

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0009211 **OFFICE** Design Policy & Support  
CSCMQ-0009-00(211)  
GDOT District 7 - Metro Atlanta  
Cobb County **DATE** August 1, 2011  
SR 280/South Cobb Drive @ SR 5/Austell Rd.

**FROM**  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:

Genetha Rice-Singleton, Program Control Administrator  
Ron Wishon, State Project Review Engineer  
Phil Copeland, State Right-of-Way Administrator  
Glenn Bowman, State Environmental Administrator  
Bobby Hilliard, State Program Delivery Engineer  
Kathy Zahul, State Traffic Engineer  
Cindy VanDyke, State Transportation Planning Administrator  
Ken Thompson, Location Bureau Chief  
Angela Robinson, Financial Management Administrator  
Sebastian Nesbitt, Area Engineer - D7, A2  
Vicky Gavalas, District Planning & Programming Engineer  
Scott Lee, District Preconstruction Engineer  
Bryant Poole, District Engineer  
David Norwood, Project Manager  
BOARD MEMBER - 13th Congressional District.



- Public Outreach
  - Cobb County has contacted the Austell Road Church of Christ in an attempt to meet with representatives of the congregation to discuss the proposed project improvements. No meeting has taken place as of this correspondence.

**Consistency with Approved Planning:**

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

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

RECOMMEND: Bill R. McPhay  
Director of Engineering

APPROVE: [Signature] 7/28/11  
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: August 1, 2011  
(To be entered by the State Conceptual Design Group Manager)

Attachments:

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



**Construction Cost Estimate - Location & Design**

South Cobb Drive (SR280) at Austell Road (SR5)

