

ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. # 752015 -
BRMLB-9007-00(014)
Fulton County
GDOT District 7 - Metro Atlanta

OFFICE Design Policy & Support

DATE December 19, 2012

FROM  for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Bobby Hilliard, Program Control Administrator
Genetha Rice-Singleton, State Program Delivery Engineer
Glenn Bowman, State Environmental Administrator
Ben Rabun, State Bridge Engineer
Kathy Zahul, State Traffic Engineer
Phil Copeland, State Right-of-Way Administrator
Lisa Myers, State Project Review Engineer
Cindy VanDyke, State Transportation Planning Administrator
Ken Thompson, Location Bureau Chief
Angela Robinson, Financial Management Administrator
Rachel Brown, District Engineer
Scott Lee, District Preconstruction Engineer
Vicki Gavalas, District Planning & Programming Engineer
Persephone Goodwin, Area Engineer - D7, A4
Chandria Brown, Project Manager
BOARD MEMBER - 5th Congressional District

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Fulton County
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Concept Update:

The Revised Project Concept Report revised the following:

1. The original concept proposed to replace two of the 28 spans of the existing Courtland Street Bridge. The revised concept proposes to change the project from a span replacement to a complete bridge replacement.

Categorical Exclusion:

Approval Date: **May 7, 2012**
Reevaluation: **N/A**

Public Involvement:

Stakeholder Meetings

Four Stakeholder meetings were held between August 16th, 2000 and February 10th, 2010. Project staff met with representatives of the City of Atlanta, Underground Atlanta, Georgia State University (GSU), Georgia Board of Regents and various utilities to discuss different aspects of the project.

August 16th, 2000

The Stakeholder meeting was held at the Georgia Building Authority, comprised of 18 attendees representing the Georgia Department of Transportation (GDOT), the Design Consultant Team, the Georgia Building Authority (GBA), Georgia State University (GSU), the Board of Regents, the City of Atlanta Dept. of Public Works and Underground Atlanta were present. The intent of the meeting was to present the general scope of the proposed project to the affected facilities and request feedback from the stakeholders to facilitate consideration of all concerns during the early stages of the development of the projects. Comments from stakeholders focused on sequence of work, roadway closures (when there were six bridges), along with vehicular and pedestrian access during construction.

August 23rd, 2000

The Stakeholder meeting was held in Room 650 of the Urban Life Building, comprised of 19 attendees representing GDOT, the Design Consultant Team, Georgia State University and the Board of Regents were present and was a follow-up to the August 16th meeting to discuss in depth impact specifically with GSU facilities. The purpose of the meeting was to gather inputs concerning impacts to GSU facilities for consideration by GDOT and the design team during the plans development process. Construction impacts were discussed with specific facilities, road

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closures, changes in access that impact operations, pedestrian, handicap, delivery, and other vehicular access, and ROW acquisition process.

August 28rd, 2000

This meeting was a follow-up to the August 23rd meeting and specifically on impacts to Parking Deck "G". Terri Verdon of Edwards Pitman Environmental and Keith Terrell of Georgia State University met in the field to discuss potential impacts to the Georgia State University parking deck "G" due to the temporary closing of Central Avenue and Courtland Street during construction of the bridge replacements. Construction impacts were discussed and scenario's were presented to minimize disruption.

February 18th, 2010

The Stakeholder meeting was held at the Georgia Dept. of Transportation, comprised of 29 attendees representing GDOT, the Design Consultant Team, the Georgia Building Authority, Georgia State University, the Board of Regents, the City of Atlanta Dept. of Public Works, Underground Atlanta and various utilities were present. The purpose of the meeting was to review the change in project scope, as originally the project included the replacement/rehabilitation of six bridges in downtown. The revised scope was replacement of Courtland Street Bridge only. The items discussed at the meeting were:

- *Project Scope and Status*
- *Environmental Issues*
- *Roadway & Bridge Design Issues*
- *Utility Issues*
- *Vehicular & Pedestrian Access Plans*
- *Future Plans for GBA & GSU*
- *Comments from CSX, Utility Owners and the City of Atlanta*

Comments received from stakeholders cover a range of issues from planning (impacts of other bridges no longer included in this project), design/utility relocation issues, but the majority focused on the construction schedule and impacts (noise; vehicular, pedestrian, handicap access; limited accessibility by contractors; impacts to students; impacts to Capital; coordination with GSU Campus Master Plan).

