

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT  
INTERDEPARTMENTAL CORRESPONDENCE**

**FILE** P.I. # 0009397 **OFFICE** Design Policy & Support  
CSSTP-0009-00(397)  
Fulton County  
GDOT District 7 - Metro Atlanta **DATE** 1/6/15  
Belt Line Corridor - From Glenwood Park  
to Allene Avenue

**FROM**  Brent Story, State Design Policy Engineer

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED REVISED CONCEPT REPORT

Attached is the approved Revised Concept Report for the above subject project.

Attachment

**DISTRIBUTION:**

Glenn Bowman, Director of Engineering  
Joe Carpenter, Director of P3/Program Delivery  
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery  
Albert Shelby, State Program Delivery Engineer  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Hiral Patel, State Environmental Administrator  
Ben Rabun, State Bridge Engineer  
Kathy Zahul, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Charles "Chuck" Hasty, State Materials Engineer  
Mike Bolden, State Utilities Engineer  
Richard Cobb, Statewide Location Bureau Chief  
Rachel Brown, District Engineer  
Scott Lee, District Preconstruction Engineer  
Patrick Allen, District Utilities Engineer  
Dylan Curtis, Project Manager  
BOARD MEMBER - 5th Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
REVISED PROJECT CONCEPT REPORT**

Project Type: Enhancement P.I. Number: 0009397  
 GDOT District: 7 County: Fulton  
 Federal Route Number: N/A State Route Number: N/A  
 Project Number: CSSTP-0009-00(397)

*Revised concept report for Atlanta Beltline Corridor from Glenwood Avenue to University Avenue to incorporate revised project termini and revised typical sections.*

**Submitted for approval:**

Seco Johnston, Kimberly-Horn 9/29/2014  
 Consultant Designer & Firm Date  
Atherine M. Ory 26 Sept 2014  
 Local Government Sponsor Date  
Albert Shelby Oct. 21, 2014  
 State Program Delivery Engineer (B) Date  
Dea Ceet 14 Oct 2014  
 GDOT Project Manager Date

**Recommendation for approval:**

HIRSH POTEL\*/EKP 11/21/2014  
 State Environmental Administrator Date  
KATHY ZAHUL\*/EKP 10/27/2014  
 State Traffic Engineer Date  
BEN RABUN\*/EKP 10/29/2014  
 State Bridge Engineer Date

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

CINDY VANDYKE\*/EKP 10/29/2014  
 State Transportation Planning Administrator Date

\* - RECOMMENDATION ON FILE

## PLANNING, APPROVED CONCEPT, AND BACKGROUND

**Project Justification Statement:** The Need and Purpose Statement approved November 18, 2010 by GDOT Office of Planning serves as the Project Justification Statement and is included in the Project Concept report approved February 6, 2013. The Need and Purpose Logical Termini section is changed as follows:

Specific termini for the project are as follows:

- Intersection of Chester Avenue and Glenwood Avenue
- The west end of University Avenue.

**Existing conditions:** The existing conditions are as stated in the Need and Purpose statement approved November 18, 2010 and included in the Project Concept report approved February 6, 2013.

**Description of the approved concept:** The project begins in the Adair Park neighborhood near the intersection of Allene Street and Catherine Street, and continues to the east along existing railroad right-of-way for approximately 4.08 miles to the intersection of Glenwood Avenue and Chester Avenue in the Glenwood Park neighborhood. Along this alignment, the project will construct a 14-foot wide multi-use concrete trail with 2' wide stone dust shoulders and a ten foot vertical clear zone. The project will involve the modification or replacement of existing rail bridges over Metropolitan Parkway, Hill Street, Pryor Street, Confederate Avenue and Ormewood Avenue, and will utilize existing underpasses under Interstate 75/85, McDonough Boulevard and Berne Street. At-grade trail crossings will also be constructed at the trail's intersection with Allene Street, Milton Avenue and Boulevard. Concrete retaining walls with granite fascia will be constructed at various locations along the alignment in order to minimize impacts to property adjacent to the rail corridor, and to preserve right-of-way for the future Atlanta Beltline transit alignment.

