

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0012831

OFFICE Design Policy & Support

Forsyth County
GDOT District 1 - Gainesville
SR 20 Operational Improvements from SR
400 NB Ramp to Ronald Reagan Blvd.

DATE 12/16/2015

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/State Environmental Administrator
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
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Andy Casey, State Roadway Design Engineer
Attn: Justin Lott, Design Group Manager
Richard Cobb, Location Bureau Chief
Brent Cook, District Engineer
Brandon Kirby, District Preconstruction Engineer
Kim Coley, District Planning & Programming Engineer
Doug Wood, Area Engineer - D1, A1
Davida White, Project Manager
BOARD MEMBER - 7th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT**

FILE P.I. 0012831
Forsyth County
SR 20 from SR 400 NB Ramp to
Ronald Reagan Boulevard

OFFICE Program Delivery

DATE 11/20/2015

FROM Albert V. Shelby, III, State Program Delivery Engineer *MSK*

TO Brent Story, P.E., State Design Policy Engineer/Attn: Dave Peters, State Conceptual Design Group Manager

SUBJECT Request for Location and Design Approval

Description and Project Proposal: The proposed operational improvement project would consist of providing a left-in/right-in/right-out median opening at Lowe's driveway on SR 20. This concept would also involve converting one of the left turn lanes from SR 20 to GA 400 NB ramp into a through lane. The improvements would serve to alleviate congestion toward Market Place Blvd.

Concept Approval Date: December 17, 2014

Concept Update: No Changes

Environmental Document:

Document Type: Programmatic Categorical Exclusion

Approval Date: 11/17/2015

Temporary State Route Needed: No Yes Undetermined

Public Involvement: No Public Involvement

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: *Alan Bonner*
GDOT Director of Engineering

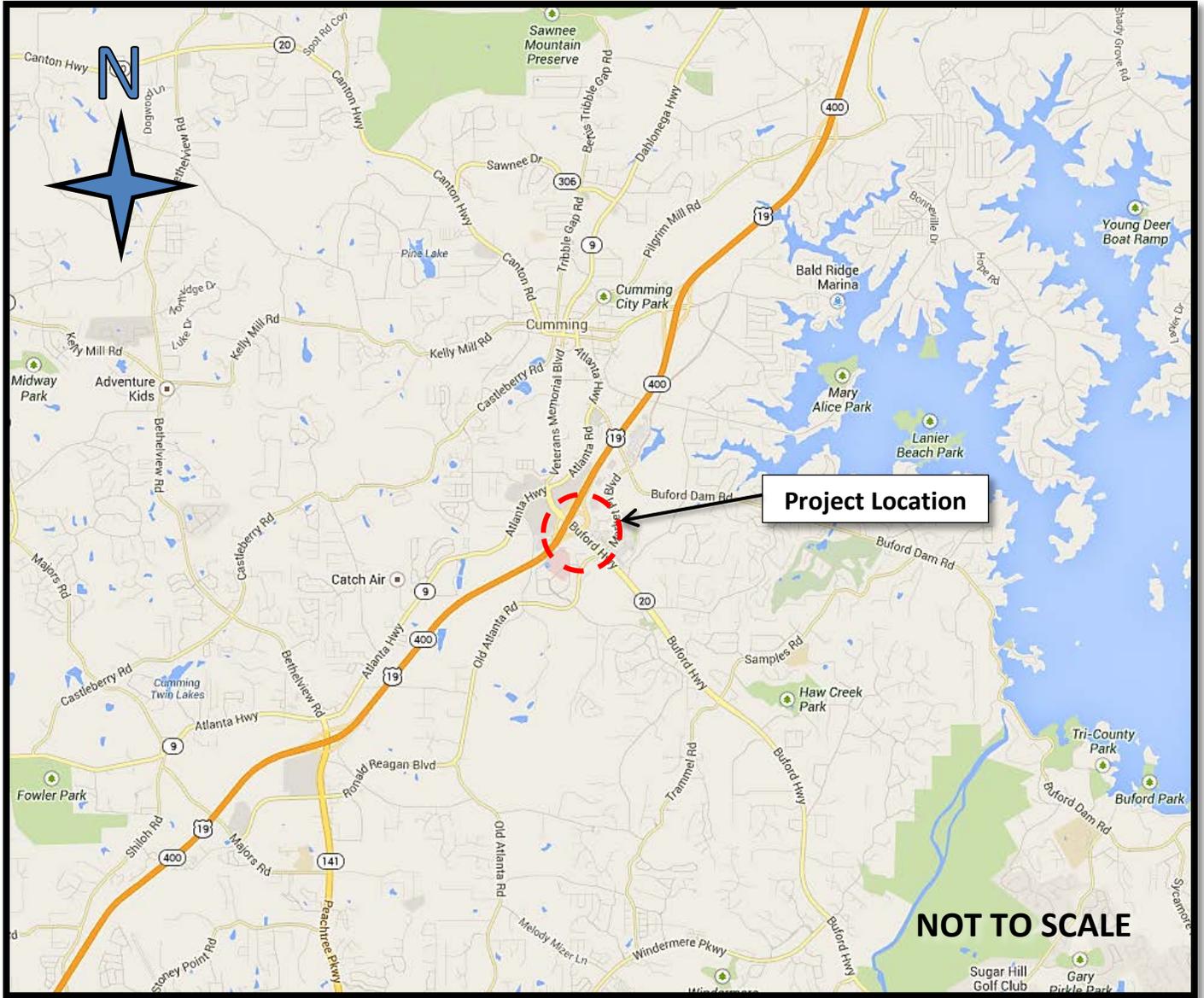
Approve: *Margaret B. Pirkle* *12.9.15*
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: *December 17, 2015*
(To be entered by State Conceptual Design Group Manager)

