

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0010941

**OFFICE** Design Policy & Support

Fulton County  
GDOT District 7 - Metro Atlanta  
Intersection Improvements: SR 154/166 @  
CR 472/Niskey Lake Road

**DATE** 5/19/2016

**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:**

Hiral Patel, 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  
Darryl VanMeter, State Innovative Delivery Engineer  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Eric Duff, State Environmental Administrator  
Andrew Heath, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Andy Casey, State Roadway Design Engineer  
Attn: Gerald Ford, Design Engineer, District 7  
Richard Cobb, Location Bureau Chief  
Kathy Zahul, District Engineer  
Scott Lee, District Preconstruction Engineer  
Kevin Cowan, District Planning & Programming Engineer  
Lankston Johnson, Area Engineer - D7, A3  
Tim Evans, Project Manager  
BOARD MEMBER - 5th Congressional District

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTEROFFICE CORRESPONDENCE  
LOCATION AND DESIGN REPORT

FILE *Fulton County*  
*P.I. No. 0010941*  
*SR 154/166/Campbellton Rd @*  
*CR 472/Niskey Lake Rd*

OFFICE *Program Delivery*

DATE *February 29, 2016*

FROM *Albert V. Shebly, III, State Program Delivery Engineer*  
*Albert Shebly*  
TO *Brent Story, P.E., State Design Policy Engineer/*  
*Attn: Dave Peters, P.E., State Conceptual Design Group Manager*

SUBJECT **Request for Location and Design Approval**

**Description and Project Proposal:**

*This project proposes to improve the operational efficiency of the intersection, by widening symmetrically to add a 12' left turn lanes in both directions on SR 154/166. The turn bays will be 250' long with 100' entry tapers. In addition, 5' sidewalks will be added along both sides of SR154/166/Campbellton Rd. Curb and gutter will be constructed for the entire project length and drainage structures placed where needed on SR154/166/Campbellton Rd. Header curb will be constructed for the entire project length and drainage structures placed where needed on CR472/Niskey Lake Rd. The existing traffic signal will be upgraded to accommodate the new lane configuration.*

**Concept Approval Date:** *October 26, 2014*

**Concept Update:** *There have been no changes to the Concept Report since the Concept Approval.*

**Environmental Document:**

Document Type: *Categorical Exclusion*

Approval Date: *May 19, 2016* EPA

**Temporary State Route Needed:**  No  Yes  Undetermined

**Public Involvement:** *Because this project is not expected to be controversial and because the improvements benefit the community by providing sidewalks for pedestrians, no public involvement took place.*

**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.*

Concur: *Tim Buel*  
GDOT Director of Engineering

Approve: *Margaret B. Pickle* *4.18.16*  
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: *May 23, 2016*  
State Conceptual Design Group Manager

Attachments:

- Notice of Location and Design Approval
- ~~CE Signature Page~~ **(EKP)**
- Sketch Map
- Construction Cost Estimate

**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**PROJECT NUMBER AND COUNTY**  
**P. I. NUMBER**

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 and design approval is: May 23, 2016.

*The project consists of an intersection improvement at SR 154/166/Campbellton Rd and CR472/Niskey Lake Rd in Fulton County Land Lot No.43 and Land District No.14.*

*This project proposes to improve the operational efficiency of the intersection, by widening symmetrically to add left turn lanes on SR 154/166. The turn bays will be 250' long with 100' entry tapers. The existing traffic signal will be upgraded to accommodate the new lane configuration.*

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:

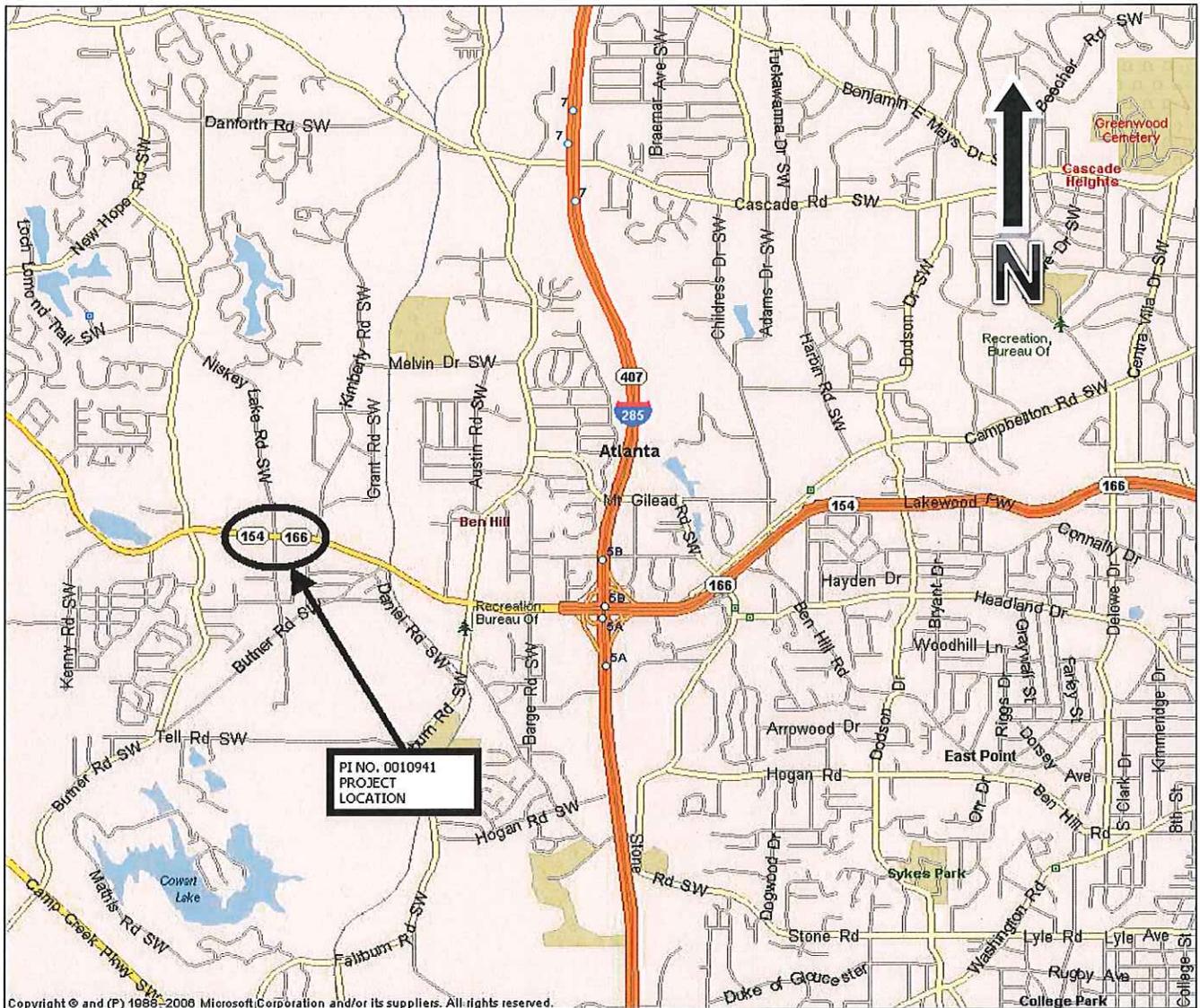
*Lankston Johnson  
Area 3 Engineer, District 7  
[lajohnson@dot.ga.gov](mailto:lajohnson@dot.ga.gov)  
Georgia Department of Transportation  
4125 Roosevelt Hwy  
College Park, GA 30349  
(404) 559-6699*

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:

*Albert V. Shelby, III  
Office of Program Delivery  
Attn: Timothy Evans, Project Manager  
[tievans@dot.ga.gov](mailto:tievans@dot.ga.gov)  
Georgia Department of Transportation  
600 West Peachtree Street, 25<sup>th</sup> Floor  
Atlanta, GA 30308  
(404) 631-1555*

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.