Consistency with Approved Planning:

The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations:

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Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

RECOMMEND: Allen M. M...
Director of Engineering

APPROVE: Gerald M. Perry 12/17/12
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: December 19, 2012

Attachments:

- Sketch Map
- Cost Estimate
- Notice of Location and Design Approval

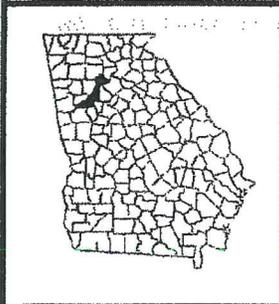
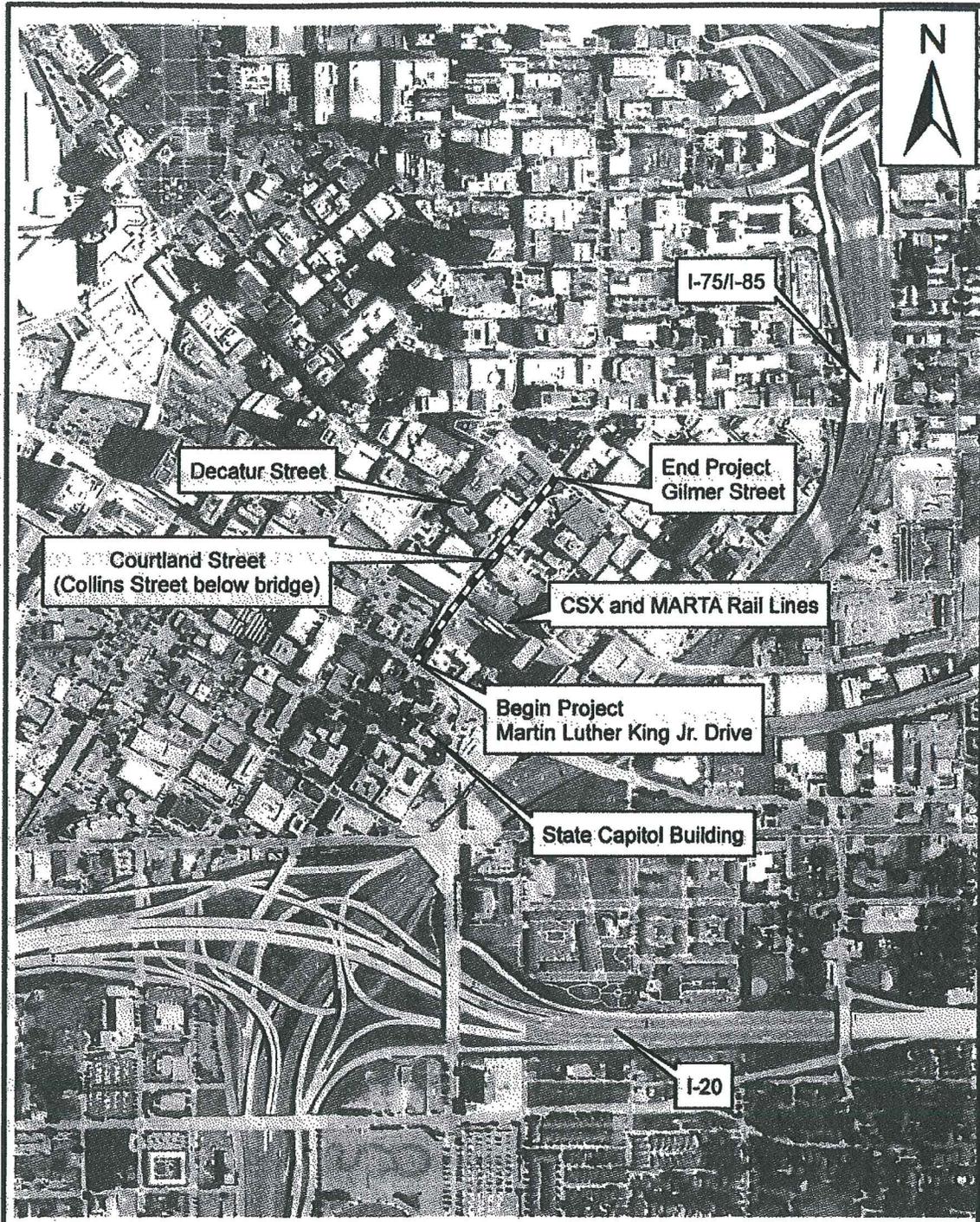


FIGURE 1
Project Location

GDOT Project BRMLB-9007-00(014)
Fulton County, PI No. 752015
Courtland Street Bridge Replacement



Source: USDA-NRCS (2010) National Agricultural Imagery Program



DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE PROJECT No. , , **OFFICE**

DATE

P.I. No.

