Prefab bridge sections				3	\$200,000	\$800,000	Similar to Steadfast bowstring sections
Installation and crane			X			\$100,000	
Concrete sidewalks	4,800				\$8	\$38,000	On centering
Piers				2	\$400,000	\$800,000	
Foundation each end				2	\$300,000	\$600,000	
Miscellaneous electrical			X			\$20,000	
Georgia Power light base				4	\$2,000	\$8,000	Concrete base and empty conduit
Bridge "Show" lighting			X			\$100,000	
Benches				4	\$1,800	\$8,400	
Trash Receptacles				2	\$1,800	\$3,600	
<b>Riverwalk and Site Work</b>							
	<b>\$186,800</b>						
Strip hillside	80,000				\$0	\$18,000	Strip hillside to prep for construction
Site cut and fill operation			X			\$100,000	
Rock and blast allowance			X			\$150,000	
Concrete sidewalks	10,000				\$12	\$120,000	SF 13" thick with reinforcing - streetscape patterning
Grading and base	1,800				\$15	\$24,000	12" below slab
Miscellaneous electrical			X			\$10,000	
Fencing	400				\$40	\$16,000	8ft polycoated chainlink fence
Benches				8	\$1,800	\$9,600	
Trash Receptacles				2	\$1,800	\$3,600	
Bike racks				2	\$1,800	\$3,600	
<b>Landscaping</b>							
	<b>\$142,000</b>						
Shrubs and planting			X			\$40,000	SF
Reseed grassed area	80,000				\$0	\$36,000	
Landscaping - trees				65	\$1,200	\$86,000	
<b>Storm Drainage</b>							
	<b>\$148,000</b>						
Drain Lines	1,000				\$100	\$100,000	
Manholes				4	\$8,000	\$24,000	
Storm Drain Inlets				10	\$2,000	\$20,000	
Storm Drain Outlets				1	\$4,000	\$4,000	
<b>Reinforced Earth Wall</b>							
	<b>\$838,800</b>						
Excavation		2,000			\$12	\$24,000	((400 LF x 15' x 8')) / 27
New RE Walls	6,000				\$125	\$750,000	360 LF - 15' high average
RE Wall cap	360				\$100	\$36,000	
Misc structural backfill		1,200			\$24	\$28,800	CY Structural Fill - Imported
<b>Total</b>						<b>\$3,857,600</b>	<b>\$4,243,360</b>
							<b>10% Contingency</b>
							<b>5% Estimating</b>
							<b>5% Construction</b>
							<b>Total</b>