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

**Functional Classification (Mainline):** Pedestrian Facility/Multi-use Trail

**VE Study anticipated:**  No  Yes  Completed – Date: June 17-20, 2013

## PROPOSED REVISIONS

Approved Features:	Proposed Features:
<ul style="list-style-type: none"> <li>The Project's western termini in the approved Concept Report is Allene Ave. The total project length is 4.08 miles.</li> <li>The Typical Section shows the face of all retaining walls as being 3'-0" from the edge of the trail in the approved Concept report.</li> </ul>	<ul style="list-style-type: none"> <li>The Project's proposed western termini is University Avenue. The total project length is 3.80 miles.</li> <li>The face of a fill retaining wall is proposed to be 2'-0" from the edge of the trail. The back of a cut wall is proposed to be 2'-0" from the edge of the trail. Lateral offset to these obstructions, including light poles and sign edges will be 2'-0" minimum.</li> </ul>
<p><b>Reason(s) for change:</b></p> <ul style="list-style-type: none"> <li>The Atlanta Beltline Southwest Trail Project (PI 0009396) was extended to connect to University Avenue to provide improved connectivity to the Adair Park neighborhood and allow a connection to a higher density development and the larger Pittsburg neighborhood. Therefore, the Atlanta Beltline Southeast Trail Project is being revised accordingly</li> <li>The typical sections are revised to match sections of the trail that were previously constructed.</li> </ul>	

**Design Variances and/or Exceptions needed:** No Design Variances are anticipated. A Design Exception for Vertical Clearance is undetermined.

## ENVIRONMENTAL AND PERMITS

**Potential environmental impacts of proposed revision:** Environmental impacts are not expected to change as a result of the proposed revision.

**Have proposed revisions been reviewed by environmental staff?**  No  Yes

**Environmental responsibilities (Studies/Documents/Permits):** Atlanta Beltline, Inc

### Air Quality:

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

This is a non-motorized/non-capacity adding project and is exempt from non-attainment requirements.

### PROJECT COST AND ADDITIONAL INFORMATION

Item	Estimated Cost	Date of Estimate	Funded By
Base Construction Cost:	\$52,761,858	9/29/2014	
Engineering and Inspection:	\$2,638,093	9/29/2014	
Contingencies:	\$5,539,995		
Liquid AC Adjustment:	\$0		
<u>Total Construction Cost:</u>	\$60,939,946		Local Gov't
Right-of-Way:	\$41,531,000	9/5/2014	Local Gov't
Utilities (reimbursable costs):	\$1,225,500	9/29/2014	Local Gov't
Environmental Mitigation:	0		Local Gov't
<b>TOTAL PROJECT COST:</b>	<b>\$103,696,446</b>		

**Recommendation:** Recommend that the proposed revision to the concept be approved for implementation.

**Attachments:**

1. Project Location map
2. Typical Sections
3. Detailed Cost Estimate(s)
  - a. Construction
  - b. Right-of-Way
  - c. Utilities
4. Value Engineering Implementation Letter dated September 6, 2013