FROM

TO Lisa L. Myers, Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER

MNGT LET DATE

MNGT R/W DATE

PROGRAMMED COST (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$

DATE

RIGHT OF WAY \$

DATE

UTILITIES \$

DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$

RIGHT OF WAY \$

UTILITIES \$

* Costs contain > % Engineering and Inspection

REASON FOR COST INCREASE

2012 Annual Update; Utilities Coordination 100% Local - City of Atlanta

CONTINGENCY SUMMARY

| | | |
|-----------------------------|-------------------------|---------------------------|
| Construction Cost Estimate: | \$ 17,056,654.71 | (Base Estimate) |
| Engineering and Inspection: | \$ 852,832.74 | (Base Estimate x 5 %) |
| Total Liquid AC Adjustment | \$ 4,076.97 | (From attached worksheet) |
| Construction Total: | \$ 17,913,564.42 | |

REIMBURSABLE UTILITY COST

Utility Owner

Reimbursable Cost

| | |
|--|--|
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| | |

Attachments

DETAILED COST ESTIMATE



Job: 752015

JOB NUMBER 752015

FED/STATE PROJECT NUMBER BRMLB-9007-00(014)

SPEC YEAR: 01

DESCRIPTION: COURTLAND STREET BRIDGE OVER CSX RAILROAD

ITEMS FOR JOB 752015

010 - ROADWAY

| Line Number | ITEM | QUANTITY | UNITS | PRICE | DESCRIPTION | AMOUNT |
|------------------------------|----------|----------|-------|-----------------|--|-----------------------|
| 1005 | 150-1000 | 1.000 | LS | \$500,000.00000 | TRAFFIC CONTROL - BRMLB-9001-00(014) | \$500,000.00 |
| 1010 | 153-1300 | 1.000 | EA | \$70,013.57765 | FIELD ENGINEERS OFFICE TP 3 | \$70,013.58 |
| 1015 | 210-0100 | 1.000 | LS | \$500,000.00000 | GRADING COMPLETE - BRMLB-9001-00(014) | \$500,000.00 |
| 1020 | 402-1812 | 65.000 | TN | \$77.28721 | RECYL AC LEVELING,INC BM&HL | \$5,023.67 |
| 1025 | 402-4510 | 120.000 | TN | \$79.89965 | RECYL AC 12.5 MM SP,GP2ONLY,INC P-MBM&HL | \$9,587.96 |
| 1030 | 413-1000 | 100.000 | GL | \$2.88738 | BITUM TACK COAT | \$288.74 |
| 1035 | 432-0206 | 1175.000 | SY | \$3.81310 | MILL ASPH CONC PVMT/ 1.50" DEP | \$4,480.39 |
| 1040 | 433-1100 | 297.000 | SY | \$140.37227 | REF CONC APPR SL/INCL CURB | \$41,690.56 |
| 1045 | 439-0050 | 1800.000 | SY | \$50.00000 | PLN PC CONC PVMT CL HES 9" THK | \$90,000.00 |
| 1050 | 441-0016 | 50.000 | SY | \$37.30537 | DRIVEWAY CONCRETE, 6 IN TK | \$1,865.27 |
| 1055 | 441-0104 | 948.000 | SY | \$28.25758 | CONC SIDEWALK, 4 IN | \$26,788.19 |
| 1060 | 441-5002 | 900.000 | LF | \$12.20651 | CONC HEADER CURB, 6", TP 2 | \$10,985.86 |
| 1065 | 444-1000 | 500.000 | LF | \$4.04409 | SAWED JTS IN EXIST PVMTS - PCC | \$2,022.05 |
| 1070 | 550-1180 | 478.000 | LF | \$28.81173 | STM DR PIPE 18",H 1-10 | \$13,772.01 |
| 1075 | 634-1200 | 3.000 | EA | \$121.30343 | RIGHT OF WAY MARKERS | \$363.91 |
| 1080 | 668-2100 | 7.000 | EA | \$1,766.23346 | DROP INLET, GP 1 | \$12,363.63 |
| 1085 | 668-4300 | 2.000 | EA | \$1,880.56522 | STORM SEW MANHOLE, TP 1 | \$3,761.13 |
| SUBTOTAL FOR ROADWAY: | | | | | | \$1,293,006.95 |