**Riverwalk Bibb Mill  
Schematic Design Budget Estimate**

10 October, 2013  
PI # 0011433

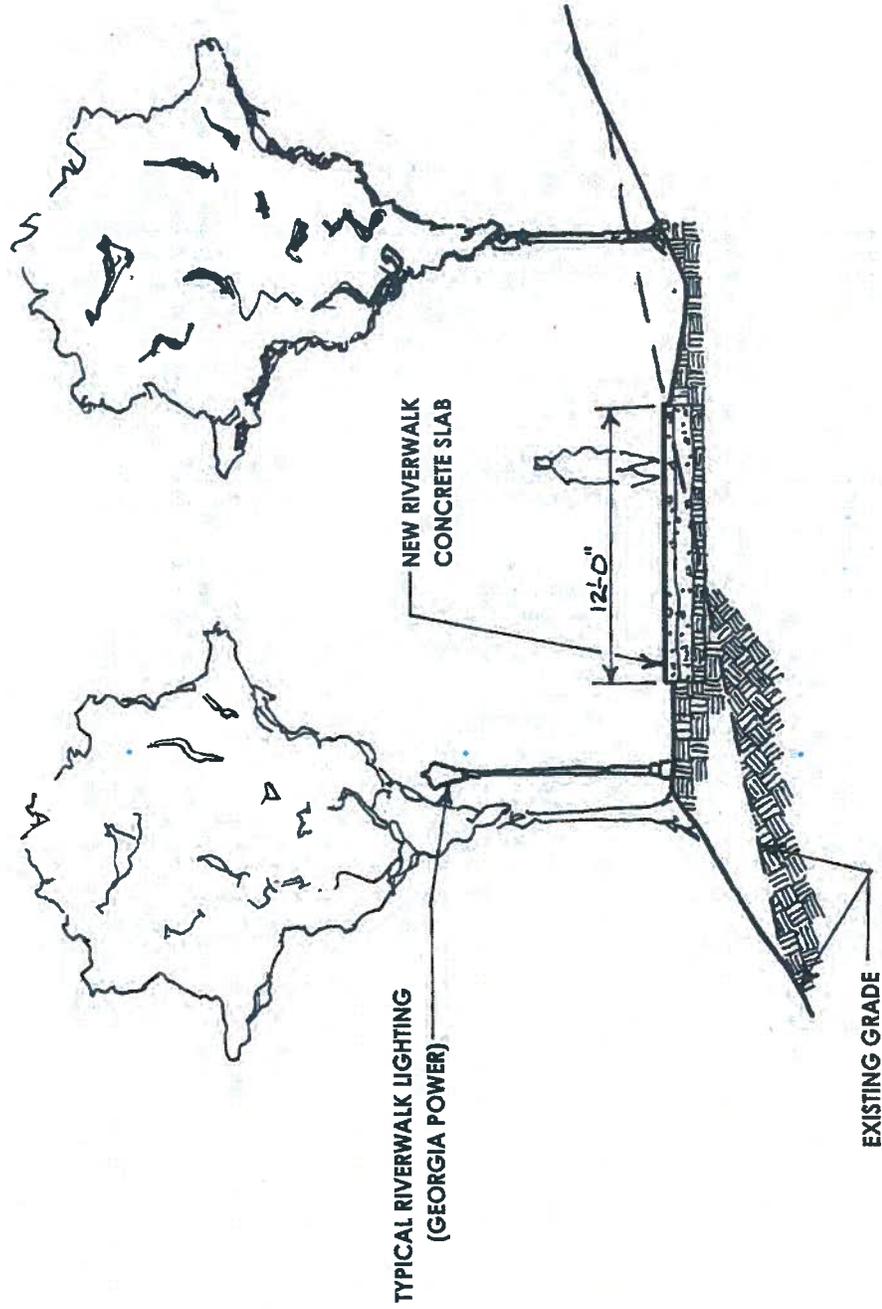
Category	SF/LF	SY/CY	LS	EA	AT	Construction Cost	Comments	
<b>Mill Overlook</b>								
<b>Riverwalk and Site Work</b>	<b>\$265,280</b>							
Brick / Concrete sidewalks	1,700				\$20	\$34,000	SF 13" thick with reinforcing - streetscape patterning 12" below slab	
Grading and base		112			\$15	\$1,680		
Demolition / cut material			X			\$50,000		
Repair masonry walls			X			\$50,000		
Window protection				6	\$3,000	\$18,000		
Georgia Power light base				4	\$2,000	\$8,000	Concrete base and empty conduit	
"Show" lights at mill walls and trees			X			\$40,000		
Miscellaneous electrical			X			\$30,000		
Benches				8	\$1,600	\$12,800		
Picnic tables				4	\$2,500	\$10,000		
Trash Receptacles				4	\$1,800	\$7,200		
Bike racks				2	\$1,800	\$3,600		
<b>Landscaping</b>	<b>\$43,000</b>							
Landscaping - trees				15	\$1,200	\$18,000		
Planting			X			\$25,000		
<b>Storm Drainage</b>	<b>\$38,000</b>							
Drain Lines	200				\$100	\$20,000		
Manholes	200			1	\$6,000	\$6,000		
Storm Drain Inlets				4	\$2,000	\$8,000		
Storm Drain Outlets				1	\$4,000	\$4,000		
<b>Phase One</b>						<b>\$346,280</b>	<b>\$34,828</b>	<b>\$380,908</b>
							10% Contingency	Total
							5% Estimating	
							5% Construction	