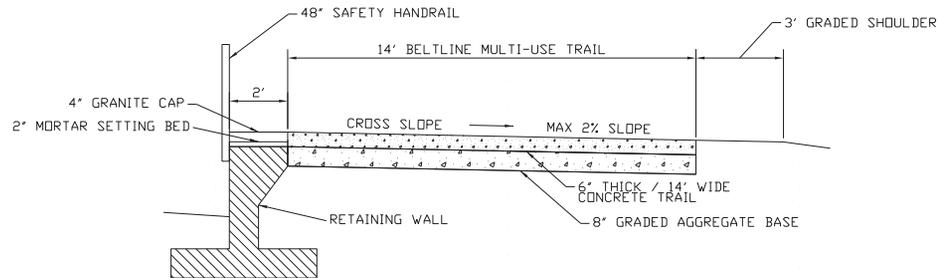
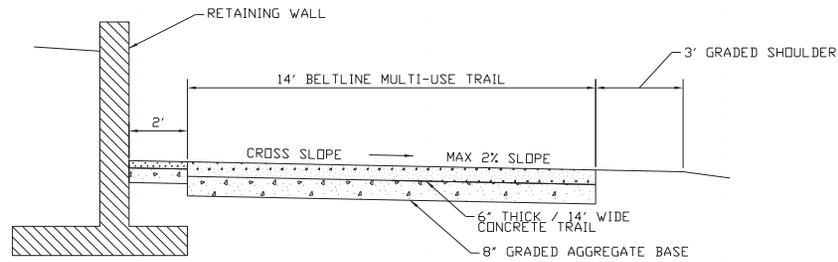
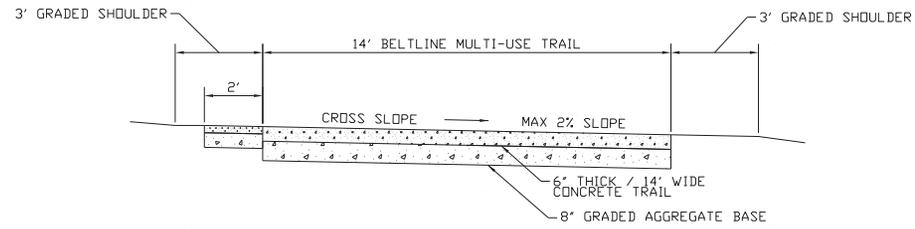
### APPROVALS

Concur:   
Director of Engineering

Approve:   
Chief Engineer

12-29-14  
Date





ATLANTA BELTLINE, INC.  
86 PRYOR STREET, SW, SUITE 300  
ATLANTA, GA 30303  
TEL: (404) 477-3003  
FAX: (404) 477-3606



THE BILTMORE, SUITE 601  
817 WEST PEACHTREE STREET, NW  
ATLANTA, GEORGIA 30308  
TEL: (404) 419-8700

REVISION DATES


ATLANTA BELTLINE

OFFICE:

TYPICAL SECTIONS

DRAWING NO.

05-

## STATE HIGHWAY AGENCY

DATE : 09/29/2014  
PAGE : 1

## JOB ESTIMATE REPORT

JOB NUMBER : 0009397                      SPEC YEAR: 01  
 DESCRIPTION: ATLANTA BELTLINE CORRIDOR FORM GLENWOOD PARK  
 TO UNIVERSITY AVE