PI No. 0009211, Cobb Co. #TR437

Prepared by Kimley-Horn and Associates, Inc. - July 14, 2011

| ITEM #   | ITEM DESCRIPTION  | UNITS | QUANTITY | UNIT PRICE        | COST         |
|----------|---|-------|----------|-------------------|--------------|
|          | ROADWAY ITEM  |       |          |                   |              |
| 150-1000 | TRAFFIC CONTROL - PROJECT NO. CSCMQ-0009-00(211)                          | LS    | LUMP     | 25000.00          | 25000.00     |
| 210-0100 | GRADING COMPLETE - PROJECT NO. CSCMQ-0009-00(211)                         | LS    | LUMP     | 125000.00         | 125000.00    |
| 310-1101 | GR AGGR BASE CRS, INCL MATL   | TN    | 2100     | 16.75             | 35175.00     |
| 318-3000 | AGGREGATE SURFACE COURSE  | TN    | 200      | 15.71             | 3142.00      |
| 402-3121 | RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME   | TN    | 690      | 56.63             | 39074.70     |
| 402-3130 | RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME | TN    | 900      | 61.16             | 55044.00     |
| 402-3190 | RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME   | TN    | 275      | 63.71             | 17520.25     |
| 413-1000 | BITUM TACK COAT   | GL    | 475      | 1.99              | 945.25       |
| 432-0206 | MILL ASPH CONC PVMT, 1 1/2 IN DEPTH                                       | SY    | 7800     | 1.28              | 9984.00      |
| 441-0104 | CONC SIDEWALK, 4 IN   | SY    | 1900     | 28.55             | 54245.00     |
| 441-0740 | CONC MEDIAN, 4 IN   | SY    | 400      | 26.00             | 10400.00     |
| 441-4020 | CONC VALLEY GUTTER, 6 IN  | SY    | 350      | 32.91             | 11518.50     |
| 441-6022 | CONC CURB & GUTTER, 6 IN X 30 IN, TP 2                                    | LF    | 3300     | 18.46             | 60918.00     |
| 441-6720 | CONC CURB & GUTTER, 6 IN X 30 IN, TP 7                                    | LF    | 950      | 10.79             | 10250.50     |
| 446-1100 | PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDE                              | LF    | 2600     | 2.25              | 5850.00      |
| 500-9999 | CLASS B CONC. BASE OR PVMT WIDENING                                       | CY    | 70       | 132.27            | 9258.90      |
| 643-8300 | ORNAMENTAL FENCE  | LF    | 630      | 57.17             | 36017.10     |
| 702-0001 | MISCELLANEOUS LANDSCAPING   | LS    | 1        | 20000.00          | 20000.00     |
|          |   |       |          | SECTION SUB TOTAL | \$529,343.20 |
|          | PERMANENT EROSION CONTROL   |       |          |                   |              |
| 603-2181 | STN DUMPED RIP RAP, TP 3, 18 IN   | SY    | 10       | 39.51             | 395.10       |
| 603-7000 | PLASTIC FILTER FABRIC   | SY    | 10       | 3.38              | 33.80        |
| 700-6910 | PERMANENT GRASSING  | AC    | 2        | 614.21            | 1228.42      |
| 700-7000 | AGRICULTURAL LIME   | TN    | 3        | 48.18             | 144.54       |
| 700-8000 | FERTILIZER MIXED GRADE  | TN    | 2        | 360.57            | 721.14       |
| 700-8100 | FERTILIZER NITROGEN CONTENT   | LB    | 75       | 2.30              | 172.50       |
|          |   |       |          | SECTION SUB TOTAL | \$2,695.50   |
|          | TEMPORARY EROSION CONTROL   |       |          |                   |              |
| 163-0232 | TEMPORARY GRASSING  | AC    | 1        | 165.37            | 165.37       |
| 163-0240 | MULCH   | TN    | 38       | 165.06            | 6272.28      |
| 163-0300 | CONSTRUCTION EXIT   | EA    | 3        | 992.45            | 2977.35      |
| 163-0550 | CONSTRUCT AND REMOVE INLET SEDIMENT TRAP                                  | EA    | 15       | 168.27            | 2524.05      |
| 165-0010 | MAINTENANCE OF TEMPORARY SILT FENCE, TP A                                 | LF    | 3300     | 0.89              | 2937.00      |
| 165-0101 | MAINTENANCE OF TEMPORARY CONSTRUCTION EXIT                                | EA    | 3        | 477.88            | 1433.64      |
| 165-0105 | MAINTENANCE OF INLET SEDIMENT TRAP  | EA    | 15       | 57.40             | 861.00       |
| 167-1000 | WATER QUALITY MONITORING AND SAMPLING                                     | EA    | 2        | 450.46            | 900.92       |
| 167-1500 | WATER QUALITY INSPECTIONS   | MO    | 24       | 637.58            | 15301.92     |
| 171-0010 | TEMPORARY SILT FENCE, TP A  | LF    | 6600     | 1.68              | 11088.00     |
|          |   |       |          | SECTION SUB TOTAL | \$44,461.53  |
|          | SIGNING & MARKING   |       |          |                   |              |
| 636-1033 | HIGHWAY SIGNS, TP1 MATL, REFL SHEETING, TP 9                              | SF    | 160      | 17.20             | 2752.00      |
| 636-2070 | GALV STEEL POSTS, TP 7  | LF    | 150      | 6.38              | 957.00       |
| 639-4003 | STRAIN POLE, TP III   | EA    | 2        | 6120.17           | 12240.34     |
| 639-4004 | STRAIN POLE, TP IV  | EA    | 1        | 5833.22           | 5833.22      |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO - 1  | LS    | 1        | 125000.00         | 125000.00    |
| 653-0120 | THERMOPLASTIC PVMT MARKING, ARROW, TP 2                                   | EA    | 12       | 70.03             | 840.36       |
| 653-1501 | THERMOPLASTIC SOLID TRAF STRIPE, 5 IN. WHITE                              | LF    | 1250     | 0.38              | 475.00       |
| 653-1502 | THERMOPLASTIC SOLID TRAF STRIPE, 5 IN. YELLOW                             | LF    | 1000     | 0.39              | 390.00       |
| 653-1704 | THERMOPLASTIC SOLID TRAF STRIPE, 24 IN. WHITE                             | LF    | 120      | 3.56              | 427.20       |
| 653-1804 | THERMOPLASTIC SOLID TRAF STRIPE, 8 IN. WHITE                              | LF    | 1400     | 1.77              | 2478.00      |
| 653-3501 | THERMOPLASTIC SKIP TRAF STRIPE, 5 IN. WHITE                               | GLF   | 1200     | 0.31              | 372.00       |
| 653-6004 | THERMOPLASTIC TRAF STRIPING, WHITE  | SY    | 700      | 2.60              | 1820.00      |
| 653-6006 | THERMOPLASTIC TRAF STRIPING, YELLOW                                       | SY    | 20       | 2.56              | 51.20        |
| 936-1000 | CCTV SYSTEM   | EA    | 1        | 5100.00           | 5100.00      |
|          |   |       |          | SECTION SUB TOTAL | \$158,736.32 |
|          | DRAINAGE ITEMS  |       |          |                   |              |
| 550-1180 | STORM DRAIN PIPE, 18 IN, H 1-10   | LF    | 1500     | 28.22             | 42330.00     |
| 550-4218 | FLARED END SECTION 18 IN, STORM DRAIN                                     | EA    | 1        | 443.31            | 443.31       |
| 668-1100 | CATCH BASIN, GP 1   | EA    | 15       | 2032.11           | 30481.65     |
|          |   |       |          | SECTION SUB TOTAL | \$73,254.96  |

TOTAL \$808,491.51

SUBTOTAL CONSTRUCTION COST \$808,492

E & C RATE 5.0% \$40,425

TOTAL CONSTRUCTION COST \$848,916

# NOTICE OF LOCATION AND DESIGN APPROVAL

*Intersection Improvements  
South Cobb Drive (SR 280) at Austell Road (SR 5)  
Project Number CSCMQ-0009-00(211) Cobb County  
P. I. No. 0009211*

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 the above project.

The date of location approval is: August 1, 2011

Project CSCMQ-0009-00(211) consists of intersection operational improvements at the intersection of South Cobb Drive/SR 280 at Austell Road/SR 5. The project would consist of realigning Austell Road slightly north of its current traffic pattern, and would construct additional left-turning lanes on the west side of Austell Road. Additionally, a right turn lane is proposed to be added to the northbound approach along South Cobb Drive. Design improvements to this intersection would include provisions for large trucks, and ADA-compliant pedestrian facilities along all four legs of the intersection. The total proposed project length is approximately 1,500 feet (0.29 miles) along Austell Road and 615 feet (0.12 miles) along South Cobb Drive. This project is located in Cobb County in Land Lots 223, 224, 281, and 282; and is in Land District 17.

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:

Sebastian Nesbitt  
Area Engineer  
1269 Kennestone Circle  
Marietta, GA 30066  
770-528-3238  
[snestitt@dot.ga.gov](mailto:snestitt@dot.ga.gov)

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:

Bobby Hilliard, P.E.  
State Program Delivery Engineer  
Georgia Department of Transportation  
600 West Peachtree Street  
Atlanta, GA 30308  
404-631-1122  
[bhilliard@dot.ga.gov](mailto:bhilliard@dot.ga.gov)

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