**Riverwalk Bibb Mill  
Schematic Design Budget Estimate**

**10 October, 2013  
PI # 0011433**

Category	SF/LF	SY/CY	LS	EA	AT	Construction Cost	Comments
<b>North of Mill</b>							
<b>Riverwalk and Site Work</b>							
	<b>\$184,400</b>						
Truck access to north of dam			X			\$20,000	
Site cut and fill operation			X			\$20,000	
Rock and blast allowance			X			\$40,000	
Concrete sidewalks	1,200				\$8	\$9,600	On centering
Miscellaneous electrical			X			\$30,000	
Fencing	1,200				\$40	\$48,000	6ft polycoated chainlink fence
Benches				8		\$1,600	
Trash Receptacles				2		\$1,800	
Bike racks				2		\$1,800	
						\$20,000	
						\$20,000	
						\$40,000	
						\$9,600	
						\$30,000	
						\$48,000	
						\$1,600	
						\$1,800	
						\$1,800	
						\$20,000	
						\$100,000	
						\$36,000	
	4,500				\$8	\$36,000	On centering
Piers				2		\$100,000	
Foundation north end				1		\$50,000	
Foundation south end				1		\$240,000	
Georgia Power light base				4		\$2,000	
Miscellaneous electrical				X		\$20,000	Concrete base and empty conduit
Benches				4		\$1,600	
Trash Receptacles				2		\$1,800	
Bridge "Show" lighting				X		\$100,000	
						\$30,000	
						\$30,000	
						\$1,200	
						\$30,000	
						\$100	
	200					\$20,000	
				2		\$8,000	
				7		\$2,000	
				1		\$4,000	
						\$8,880	((200 LF x 10' x 10') / 27
	2,000					\$125	200 LF - 10' high average
	200					\$100	
		740				\$24	CY Structural Fill - Imported
						\$17,760	
						\$195,040	
						\$195,504	
						\$2,150,544	
							10% Contingency
							5% Estimating
							5% Construction
							<b>Total</b>