020 - BRIDGE

| Line Number | ITEM | QUANTITY | UNITS | PRICE | DESCRIPTION | AMOUNT |
|-----------------------------|----------|-----------|-------|-------------------|--|------------------------|
| 1090 | 500-0100 | 6864.000 | SY | \$4.57000 | GROOVED CONCRETE | \$31,368.48 |
| 1095 | 500-1006 | 1.000 | LS | \$3,451,950.00000 | SUPERSTR CONCRETE, CL AA, BR NO - BRMLB-9001-00(014) | \$3,451,950.00 |
| 1100 | 500-3101 | 823.000 | CY | \$1,058.67000 | CLASS A CONCRETE | \$871,285.41 |
| 1105 | 507-9001 | 1196.000 | LF | \$208.28000 | PSC BEAMS,AASHTO TP I, BR NO - BRMLB-9001-00(014) | \$249,102.88 |
| 1110 | 507-9003 | 1872.000 | LF | \$283.78000 | PSC BEAMS,AASHTO TP III, BR NO - BRMLB-9001-00(014) | \$531,236.16 |
| 1115 | 507-9030 | 808.000 | LF | \$360.44000 | PSC BEAMS,AASHTO,BULB TEE, 54" | \$291,235.52 |
| 1120 | 507-9031 | 2872.000 | LF | \$377.36000 | PSC BEAMS,AASHTO,BULB TEE, 63" | \$1,083,777.92 |
| 1125 | 507-9032 | 2204.000 | LF | \$378.46000 | PSC BEAMS,AASHTO,BULB TEE, 72" | \$834,125.84 |
| 1130 | 511-1000 | 81300.000 | LB | \$1.48000 | BAR REINF STEEL | \$120,324.00 |
| 1135 | 511-3000 | 1.000 | LS | \$695,000.00000 | SUPERSTR REINF STEEL, BR NO - BRMLB-9001-00(014) | \$695,000.00 |
| 1140 | 524-0010 | 626.000 | LF | \$1,924.34000 | DRILLED CAISSON - 4.5' | \$1,204,636.84 |
| 1145 | 540-1102 | 1.000 | LS | \$4,250,000.00000 | REM OF EX BR, BR NO - BRMLB-9001-00(014) | \$4,250,000.00 |
| SUBTOTAL FOR BRIDGE: | | | | | | \$13,614,043.05 |