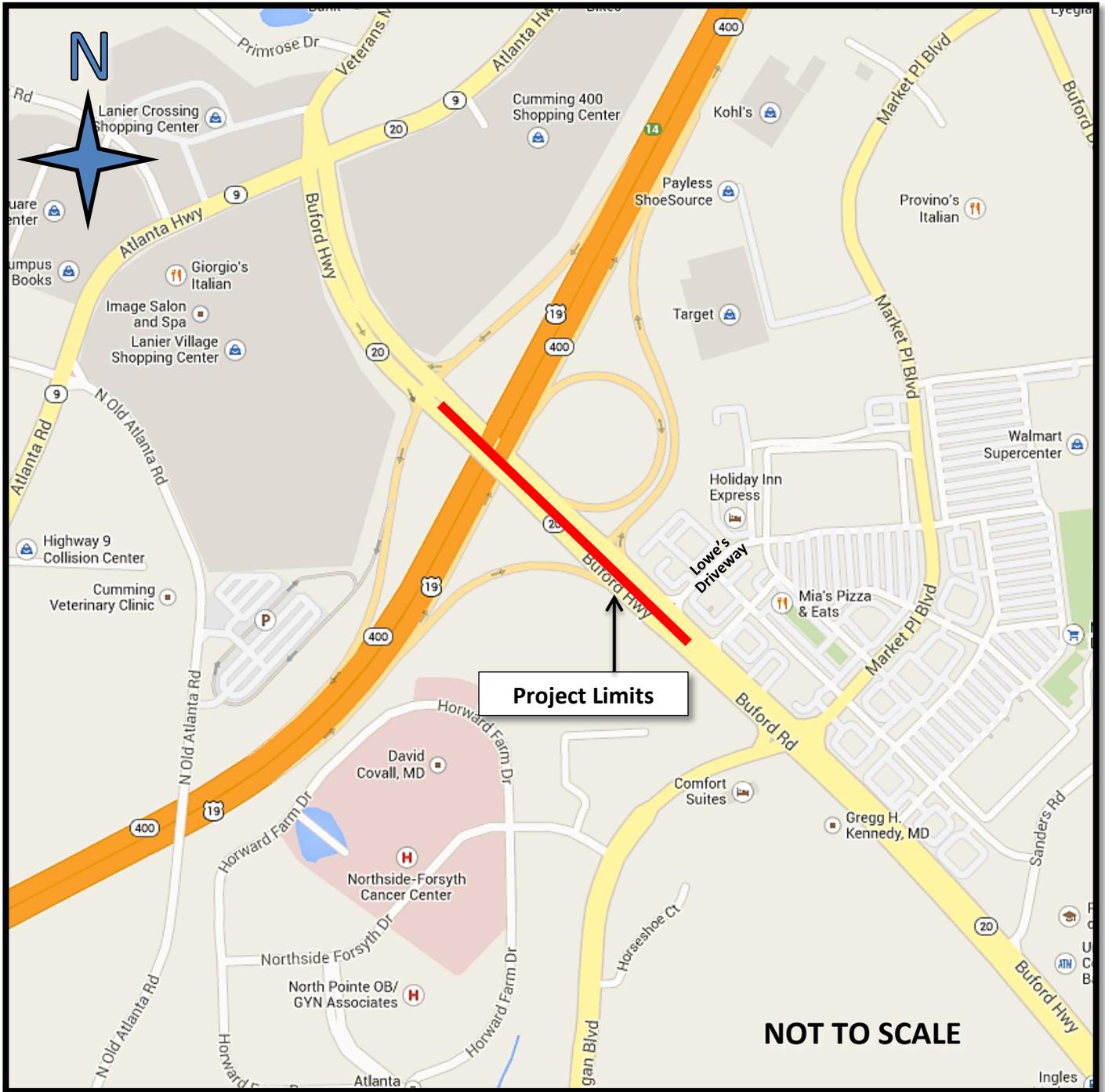
Attachments:

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

PROJECT LOCATION



PROJECT LOCATION



DETAILED COST ESTIMATE



Job: 0012831

JOB NUMBER 0012831

FED/STATE PROJECT NUMBER 0012831

SPEC YEAR: 13

DESCRIPTION: SR 20 BETWEEN GA 400 & MARKET PLACE BLVD/RONALD REAGAN BLVD

ITEMS FOR JOB 0012831

0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$25,000.00000	TRAFFIC CONTROL - TRAFFIC CTRL	\$25,000.00
0010	210-0100	1.000	LS	\$40,000.00000	GRADING COMPLETE - GRADING COMPLETE	\$40,000.00
0025	310-1101	1064.000	TN	\$23.95384	GR AGGR BASE CRS, INCL MATL	\$25,486.89
0020	402-3113	341.000	TN	\$76.67992	RECYL AC 12.5MM SP,GP1/2,BM&HL	\$26,147.85
0035	402-3121	729.000	TN	\$84.21188	RECYL AC 25MM SP,GP1/2,BM&HL	\$61,390.46
0030	402-3190	208.000	TN	\$94.75628	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$19,709.31
0040	413-1000	132.000	GL	\$3.71787	BITUM TACK COAT	\$490.76
0045	432-0206	2240.000	SY	\$3.70520	MILL ASPH CONC PVMT/ 1.50 DEP	\$8,299.65
0050	441-0754	167.000	SY	\$53.29128	CONC MEDIAN, 7 1/2 IN	\$8,899.64
0200	441-3999	642.000	LF	\$17.79824	CONCRETE V GUTTER	\$11,426.47
0220	446-1100	400.000	LF	\$7.07550	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	\$2,830.20
SUBTOTAL FOR ROADWAY:						\$229,681.23