## ITEMS FOR JOB 0009397

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0004	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	67008.48	67008.48
0005	522-1000		LS	SHORING	1.000	2000000.00	2000000.00
0010	150-1000		LS	TRAFFIC CONTROL - 0009397	1.000	1000000.00	1000000.00
0015	210-0100		LS	GRADING COMPLETE - 0009397	1.000	12000000.00	12000000.00
0019	207-0203		CY	FOUND BK FILL MATL, TP II	10000.000	28.51	285184.50
0020	217-1500		CY	OVEREXCAVATION OF CONTAM SOIL	1500.000	68.68	103020.00
0024	708-1000		CY	PLANT TOPSOIL	4000.000	60.66	242640.00
0030	004-0029		SY	EXTRA WORK - CONCRETE TRAIL PAVING, STANDARD FINISH6"	11000.000	41.47	456170.00
0035	004-0029		SY	EXTRA WORK - CONCRETE TRAIL PAVING, SPECIAL FINISH,6"	28000.000	65.63	1837640.00
0040	310-5080		SY	GR AGGR BS CRS 8IN INCL MATL	39000.000	9.82	383112.60
0045	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	400.000	103.98	41592.74
0050	432-0206		SY	MILL ASPH CONC PVM/1.50" DEP	4500.000	2.86	12910.14
0055	437-1571		LF	ST GRANITE CURB,5" X 17",TP A	2000.000	53.58	107160.00
0060	441-0104		SY	CONC SIDEWALK, 4 IN	1500.000	22.97	34466.52
0065	441-0108		SY	CONC SIDEWALK, 8 IN	500.000	36.36	18182.44
0070	441-0748		SY	CONC MEDIAN, 6 IN	42.000	45.81	1924.39
0075	900-0100		SF	GRANITE PAVERS GRANITE PAVING	1000.000	65.46	65460.00
0080	004-0018		LF	EXTRA WORK - GRANITE STAIRS	1000.000	226.74	226740.00
0085	999-5200		SF	DETECTABLE WARNING SURFACE	1200.000	22.71	27252.00
0090	318-3000		TN	AGGR SURF CRS	1000.000	16.48	16483.25
0095	550-1240		LF	STM DR PIPE 24",H 1-10	7805.000	30.00	234205.26
0100	550-1360		LF	STM DR PIPE 36",H 1-10	7805.000	41.87	326816.27
0105	550-4230		EA	FLARED END SECT 30 IN, ST DR	1.000	716.22	716.23
0110	550-4224		EA	FLARED END SECT 24 IN, ST DR	1.000	572.60	572.60
0115	603-2180		SY	STN DUMPED RIP RAP, TP 3, 12"	77.000	35.36	2722.92
0120	603-7000		SY	PLASTIC FILTER FABRIC	77.000	3.61	278.01
0125	668-2100		EA	DROP INLET, GP 1	55.000	1600.70	88039.00
0130	668-4300		EA	STORM SEW MANHOLE, TP 1	29.000	1613.99	46805.81
0135	668-6106		LF	TRENCH DRAIN, 6 IN	1000.000	160.15	160151.07
0140	668-5000		EA	JUNCTION BOX	2.000	1821.63	3643.27
0145	004-0012		EA	EXTRA WORK - OUTLET CONTROL STRUCTURE	10.000	8666.49	86664.90
0150	999-3110		EA	DETENTION POND	5.000	11261.03	56305.15
0155	004-0012		EA	EXTRA WORK - INFILTRATION TRENCH	5.000	16461.82	82309.10
0160	600-0001		CY	FLOWABLE FILL	3000.000	113.34	340034.70
0165	682-6224		LF	CONDUIT, NONMETL, TP 2, 4 IN	200000.000	0.45	90032.00
0170	682-9020		EA	ELEC JCT BOX	50.000	789.47	39473.91
0175	611-8050		EA	ADJUST MANHOLE TO GRADE	5.000	869.28	4346.43
0180	611-8010		EA	ADJUST HYDRANT TO GRADE	5.000	1142.66	5713.31
0185	611-8140		EA	ADJUST WATER VALVE BX TO GRADE	10.000	526.99	5269.97
0190	611-8120		EA	ADJUST WATER METER BX TO GRADE	5.000	288.67	1443.38
0195	681-6900		EA	LUMINAIRE - TYPE AFC	25.000	14000.00	350000.00
0200	681-6900		EA	LUMINAIRE - TYPE FA	241.000	7000.00	1687000.00