10% Contingency  
5% Estimating  
5% Construction

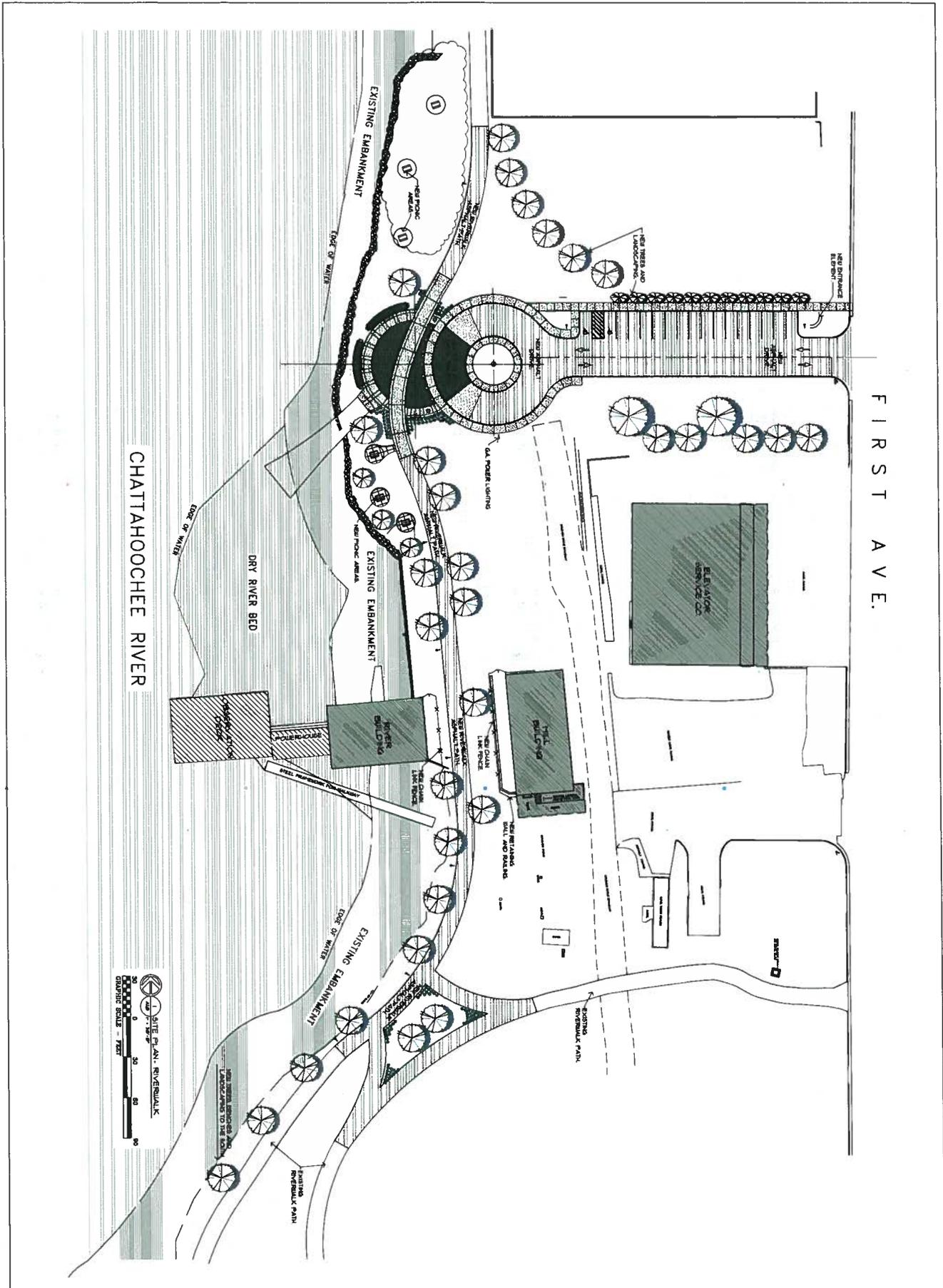


SECTION  
3/16" = 1'-0"

**RIVERWALK - BIBB MILL**

COLUMBUS, GEORGIA  
P.L. #0011433  
OCTOBER 10, 2013





CHATTAHOOCHEE RIVER

FIRST AVE.



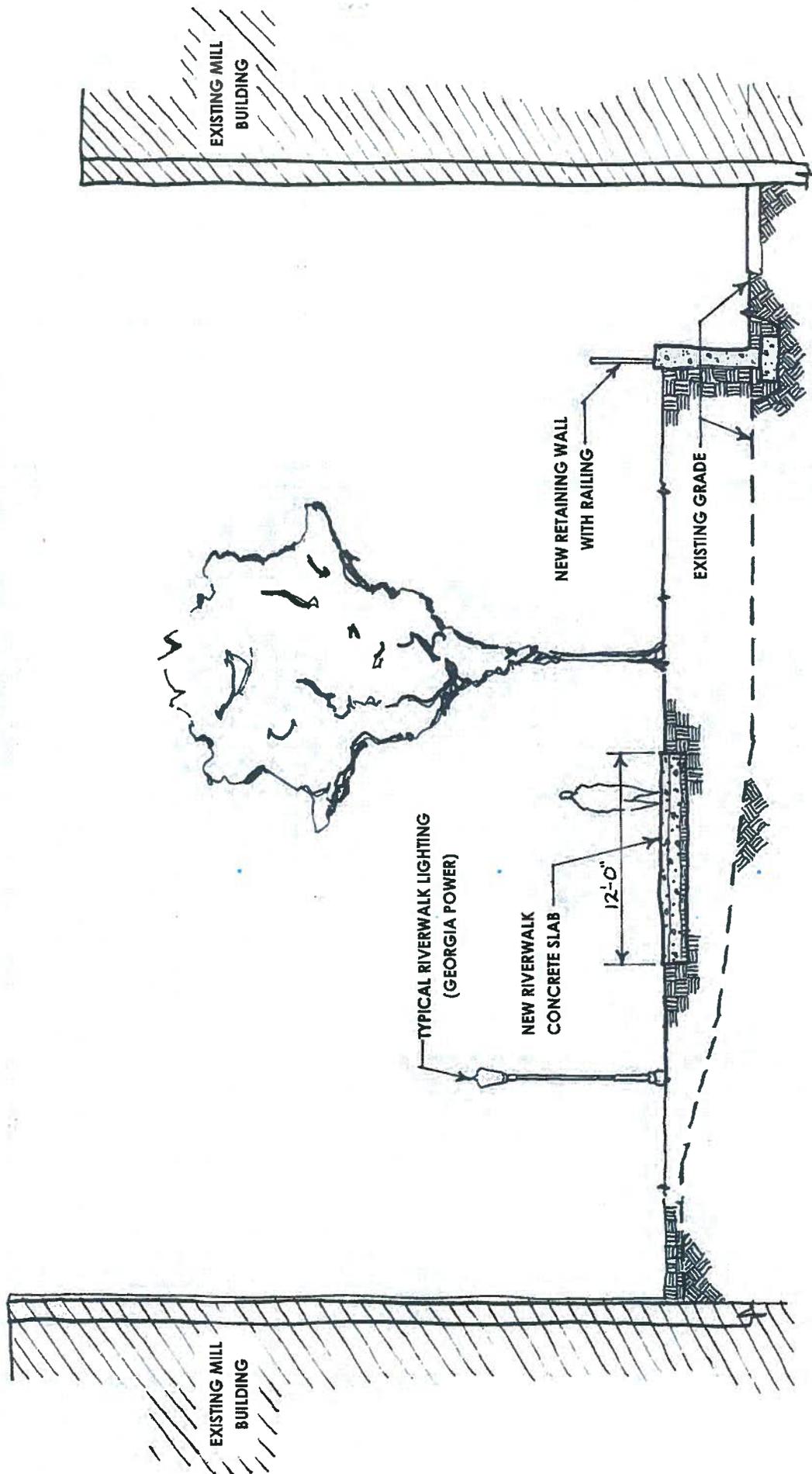
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PROJECT	RIVERWALK CITY MILL
CONCEPT PLAN	