0020 - DRAINAGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0065	550-1180	426.000	LF	\$37.10130	STM DR PIPE 18,H 1-10	\$15,805.15
0055	668-2100	4.000	EA	\$2,026.07660	DROP INLET, GP 1	\$8,104.31
0205	668-4300	1.000	EA	\$1,762.40892	STORM SEW MANHOLE, TP 1	\$1,762.41
0210	668-4311	1.000	LF	\$191.90630	ST SEW MANHOLE,TP 1,A DEP,CL 1	\$191.91
SUBTOTAL FOR DRAINAGE:						\$25,863.78

0030 - SIGNING & MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0080	653-0110	7.000	EA	\$72.58981	THERM PVMT MARK, ARROW, TP 1	\$508.13
0085	653-0120	3.000	EA	\$85.94414	THERM PVMT MARK, ARROW, TP 2	\$257.83
0095	653-1501	2750.000	LF	\$0.62553	THERMO SOLID TRAF ST 5 IN, WHI	\$1,720.21
0100	653-1502	875.000	LF	\$0.70508	THERMO SOLID TRAF ST, 5 IN YEL	\$616.95
0105	653-1704	12.000	LF	\$6.19760	THERM SOLID TRAF STRIPE,24,WH	\$74.37
0215	654-1003	106.000	EA	\$4.84579	RAISED PVMT MARKERS TP 3	\$513.65
0185	657-1054	630.000	LF	\$3.42561	PRF PL SD PVMT MKG,5,WH,TP PB	\$2,158.13
0195	657-5016	2.000	EA	\$505.00000	PRF PL PVT MKG,ARW TP1,WH,TPPB	\$1,010.00
SUBTOTAL FOR SIGNING & MARKING:						\$6,859.27

DETAILED COST ESTIMATE



Job: 0012831

0040 - EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0150	163-0232	0.500	AC	\$557.27258	TEMPORARY GRASSING	\$278.64
0120	163-0240	5.600	TN	\$211.30835	MULCH	\$1,183.33
0125	163-0300	1.000	EA	\$1,307.64364	CONSTRUCTION EXIT	\$1,307.64
0170	163-0550	9.000	EA	\$146.95790	CONS & REM INLET SEDIMENT TRAP	\$1,322.62
0130	165-0010	250.000	LF	\$0.93043	MAINT OF TEMP SILT FENCE, TP A	\$232.61
0135	165-0101	1.000	EA	\$560.52732	MAINT OF CONST EXIT	\$560.53
0140	171-0010	250.000	LF	\$2.08675	TEMPORARY SILT FENCE, TYPE A	\$521.69
0145	700-6910	0.400	AC	\$1,120.48605	PERMANENT GRASSING	\$448.19
0155	700-7000	1.400	TN	\$192.35733	AGRICULTURAL LIME	\$269.30
0160	700-8000	0.300	TN	\$624.89282	FERTILIZER MIXED GRADE	\$187.47
0165	700-8100	17.500	LB	\$2.90017	FERTILIZER NITROGEN CONTENT	\$50.75
SUBTOTAL FOR EROSION CONTROL:						\$6,362.77

TOTALS FOR JOB 0012831

ITEMS COST:	\$268,767.05
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$268,767.05
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$282,205.40

NOTICE OF LOCATION AND DESIGN APPROVAL

P. I. 0012831, FORSYTH COUNTY

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: December 17, 2015

The proposed operational improvement project would consist of providing a left-in/right-in/right-out median opening at Lowe's driveway on SR 20. This concept would also involve converting one of the left turn lanes from SR 20 to GA 400 NB ramp into a through lane. The improvements would serve to alleviate congestion toward Market Place Blvd.

The project is located in Land Lots 207, 208, 224 and 225.

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:

Doug Wood
GDOT District 1, Area 1 Engineer
dwood@dot.ga.gov
2594 Gillsville Highway
Gainesville, GA 30507
(770) 531-5884

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
GDOT Office of Program Delivery
Attn: *David White*
dwhite@dot.ga.gov
Georgia Department of Transportation
600 West Peachtree Street, 25th Floor Cubicle 2527
Atlanta, GA 30308
(404) 631-1717

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.