## STATE HIGHWAY AGENCY

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## JOB ESTIMATE REPORT

0205	681-6900		EA	LUMINAIRE - TYPE FC	25.000	14000.00	350000.00
0210	004-0012		EA	EXTRA WORK - SECURITY CAMERA	31.000	15000.00	465000.00
0215	636-1033		SF	HWY SIGNS, TP1MAT,REFL SH TP 9	550.000	19.48	10714.20
0220	636-2070		LF	GALV STEEL POSTS, TP 7	308.000	8.77	2701.62
0225	653-1501		LF	THERMO SOLID TRAF ST 5 IN, WHI	5000.000	0.61	3052.30
0230	999-3800		EA	RECTANGULAR RAPID BEACON ASSY	16.000	10000.00	160000.00
0235	004-0018		LF	EXTRA WORK - 42" METAL SAFETY RAIL	6000.000	719.67	4318020.00
0240	004-0018		LF	EXTRA WORK - 54" METAL SAFETY RAIL	6000.000	762.00	4572000.00
0245	009-3000		LS	MISCELLANEOUS CONSTRUCTION BRIDGE AND ABUTMENTS METROPOLITAN PKW	1.000	1780000.00	1780000.00
0250	009-3000		LS	MISCELLANEOUS CONSTRUCTION BRIDGE AND ABUTMENTS PRYOR RD	1.000	1914000.00	1914000.00
0255	009-3000		LS	MISCELLANEOUS CONSTRUCTION BRIDGE AND ABUTMENTS HILL ST.	1.000	2004000.00	2004000.00
0260	009-3000		LS	MISCELLANEOUS CONSTRUCTION BRIDGE AND ABUTMENTS CONFEDERATE AVE.	1.000	1698000.00	1698000.00
0265	009-3000		LS	MISCELLANEOUS CONSTRUCTION BRIDGE AND ABUTMENTS ORMEWOOD AVE.	1.000	2112000.00	2112000.00
0270	617-0510		LS	PERMANENTLY ANCHORED WALL NO - 0009397	1.000	1717400.00	1717400.00
0275	627-1000 9397		SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - 9397	90452.000	26.80	2424184.15
0280	004-0052		SF	EXTRA WORK - GRANITE FACING	107646.000	49.99	5381223.54
0285	163-0232		AC	TEMPORARY GRASSING	65.000	330.95	21511.92
0290	163-0240		TN	MULCH	500.000	263.73	131865.26

0295	163-0300	EA	CONSTRUCTION EXIT	5.000	1457.42	7287.11
0300	163-0529	LF	CNST/REM TEMP SED BAR OR BLD STRW CK DM	13000.000	3.28	42719.69
0305	163-0542	EA	CONSTR & REM STONE FILTER RING	10.000	329.25	3292.60
0310	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	25000.000	0.36	9192.50
0315	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	6500.000	0.71	4638.66
0320	165-0101	EA	MAINT OF CONST EXIT	5.000	458.10	2290.51
0325	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	5.000	72.11	360.57
0330	167-1500	MO	WATER QUALITY INSPECTIONS	50.000	384.05	19202.67
0335	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	45000.000	2.51	112960.80
0340	643-8200	LF	BARRIER FENCE (ORANGE), 4 FT	35000.000	1.17	41153.00
0345	700-6910	AC	PERMANENT GRASSING	65.000	719.96	46797.44
0350	700-9300	SY	SOD	35000.000	3.77	132070.40
0355	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	100.000	120.00	12001.00
0360	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	50.000	52.42	2621.12
0365	165-0111	EA	MAINT OF STONE FILTER RING	10.000	98.33	983.36
0370	710-9000	SY	PERM SOIL REINFORCING MAT	40000.000	2.91	116790.00
0375	441-0204	SY	PLAIN CONC DITCH PAVING, 4 IN	1500.000	28.30	42455.46
0380	004-0018	LF	EXTRA WORK - CHAIN LINK FENCE, PVC, 42IN, 9 GA	800.000	24.38	19504.00
0385	643-1453	LF	CH LK FENCE, PVC, 6 FT, 11 GA	4000.000	29.62	118480.00
0390	643-8030	EA	GATE, CHAIN LINK PVC COAT - GATE, CHAIN LINK, PVC COAT	2.000	661.39	1322.78
0395	643-8210	LF	WOOD FENCE -	1500.000	13.97	20960.24
0400	754-5000	EA	BENCH	16.000	3264.35	52229.60
0405	900-0526	EA	BOLLARDS	50.000	2070.00	103500.00
0410	004-0012	EA	EXTRA WORK - REMOVEABLE BOLLARDS	50.000	3844.10	192205.00
0415	004-0012	EA	EXTRA WORK - ECO-COUNTER	4.000	12918.91	51675.64