PI # 0011433  
**RIVERWALK CITY MILL**  
 COLUMBUS, GEORGIA

**PRELIMINARY  
 NOT FOR  
 CONSTRUCTION**

**Hecht Burdeshaw**  
 Architects, Inc.

1111 Peachtree Street, Suite 300 • P.O. Box 1728 • Columbus, GA 31902 • 706-325-8114 telephone • 706-321-4413 fax



SECTION  
3/16" = 1'-0"

**RIVERWALK - CITY MILLS**

COLUMBUS, GEORGIA  
P.I. #0011433  
OCTOBER 10, 2013

**Riverwalk City Mills  
Schematic Design Budget Estimate**

**10 October, 2013  
PI # 0011433**

**Overall Estimates:**

North of Mill	\$946,209
Between Mill Buildings	\$344,300
South of Mill	\$112,640
<b>Construction Total</b>	<b>\$1,403,149</b>
Design and engineering	\$140,315
GDOT hourly services	\$50,000
Survey, testing, etc.	\$75,000
<b>Project Total</b>	<b>\$1,668,464</b>

**Riverwalk City Mills  
Schematic Design Budget Estimate**

**10 October, 2013**  
PI # 0011433

Category	SF/LF	SY/CY	LS	EA	AT	Construction Cost	Comments
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**South of Mill**

- Refurbish overlook area
- New asphalt riverwalk path
- Reseed grassed area
- Landscaping - trees
- Benches
- Planting
- Signage

\$102,400			
6,400			
22,000			
			25
			6
		X	
		X	

\$4	\$25,600	
\$0	\$8,800	
\$1,200	\$30,000	
\$2,000	\$12,000	
	\$10,000	
	\$18,000	Placeholder

<b>Total</b>	<b>\$102,400</b>	<b>\$10,240</b>	<b>\$112,640</b>
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**10% Contingency**  
5% Estimating  
5% Construction

**Total**

**Riverwalk City Mills  
Schematic Design Budget Estimate**

**10 October, 2013  
PI # 0011433**

Category	SP/LF	SY/CY	LS	EA	AT	Construction Cost	Comments	
<b>Between Mill Buildings</b>								
<b>Riverwalk and Site Work</b>								
	<b>\$15,600</b>							
Chain link fence	200					\$50	LF	
New asphalt riverwalk path	1.400					\$4	\$5,800 SF	
<b>Reinforced Earth Wall</b>								
	<b>\$244,600</b>							
Demo and excavation			X				\$40,000	
Backfill and grading			X				\$15,000	
New RE Wall	1,300					\$100	\$130,000 130 LF - 6' high average	
RE Wall cap	130					\$100	\$13,000 LF	
Other backfill-structural		1,400				\$24	\$33,600 CY Structural Fill - Imported	
Railing on top of wall	130					\$100	\$13,000 LF	
<b>Landscaping</b>								
	<b>\$4,800</b>							
Reseed grassed area	6,000					\$0.40	\$2,400 SF	
Landscaping - trees				2		\$1,200	\$2,400	
<b>Storm Drainage</b>								
	<b>\$48,000</b>							
Drain Lines	300					\$100	\$30,000	
Manholes				1		\$6,000	\$6,000	
Storm Drain Inlets				4		\$2,000	\$8,000	
Storm Drain Outlets				1		\$4,000	\$4,000	
<b>Phase One</b>						<b>\$313,000</b>	<b>\$31,300</b>	<b>\$344,300</b>
							<b>10% Contingency</b>	<b>Total</b>
							<b>5% Estimating</b>	
							<b>5% Construction</b>	