# PROJECT LOCATION



**SR 154/166 Campbellton Rd at CR 472/Niskey  
Lake Rd  
Intersection Improvement  
PI No. 0010941  
Fulton County**

# DETAILED COST ESTIMATE



**Job: 0010941 CK DRFT**

JOB NUMBER 0010941\_CK DRFT

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: SR 154/166 @ CR 472/NISKEY LAKE RD

**ITEMS FOR JOB 0010941 CK DRFT**

**0010 - ROADWAY**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0025	150-1000	1.000	LS	\$75,000.00000	TRAFFIC CONTROL - PI NO. 0010941	\$75,000.00
0030	210-0100	1.000	LS	\$75,000.00000	GRADING COMPLETE - PI NO. 0010941	\$75,000.00
0035	310-1101	70.000	TN	\$32.70914	GR AGGR BASE CRS, INCL MATL	\$2,289.64
0038	318-3000	100.000	TN	\$23.26351	AGGR SURF CRS	\$2,326.35
0245	402-1812	100.000	TN	\$94.09103	RECYL AC LEVELING, INC BM&HL	\$9,409.10
0039	402-3121	40.000	TN	\$96.91373	RECYL AC 25MM SP, GP1/2, BM&HL	\$3,876.55
0045	402-3190	20.000	TN	\$109.55228	RECYL AC 19 MM SP, GP 1 OR 2, INC BM&HL	\$2,191.05
0040	402-4510	449.000	TN	\$91.58925	RECYL AC 12.5 MM SP, GP2 ONLY, INC P-MBM&HL	\$41,123.57
0059	432-5010	4500.000	SY	\$4.00905	MILL ASPH CONC PVMT, VARB DEPTH	\$18,040.73
0070	441-0016	144.000	SY	\$37.90085	DRIVEWAY CONCRETE, 6 IN TK	\$5,457.72
0065	441-0104	1434.000	SY	\$32.57206	CONC SIDEWALK, 4 IN	\$46,708.33
0069	441-0108	48.000	SY	\$60.17119	CONC SIDEWALK, 8 IN	\$2,888.22
0080	446-1100	1200.000	LF	\$6.10118	PVMT REF FAB STRIPS, TP2, 18 INCH WIDTH	\$7,321.42
0085	500-9999	50.000	CY	\$189.69902	CL B CONC, BASE OR PVMT WIDEN	\$9,484.95
0240	611-8055	12.000	EA	\$1,600.00000	ADJUST MINOR STRUCT TO GRADE	\$19,200.00
0095	634-1200	34.000	EA	\$114.06736	RIGHT OF WAY MARKERS	\$3,878.29
0230	643-8200	1060.000	LF	\$1.28784	BARRIER FENCE (ORANGE), 4 FT	\$1,365.11
<b>SUBTOTAL FOR ROADWAY:</b>						<b>\$325,561.03</b>

**0020 - EROSION**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0155	163-0232	2.000	AC	\$103.50324	TEMPORARY GRASSING	\$207.01
0160	163-0240	15.000	TN	\$313.42655	MULCH	\$4,701.40
0195	163-0550	1.000	EA	\$140.50805	CONS & REM INLET SEDIMENT TRAP	\$140.51
0165	165-0030	1125.000	LF	\$0.79001	MAINT OF TEMP SILT FENCE, TP C	\$888.76
0225	165-0101	12.000	EA	\$658.87499	MAINT OF CONST EXIT	\$7,906.50
0200	165-0105	1.000	EA	\$62.70165	MAINT OF INLET SEDIMENT TRAP	\$62.70
0170	171-0030	2250.000	LF	\$2.92302	TEMPORARY SILT FENCE, TYPE C	\$6,576.80
0175	603-2180	47.000	SY	\$38.48157	STN DUMPED RIP RAP, TP 3, 12"	\$1,808.63
0180	700-6910	3.000	AC	\$901.35712	PERMANENT GRASSING	\$2,704.07
0185	700-7000	9.000	TN	\$92.96767	AGRICULTURAL LIME	\$836.71
0235	700-8000	9.000	TN	\$613.19389	FERTILIZER MIXED GRADE	\$5,518.75
0190	700-8100	450.000	LB	\$2.52792	FERTILIZER NITROGEN CONTENT	\$1,137.56
<b>SUBTOTAL FOR EROSION:</b>						<b>\$32,489.40</b>