STATE HIGHWAY AGENCY

DATE : 09/29/2014  
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JOB ESTIMATE REPORT

ITEM TOTAL	52761857.45
INFLATED ITEM TOTAL	52761857.45

TOTALS FOR JOB 0009397

ESTIMATED COST:	52761857.49
CONTINGENCY PERCENT ( 0.0 ):	0.00
ESTIMATED TOTAL:	52761857.49

# CONTINGENCY SUMMARY

A.	<b>CONSTRUCTION ESTIMATE:</b>	<b>COST</b>	\$	52,761,858	Base Estimate From CES		
B.	<b>ENGINEERING AND INSPECTION (E &amp; I):</b>		\$	2,638,093	Base Estimate (A) x	5	%
C.	<b>CONTINGENCY:</b>		\$	5,539,995	Base Estimate (A) + E & I (B) x	10	%
					<a href="#">See % Table in "Risk Based Cost Estimation" Memo</a>		
D.	<b>TOTAL LIQUID AC ADJUSTMENT:</b>		\$	0	Total From Liquid AC Spreadsheet		
E.	<b>CONSTRUCTION TOTAL:</b>		\$	60,939,946	(A + B + C + D = E)		

**PRELIMINARY ROW COST ESTIMATE SUMMARY**

Date: 9/4/2014 Project: CSSTP-0009-00(397)  
 Revised: County: Fulton  
 PI: 0009397

Description: Atlanta Beltline Corridor From Glenwood Park to University Ave  
 Project Termini:

Existing ROW:  
 Required ROW:  
 Parcels: 79

Land and Improvements \_\_\_\_\_ \$39,988,837.50

Proximity Damage	\$0.00
Consequential Damage	\$0.00
Cost to Cures	\$3,000,000.00
Trade Fixtures	\$0.00
Improvements	\$0.00

Valuation Services \_\_\_\_\_ \$177,500.00

Legal Services \_\_\_\_\_ \$503,325.00

Relocation \_\_\_\_\_ \$173,000.00

Demolition \_\_\_\_\_ \$25,000.00

Administrative \_\_\_\_\_ \$663,000.00

TOTAL ESTIMATED COSTS \_\_\_\_\_ \$41,530,662.50

**TOTAL ESTIMATED COSTS (ROUNDED) \_\_\_\_\_ \$41,531,000.00**

Preparation Credits	Hours	Signature

Prepared By:  CG#: \_\_\_\_\_ 9/5/2014 (DATE)  
 Approved By: \_\_\_\_\_ CG#: \_\_\_\_\_ (DATE)