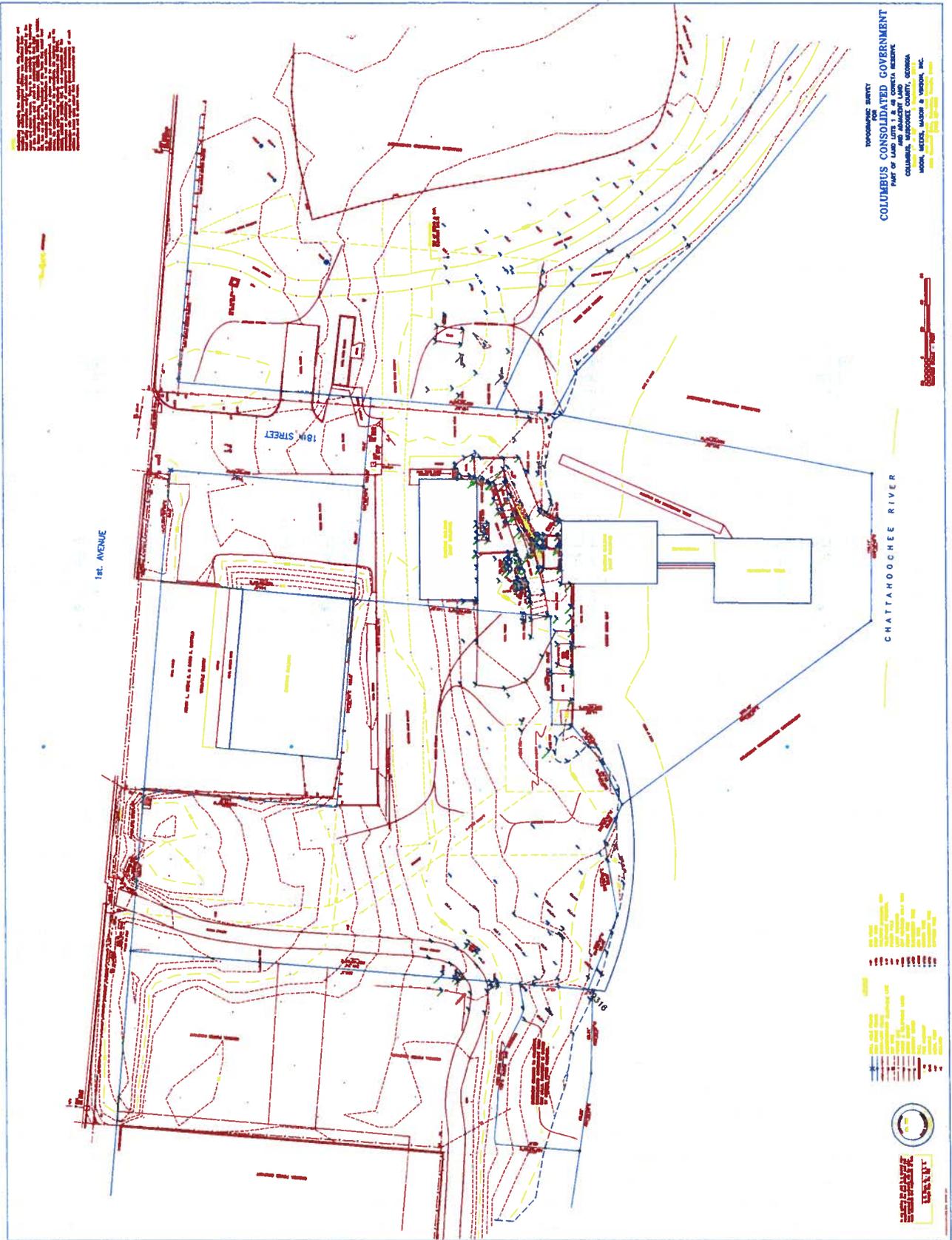
**Riverwalk City Mills  
Schematic Design Budget Estimate**