# DETAILED COST ESTIMATE



Job: 0010941\_CK DRFT

## 0030 - DRAINAGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0210	550-1180	741.000	LF	\$38.24823	STM DR PIPE 18",H 1-10	\$28,341.94
0090	550-4118	1.000	EA	\$505.72816	FLARED END SECT 18 IN, SIDE DR	\$505.73
<b>SUBTOTAL FOR DRAINAGE:</b>						<b>\$28,847.67</b>

## 0050 - SIGNING & MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0100	636-1020	100.000	SF	\$14.69887	HWY SGN,TP1MAT,REFL SH TP3	\$1,469.89
0105	636-2070	195.000	LF	\$8.20097	GALV STEEL POSTS, TP 7	\$1,599.19
0250	639-5000	4.000	EA	\$6,417.04357	PRESTRESSED CONC STR POLE, TP- IV	\$25,668.17
0110	647-1000	1.000	LS	\$75,000.00000	TRAF SIGNAL INSTALLATION NO - 1	\$75,000.00
0115	653-0120	6.000	EA	\$78.12792	THERM PVMT MARK, ARROW, TP 2	\$468.77
0120	653-1501	4140.000	LF	\$0.55328	THERMO SOLID TRAF ST 5 IN, WHI	\$2,290.58
0125	653-1704	75.000	LF	\$6.43753	THERM SOLID TRAF STRIPE,24",WH	\$482.81
0130	653-1804	620.000	LF	\$2.24155	THERM SOLID TRAF STRIPE, 8",WH	\$1,389.76
0135	653-2502	1.000	LM	\$1,509.16494	THERMO SOLID TRAF ST, 5 IN YE	\$1,509.16
0140	653-6006	202.000	SY	\$3.93630	THERM TRAF STRIPING, YELLOW	\$795.13
0145	654-1001	150.000	EA	\$3.84379	RAISED PVMT MARKERS TP 1	\$576.57
0150	654-1003	75.000	EA	\$3.90762	RAISED PVMT MARKERS TP 3	\$293.07
<b>SUBTOTAL FOR SIGNING &amp; MARKING:</b>						<b>\$111,543.10</b>

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0265	441-0300	4.000	EA	\$2,137.03441	CONC SPILLWAY, SPCL DES	\$8,548.14
0270	441-5008	500.000	LF	\$12.68660	CONC HEADER CURB, 6 IN, TP 7	\$6,343.30
0275	441-6740	2180.000	LF	\$14.06181	CONC CURB & GUTTER/ 8"X30" TP7	\$30,654.75
0260	668-1100	8.000	EA	\$2,209.90473	CATCH BASIN, GP 1	\$17,679.24
<b>SUBTOTAL FOR :</b>						<b>\$63,225.43</b>

### TOTALS FOR JOB 0010941\_CK DRFT

<b>ITEMS COST:</b>	<b>\$561,666.63</b>
<b>COST GROUP COST:</b>	<b>\$0.00</b>
<b>ESTIMATED COST:</b>	<b>\$561,666.63</b>
<b>CONTINGENCY PERCENT:</b>	<b>0.10</b>
<b>ENGINEERING AND INSPECTION:</b>	<b>0.05</b>
<b>ESTIMATED COST WITH CONTINGENCY AND E&amp;I:</b>	<b>\$645,916.62</b>