**NOTE: No Market Appreciation is included in this Preliminary Cost Estimate**

0009397  
 ATLANTA BELTLINE, SOUTHEAST TRAIL  
 PRELIMINARY UTILITY COST ESTIMATE  
 SEPTEMBER 29, 2014

	Units	Unit Price	Quantity	Total Cost	Assumptions
<b>Electric</b>					
Electric Manhole Relocation	EA	\$5,000.00	2	\$10,000.00	
Overhead Power/Telephone/CATV Relocation	LF	\$400.00	200	\$80,000.00	20% of 1000 LF of streetscape on adjacent streets
Underground Power Relocation	LF	\$400.00	100	\$40,000.00	10% of 1000 LF of streetscape on adjacent streets
Subtotal				\$130,000.00	
<b>Natural Gas</b>					
Gas Line Relocation (Unknown Type/Size)	LF	\$80.00	100	\$8,000.00	10% of 1000 LF of streetscape on adjacent streets
Gas Valve Relocation	EA	\$500.00	2	\$1,000.00	
Subtotal				\$9,000.00	
<b>Sanitary Sewer</b>					
Sanitary Sewer Pipe Relocation, Unknown Type/Size	LF	\$30.00	100	\$3,000.00	10% of 1000 LF of streetscape on adjacent streets
Sanitary Sewer Manhole Relocation	EA	\$5,000.00	2	\$10,000.00	
Subtotal				\$13,000.00	
<b>Telecommunications</b>					
Underground Fiber Optic Line Relocation	LF	\$200.00	5000	\$1,000,000.00	25% of total project length of approximately 20000 LF
Fiber Optic Manhole Relocation	EA	\$5,000.00	10	\$50,000.00	Assumes MH every 500 feet
Subtotal				\$1,050,000.00	
<b>Water</b>					
Fire Hydrant Relocation	EA	\$3,000.00	2	\$6,000.00	
Water Line Relocation (Unknown Type/Size)	LF	\$75.00	100	\$7,500.00	10% of 1000 LF of streetscape on adjacent streets
Water Meter Relocation	EA	\$5,000.00	2	\$10,000.00	
Subtotal				\$23,500.00	
<b>TOTAL</b>				\$1,225,500.00	

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** CSSTP000900396 & CSSTP000900397      **OFFICE:** Engineering Services  
 Fulton County  
 P.I. No.: 0009396 & 0009397  
 Southeast & Southwest Beltline Corridor      **DATE:** September 6, 2013

**FROM:** Lisa L. Myers, State Project Review Engineer *elm*

**TO:** Genetha Rice-Singleton, State Program Delivery Engineer  
 Attn.: Charles A. Robinson

**SUBJECT: IMPLEMENTATION OF VALUE ENGINEERING STUDY ALTERNATIVES**

The Value Engineering Analysis for the above projects was held June 17-20, 2013. Responses were received on 9/4/13. Recommendations for implementation of VE Study Alternatives are indicated in the table below. The Project Manager shall incorporate the VE alternatives recommended for implementation to the extent reasonable in the design of these projects. Please note, if the implementation of a VE recommendation requires a Design Exception and/or Design Variance, the DE or DV must be requested separately.

ALT #	Description	Potential Savings/ LCC	Implement	Comments
<b>Southwest Corridor Project, PI No. 0009396</b>				
B6-2	Use pre-stressed beams in lieu of steel beams at the MLK overpass bridge.	\$105,642	No	The new trail bridges must utilize steel beams to stay consistent with constructed portions of the Eastside Trail. The Atlanta Beltline corridor encompasses 46 distinct neighborhoods in its 22 mile loop. The 100% locally funded trail from 10 <sup>th</sup> Street and Monroe to DeKalb Avenue established a set of materials and finishes which social equity requires that we use in all the neighborhoods. There is simply no opportunity to tell any other community that they cannot have the same level of corridor build-out than what was done on the Eastside Trail.
B6-3.1	Use Geo-Grid slopes for some walls up to 6 feet high in lieu of the granite clad retaining walls.	\$834,314	No	At a minimum, the vegetation would need to be mown once a year and 1:1 slopes cannot be mown using conventional commercial mowing techniques.