10 October, 2013  
PI # 0011433

Category	SF/LF	SY/CY	LS	EA	AT	Construction Cost	Comments
<b>North of Mill</b>							
<b>Riverwalk and Site Work</b>							
	<b>\$320,250</b>						
Demolition			X			\$10,000	
Grading			X			\$15,000	
Concrete sidewalks - riverwalk	1,500				\$12	\$18,000	SF 13" thick with reinforcing - streetscape patterning
New asphalt- riverwalk	3,300				\$4	\$11,550	SF
Pavers and base- riverwalk	1,950				\$14	\$27,300	SF
Miscellaneous electrical			X			\$40,000	
Heavy riprap to stabilize bank			X			\$85,000	Placeholder
Picnic tables				8	\$2,500	\$15,000	
Concrete @ picnic tables	1,100				\$8	\$8,800	SF 13" thick with reinforcing - streetscape patterning
Trash Receptacles				3	\$1,800	\$5,400	
Retaining wall cap			X			\$65,000	Placeholder
Railing @ retaining wall	130				\$100	\$13,000	LF
Concrete bollards				10	\$500	\$5,000	
Blke racks				7	\$1,600	\$11,200	
Benches				5	\$2,000	\$10,000	
<b>Landscaping</b>							
	<b>\$150,440</b>						
Sod	30,000				\$1.00	\$30,000	SF
Reseed grassed area	38,600				\$0	\$15,440	SF
Planting			X			\$15,000	
Irrigation			X			\$30,000	
Landscaping - trees				50	\$1,200	\$60,000	
<b>Storm Drainage</b>							
	<b>\$28,000</b>						
Drain Lines	100				\$100	\$10,000	
Manholes				1	\$8,000	\$8,000	
Storm Drain Inlets				3	\$2,000	\$6,000	
Storm Drain Outlets				1	\$4,000	\$4,000	
<b>Street and Parking</b>							
	<b>\$223,500</b>						
Grading and base		1,100			\$15	\$16,500	CY - 12" below slab
Asphalt street	29,000				\$4	\$116,000	SF
Curb and gutter	2,000				\$12	\$24,000	LF of curb and gutter
Concrete sidewalks - other	4,000				\$8	\$32,000	SF 6" thick with reinforcing - streetscape patterning
New driveway entrance				1	\$5,000	\$5,000	Placeholder
Striping			X			\$10,000	
Entrance element			X			\$20,000	
<b>Miscellaneous</b>							
	<b>140,000</b>						
Art- grindstones			X			\$100,000	Placeholder
Signage			X			\$40,000	Placeholder

<b>Phase One</b>	<b>\$880,180</b>	<b>\$85,019</b>	<b>\$965,209</b>
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10% Contingency  
5% Estimating  
5% Construction  
**Total**



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Date: July 10, 2013  
Project: Riverwalk – Bibb Mill Columbus, GA  
Riverwalk – City Mill Columbus, GA  
Project No.: PI # 0011433  
2013-001 2013-001.01  
Reported By: Tim Dodds  
Also attended: Kelvin Mullins, Georgia Department of Transportation  
Garrick Edwards, AECOM  
Alina Phillips, Columbus Consolidated Government  
Rick Jones, Columbus Consolidated Government  
Neil Clark, Hecht Burdeshaw Architects, Inc.

Every effort was made to document each comment. Please review these minutes and notify the Architect as soon as possible if any amendments, additions or deletions need to be made. The following topics were discussed.

**Bibb Mill Riverwalk Project – 2013-001 and City Mill Riverwalk Project – 2013-001.01**

1. Neil Clark presented a PowerPoint presentation providing an overview of the Bibb Mill Riverwalk, and the City Mills Riverwalk projects. Budget and schedule were reviewed. Each projects connection to the existing riverwalk was reviewed.
2. Both Projects are currently set-up by GDOT to bid as one project with a local let.
3. Columbus Consolidated Government will provide oversight and inspection for both projects through the City's Engineering Department.
4. Both projects will maintain a 12'-0" wide trail width. Bridges to have concrete decks.
5. AECOM will conduct Concept and Construction plan reviews.
6. Tim Dodds will forward the PowerPoint presentation and color renderings from this meeting to Garrick and Kelvin.
7. Please see attached list of questions from HBA regarding the TIA manual. Questions were reviewed and responses are documented as discussed.
8. HBA to develop a schedule reflecting submittal reviews by GDOT and AECOM.
9. Concept submittals for both projects will be submitted by HBA. The TE project short form will be used for the submittal.