DETAILED COST ESTIMATE



Job: 752015

030 - SIGNING AND MARKING

| Line Number | ITEM | QUANTITY | UNITS | PRICE | DESCRIPTION | AMOUNT |
|--|----------|----------|-------|-------------|---------------------------------|--------------------|
| 1150 | 610-6515 | 12.000 | EA | \$61.10358 | REM HIGHWAY SIGN, STD | \$733.24 |
| 1155 | 611-5551 | 12.000 | EA | \$137.42065 | RESET SIGN | \$1,649.05 |
| 1160 | 636-1020 | 95.000 | SF | \$14.77000 | HWY SGN,TP1MAT,REFL SH TP3 | \$1,403.15 |
| 1165 | 636-1041 | 43.500 | SF | \$39.90138 | HWY SIGNS,TP 2MAT,REFL SH TP 9 | \$1,735.71 |
| 1170 | 636-2070 | 84.000 | LF | \$8.68665 | GALV STEEL POSTS, TP 7 | \$729.68 |
| 1175 | 653-0110 | 3.000 | EA | \$68.97092 | THERM PVMT MARK, ARROW, TP 1 | \$206.91 |
| 1180 | 653-0120 | 1.000 | EA | \$76.07159 | THERM PVMT MARK, ARROW, TP 2 | \$76.07 |
| 1185 | 653-0130 | 1.000 | EA | \$96.39623 | THERM PVMT MARK, ARROW, TP 3 | \$96.40 |
| 1190 | 653-1501 | 500.000 | LF | \$0.64168 | THERMO SOLID TRAF ST 5 IN, WHI | \$320.84 |
| 1195 | 653-1502 | 500.000 | LF | \$0.60874 | THERMO SOLID TRAF ST, 5 IN, YEL | \$304.37 |
| 1200 | 653-1704 | 265.000 | LF | \$3.85470 | THERM SOLID TRAF STRIPE,24",WH | \$1,021.50 |
| 1205 | 653-3501 | 1500.000 | GLF | \$0.37252 | THERMO SKIP TRAF ST, 5 IN, WHI | \$558.78 |
| 1210 | 653-6004 | 1530.000 | SY | \$3.00760 | THERM TRAF STRIPING, WHITE | \$4,601.63 |
| 1215 | 657-1085 | 1125.000 | LF | \$5.71860 | PRF PL SD PVT MKG,8",B/W,TP PB | \$6,433.43 |
| 1220 | 657-3054 | 3375.000 | GLF | \$2.25511 | PRF PL SK PVMT MKG,5",WH,TP PB | \$7,611.00 |
| 1225 | 657-6054 | 1125.000 | LF | \$4.29046 | PRF PL SD PVMT MKG,5",YW,TP PB | \$4,826.77 |
| SUBTOTAL FOR SIGNING AND MARKING: | | | | | | \$32,308.53 |

040 - LIGHTING

| Line Number | ITEM | QUANTITY | UNITS | PRICE | DESCRIPTION | AMOUNT |
|-------------------------------|----------|----------|-------|-----------------|-----------------|---------------------|
| 1230 | 682-9030 | 1.000 | LS | \$650,000.00000 | LIGHTING SYSTEM | \$650,000.00 |
| SUBTOTAL FOR LIGHTING: | | | | | | \$650,000.00 |

050 - EROSION CONTROL

| Line Number | ITEM | QUANTITY | UNITS | PRICE | DESCRIPTION | AMOUNT |
|--------------------------------------|----------|----------|-------|---------------|---|--------------------|
| 1235 | 163-0232 | 0.500 | AC | \$381.11373 | TEMPORARY GRASSING | \$190.56 |
| 1240 | 163-0240 | 20.000 | TN | \$236.14168 | MULCH | \$4,722.83 |
| 1245 | 163-0300 | 4.000 | EA | \$1,121.50178 | CONSTRUCTION EXIT | \$4,486.01 |
| 1250 | 163-0529 | 520.000 | LF | \$3.63040 | CNST/REM TEMP SED BAR OR BLD STRW CK DM | \$1,887.81 |
| 1255 | 163-0550 | 8.000 | EA | \$263.99833 | CONS & REM INLET SEDIMENT TRAP | \$2,111.99 |
| 1260 | 165-0010 | 500.000 | LF | \$0.75509 | MAINT OF TEMP SILT FENCE, TP A | \$377.55 |
| 1265 | 165-0071 | 260.000 | LF | \$1.35283 | MAINT OF SEDIMENT BARRIER - BALED STRAW | \$351.74 |
| 1270 | 165-0101 | 4.000 | EA | \$543.98631 | MAINT OF CONST EXIT | \$2,175.95 |
| 1275 | 165-0105 | 8.000 | EA | \$63.92815 | MAINT OF INLET SEDIMENT TRAP | \$511.43 |
| 1280 | 171-0010 | 1000.000 | LF | \$1.65151 | TEMPORARY SILT FENCE, TYPE A | \$1,651.51 |
| 1285 | 171-0010 | 80.000 | LF | \$2.21125 | TEMPORARY SILT FENCE, TYPE A | \$176.90 |
| 1290 | 700-6910 | 1.000 | AC | \$745.86799 | PERMANENT GRASSING | \$745.87 |
| 1295 | 700-7000 | 1.250 | TN | \$64.75465 | AGRICULTURAL LIME | \$80.94 |
| 1300 | 700-8000 | 0.450 | TN | \$507.26456 | FERTILIZER MIXED GRADE | \$228.27 |
| 1305 | 700-8100 | 25.000 | LB | \$2.38481 | FERTILIZER NITROGEN CONTENT | \$59.62 |
| 1310 | 716-2000 | 110.000 | SY | \$1.25252 | EROSION CONTROL MATS, SLOPES | \$137.78 |
| SUBTOTAL FOR EROSION CONTROL: | | | | | | \$19,896.76 |