B6-3.2	Use wire-basket walls for walls up to 6 feet high in lieu of the granite clad retaining walls.	\$807,698	No	The maintenance regime of this option is not acceptable. At a minimum, the vegetation would need to be mown once a year and 70-degree slopes cannot be mown using conventional commercial mowing techniques.
B6-3.3	Use MSE retaining walls that are able to be vegetated for walls up to 6 feet high in lieu of the granite clad retaining walls.	\$448,378	No	The new retaining walls must be clad in granite to be consistent with the constructed portions of the Eastside Trail.
B6-4	Utilize 2:1 slopes and eliminate retaining walls at specific locations.	Proposed = \$2,985,675 Actual = \$72,198	Yes, with modifications	This alternative will be implemented for Wall #1 with the amount reduced to account for the cost of imported fill material.
T6-1	Set permanent easement at appropriate distance based on wall height with temporary easement beyond (at retaining walls).	Proposed = \$241,388 Actual = \$66,612	Yes, with modifications	This recommendation will partially be implemented from STA 719+00 to 725+30.
T6-2	Where there are no retaining walls, set the permanent easement limits at the clear zone and designate temporary easement beyond those areas.	\$85,901	No	Some of these properties are being divided by the required Right-of-Way for the trail alignment which leaves parcels that cannot be developed given the zoning, so it is assumed that acquisition of the entire parcel will be required for these areas.
T6-3	Reduce the limit of work boundary at four specific locations.	Proposed = \$43,724 Actual = \$8,348	Yes, with modifications	The limit of work will partially be reduced at the following locations: North of West Fair Street (670+20 to 671+40) and Northwest of Allene at (790+55 to 797+30.) As the design advances, the other work areas will be minimized as much as possible.
T6-4	Eliminate stairs where ramps are nearby.	\$363,535	No	Stairs can only be eliminated where the length of ramp or alternate route is not excessive. The removal of stairs South of Lawton Street would require 592 LF of additional travel for those pedestrians headed west bound on Lawton Street.
T6-5	Connect to existing west end trail at I-20 and defer new trail from I-20 up to Lawton Street until the Transit construction begins.	\$4,096,778	No	The deferment of cost to transit construction is not a viable option and may not result in a cost savings depending on the market conditions at the time.

T6-6.3	Allocate portion of duct bank costs for relocation of telecom to this trail project and obtain funding for excess duct bank capacity from other sources.	\$1,145,340	Yes	This will be done.
T6-8	Obtain funding for upgraded trail construction features from other funding sources.	\$7,371,207	Yes	This will be done.
T6-10	Adjust trail profiles to eliminate interior walls.	Proposed = \$326,403 Actual = \$101,745	Yes, with modifications	The location South of I-20 (688+00-689+50) will be implemented for a revised amount of savings.
T6-11	Maintain 5 feet separation between trail and transit in order to eliminate fencing.	\$289,800	No	Transit fencing is not part of the scope for this project.
<b>Southeast Corridor Project, PI No. 0009397</b>				
B7-8	Use lead encapsulating paint in lieu of jacking existing bridges to sandblast and repaint the superstructure.	\$202,958	No	The existing bridges must be de-leaded, consistent with constructed portions of the Eastside Trail. The Atlanta Beltline corridor encompasses 46 distinct neighborhoods in its 22 mile loop. The 100% locally funded trail from 10 <sup>th</sup> and Monroe to DeKalb Avenue established a set of materials and finishes that social equity requires that we use in all the neighborhoods. There is simply no opportunity to tell any other community that they cannot have the same level of corridor build-out than what was done on the Eastside Trail.
T7-1	Set permanent easement at appropriate distance based on wall height with temporary easement beyond (at retaining walls).	\$357,710	Yes	This will be done and potentially modified as the Design advances.
T7-2	Where there are no retaining walls, set the permanent easement limits at the clear zone and designate temporary easement beyond those areas.	\$375,127	Yes	This will be done and potentially modified as the Design advances.
T7-6.3	Allocate portion of duct bank costs for relocation of telecom to this trail project and obtain funding for excess duct bank capacity from other sources.	\$1,625,400	Yes	This will be done.

The Office of Engineering Services concurs with the Project Manager's responses.

Approved:  Date: 9/9/13  
Russell McMurry, PE, Chief Engineer

LLM/RLR/MJS  
Attachments

c: Joe Carpenter/Paul Liles  
Genetha Rice-Singleton/Hiral Patel/Chandria Brown/Charles A. Robinson  
Davida White/Xavier James/Tamaya Huff/Merishia Robinson  
Marc Mastronardi  
Ben Rabun/Bill Duvall  
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Shun Pringle  
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Robert Reid Jr./Matt Sanders  
General Files