**Bibb Mill Riverwalk Project – 2013-001**

1. HBA to meet with Georgia Power for coordination purposes.

**City Mill Riverwalk Project – 2013-001.01**

1. Kelvin Mullins to verify that TIA funds can be used for the street and parking parts of the project. The cost of the street and parking construction may require funding by the Columbus Consolidated Government.

cc: Mr. Kelvin Mullins, GDOT (*email only: kemullins@dot.ga.gov*)  
Mr. Garrick Edwards (*email only: Garrick.Edwards@aecom.com*)  
Ms. Alina Phillips, CCG (*email only: [alinaphillips@columbusga.org](mailto:alinaphillips@columbusga.org)*)  
Mr. Rick Jones, CCG (*email only: [rjones@columbusga.org](mailto:rjones@columbusga.org)*)  
NPC, TJD, 2013-001/2013-001.01

/TJD

**Riverwalk Bibb Mill and City Mills**  
PI # 0011433

10 July, 2013

(Answers from 10 July, 2013 meeting in red)

1. Will GDOT have any review capacity regarding shop drawings submitted? Will others be reviewing? Who? Schedule? PG 17  
*Hecht Burdeshaw Architects (HBA) to send shops to both Kelvin Mullins (KM) and Garrick Edwards (GE) for their files. GE will send any comments concurrent with our normal shop review period.*
2. Is there an overall schedule for the project? Who develops this and maintains/updates it?  
*HBA to develop schedule in conjunction with GE of AECOM. It is expected that both projects will follow one schedule.*
3. Consultant prequalification. PG 17  
*GE says structural engineer and geotechnical consultant should be GDOT prequalified. GDOT has no issues with HBA being the lead of this local let project.*
4. Statement about "errors on the bridge plans" being very broad..... PG 17  
*That particular statement deals with roadway projects, not our pedestrian bridge. Structural engineer bound only by requirements of the AIA contract.*
5. Is a load rating report needed for Off System Projects? PG 18  
*Not needed for pedestrian bridges.*
6. "load rating test" and EOR (Engineer of Record) responsibility is very broad. PG 18  
*Not applicable for pedestrian bridges.*
7. AASHTO standard spec 2002. PG 18  
*AASHTO Standards for pedestrian bridges only will apply to this project.*
8. "Fracture critical members" are not to be used...what does this mean? PG 19  
*Not applicable for pedestrian bridges.*
9. Is a "hydraulic and hydrological study" required for this project? PG 21  
*Not applicable for pedestrian bridges with no foundations in waterway.*
10. Bridge software and design calculations - what is required? PG 22  
*Not applicable for pedestrian bridges.*
11. Is a load rating test required for this project? PG 22  
*Not applicable for pedestrian bridges.*
12. Wall foundation investigations - what is HBA responsibility here? PG 23  
*Only normal geotechnical investigations for pier or retaining wall foundations is required.*

13. Can EOR delegate "means and methods" during construction? PG 24  
*EOR is responsible for inspections that show work in place complies with contract documents. EOR has no control over contractor means and methods, or review of same. Structural engineer bound only by requirements of the AIA contract.*
14. Who prepares as built plans? PG 24  
*The contractor prepares all as-built plans.*
15. Are design calculations to be submitted as part of the project, or just to be made available during an audit? PG 24  
*No design calculations need to be submitted as a part of the project, but need to be made available if requested by an audit.*
16. Explain our responsibility regarding Design Variances, Design Exceptions and review of same. PG 27  
*Any Design Variance or Exception will be submitted to GE.*
17. Verify that Regional Program Manager and City are responsible for Utility and ROW certifications. PG 29  
*The City is responsible for utility and ROW certification.*
18. Is the Transport Cost Estimation Software to be used on Off System Projects? PG 37  
*No GDOT estimation software is required for the project.*
19. Is this a GDOT unit cost project, or a lump sum bid?  
*This project is a lump sum bid.*
20. Is QC/QA testing per GDOT requirements a part of Off System projects? PG 37  
*No. The only testing required is whatever is called for in the AIA contracts.*