TOTALS FOR JOB 752015

| | |
|---|------------------------|
| ITEMS COST: | \$15,609,255.29 |
| COST GROUP COST: | \$0.00 |
| ESTIMATED COST: | \$17,056,654.71 |
| CONTINGENCY PERCENT: | 0.00 |
| ENGINEERING AND INSPECTION: | 0.00 |
| ESTIMATED COST WITH CONTINGENCY AND E&I: | \$17,056,654.71 |

PROJ. NO.
P.I. NO.
DATE

BRMLB-9001-00(014) Sheet 1 of 2
 #752015
 10/18/2012

CALL NO.

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA) 760.7663147 \$ 760.77
 Monthly Asphalt Cement Price month placed (APM) 913.60
 Monthly Asphalt Cement Price month project let (APL) 571.00
 Total Monthly Tonnage of asphalt cement (TMT) 2.220567177

| Bitum Tack | SY | Gals/SY | Gals | gals/ton | tons |
|--------------------|------|---------|------|----------|-------------|
| Single Surf. Trmt. | | 0.20 | 0 | 232.8234 | 0 |
| Double Surf. Trmt. | 1175 | 0.44 | 517 | 232.8234 | 2.220567177 |
| Triple Surf. Trmt | | 0.71 | 0 | 232.8234 | 0 |
| | | | | | 2.220567177 |

TOTAL LIQUID AC ADJUSTMENT **\$ 4,076.97**

**GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY**

Date: 11/14/2012
Revised:

Project: BRMLB-9007-00(014)
County: Fulton County
PI: 752015

Description: Courtland Street Bridge Replacement
Project Termini: Courtland Street Bridge Replacement

Parcels: 11 Existing ROW: Varies
Required ROW: Varies

Land and Improvements _____ **\$1,153,125.00**

| | |
|----------------------|--------------|
| Proximity Damage | \$0.00 |
| Consequential Damage | \$0.00 |
| Cost to Cures | \$0.00 |
| Trade Fixtures | \$0.00 |
| Improvements | \$200,000.00 |

Valuation Services _____ \$27,500.00

Legal Services _____ \$82,425.00

Relocation _____ \$22,000.00

Demolition _____ \$0.00

Administrative _____ \$94,500.00

TOTAL ESTIMATED COSTS _____ **\$1,379,550.00**

TOTAL ESTIMATED COSTS (ROUNDED) _____ **\$1,380,000.00**

| Preparation Credits | Hours | Signature |
|---------------------|-------|-----------|
| | | |
| | | |
| | | |

Prepared By: Lashon Alexander CG#: _____
Approved By: Lashon Alexander CG#: _____

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

NOTICE OF LOCATION AND DESIGN APPROVAL

BRMLB-9007-00(014), Fulton County P.I. NUMBER 752015

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location approval is December 19, 2012.

The project is located in Fulton County on Courtland Street. The project is located in Land District 14 in Land Lots 52 and 77.

The project is located in downtown Atlanta at the center of the Georgia State University campus. This project will replace all 28 spans of the Courtland Street Bridge over the Metropolitan Atlanta Rapid Transit Authority (MARTA) rail, CSX rail, and Decatur Street. In addition to these crossings, this bridge features access points for vehicles and pedestrians to the buildings and parking garages that adjoin this structure along its surface as well as beneath it.

This proposed project will consist of three 10' wide travel lanes, one 14' wide bus travel lane, and 6' wide sidewalks on both sides. These four lanes provide one-way directional traffic from Gilmer Street towards Martin Luther King, Jr. Blvd (north to south).

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Persephone Goodwin – District 7 Area 4 Engineer
pgoodwin@dot.ga.gov
276 Memorial Drive, S.W.
Atlanta, Georgia 30303
404-853-0402

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:

Genetha Rice-Singleton – State Program Delivery Engineer
grice-singleton@dot.ga.gov
600 West Peachtree Street
Atlanta, Georgia 30308
404-631-1522

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