

Project Concept Report page 21  
Project Number: STP00-0186-01(038)  
P. I. Number: 731830  
County: Fulton

**Attachments:**

1. Cost Estimate for Preferred Alternative
2. Typical sections
3. Concept Plan for each Alternative
4. Design Traffic Approval Letter
5. Traffic Diagrams
6. Traffic Analysis Memorandum with Attachments (Includes Capacity Analysis Summaries and Signal Warrant Studies)
7. Minutes of Concept Meetings
8. Summary of Comments received during PIOH's
9. Street Lighting commitment Letter
10. Roundabout Operational Evaluation prepared by Kittelson & Assoc, dated 3/3/2011
11. Project Schedule
12. Benefit/Cost Analysis
13. Completed Fuel/Asphalt price adjustment form

Concur: Bill R McManis  
Director of Engineering

Approve: David M. Ross  
Chief Engineer

Date: 7/21/2011

**Campbellton Road @ Boat Rock Road / New Hope Road**  
Project Number STP-186-1(38), P.I. # 731830

**Conceptual Cost Estimate - Preferred Alternative**  
April 27, 2011

<b>Section Grading and Drainage</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
210-0100	1	LS	\$120,000.00	Grading Complete	\$120,000.00
	1	LS	\$100,000.00	Typical Drainage - Urban Section	\$100,000.00
<b>Section Sub Total</b>					<b>\$220,000.00</b>

<b>Section Base and Paving</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	5496	TN	\$14.89	GR Aggr Base Course, Incl Matl	\$81,835.44
402-1811	70	TN	\$60.74	Asphalt Concrete Leveling	\$4,251.80
402-3141	1235	TN	\$56.36	Asph Conc 12.5 mm Superpave	\$69,604.60
402-3190	1100	TN	\$58.42	Recycled Asph Conc 19 mm Superpave	\$64,262.00
402-3121	2198	TN	\$54.72	Recycled Asph Conc 25 mm Superpave	\$120,274.56
413-1000	400	GL	\$1.74	Bitum Tack Coat	\$696.00
					<b>\$340,924.40</b>

<b>Section Lump Sums</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	\$150,000.00	Traffic Control	\$150,000.00
					<b>\$150,000.00</b>

<b>Section Miscellaneous</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
153-1300	1	LS	\$63,997.00	Field Engineers Office TP 3	\$63,997.00
N/A	1	LS	\$10,000.00	Pedestrian Lighting	\$10,000.00
N/A	1	LS	\$20,000.00	Roundabout Lighting	\$20,000.00
					<b>\$93,997.00</b>

<b>Section Pavement Marking</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
653-1501	1200	LF	\$0.31	Thermo Solid Traffic Stripe, 5" White	\$372.00
653-1502	6100	LF	\$0.32	Thermo Solid Traffic Stripe, 5" Yellow	\$1,952.00
653-1804	1960	LF	\$1.69	Thermo Solid Traffic Stripe, 8" White	\$3,312.40
653-6004	150	SY	\$2.51	Thermo Traffic Striping, White	\$376.50
653-6006	260	SY	\$2.57	Thermo Traffic Striping, Yellow	\$668.20
654-1001	150	EA	\$2.93	RPM, TP 1	\$439.50
654-1003	250	EA	\$3.29	RPM, TP 3	\$822.50
					<b>\$7,943.10</b>

<b>Section Roadway Items</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0018	200	SY	\$34.54	Driveway Concrete, 8"	\$6,908.00
441-0104	5288	SY	\$23.60	Conc. Sidewalk, 4"	\$124,796.80
441-0754	1611	SY	\$41.07	Conc. Median, 7.5"	\$66,163.77
441-6222	7724	LF	\$12.00	Concrete Curb and Gutter, 8"x30", TP 2 or 7	\$92,688.00
702-6000	6032	SF	\$5.00	Brick Pavers - Std. - Red	\$30,160.00
					<b>\$320,716.57</b>

Estimated Construction Cost \$1,133,581.07

Total Estimated Construction Cost **\$1,133,581.07**

E & I Rate 15% \$170,037.16

Total Fuel Price Adjustment \$150,471.34

**Total Construction Cost \$1,454,089.57**

<b>Section R/W and Easements</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
	77565	SF	\$17.00	Right-of-Way*	\$1,318,605.00
	44888	SF	\$13.00	Easements*	\$583,544.00

\* Includes Admin/ Court Costs/Inflation

**Right-of-Way Cost \$1,902,149.00**

Environmental Mitigation Cost \$0.00

Reimbursable Utility Cost \$375,000.00

Preliminary Engineering \$230,000.00

**Grand Project Total Estimate \$3,961,238.57**

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** STP00-0186-01(038) Fulton County  
SR 166 – Campbellton Road @ Boat Rock/ New Roads  
P.I. No. 731830

**OFFICE** District 7  
Chamblee

**DATE** September 9, 2010

**FROM** Bryant R. Poole  
District Engineer

**TO** Bobby Hilliard P.E., State Program Delivery Engineer  
**ATTN** Ernay Robinson

**SUBJECT** PRELIMINARY UTILITY COST (ESTIMATE)

As requested by your office, we are furnishing you with a Preliminary Utility Cost estimates for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON- REIMBURSABLE	REIMBURSABLE
Atlanta Gas Light Company	\$ 30,000.00	
AT&T Formerly BellSouth	\$200,000.00	\$240,000.00
Georgia Power Distribution		\$135,000.00
<hr/>		
<b>Totals</b>	<b>\$230,000.00</b>	<b>\$375,000.00</b>

Total reimbursable cost for the above project is \$375,000.00.

If you have any questions, please contact Yulonda Pride-Foster at 770-986-1117.

Sincerely,

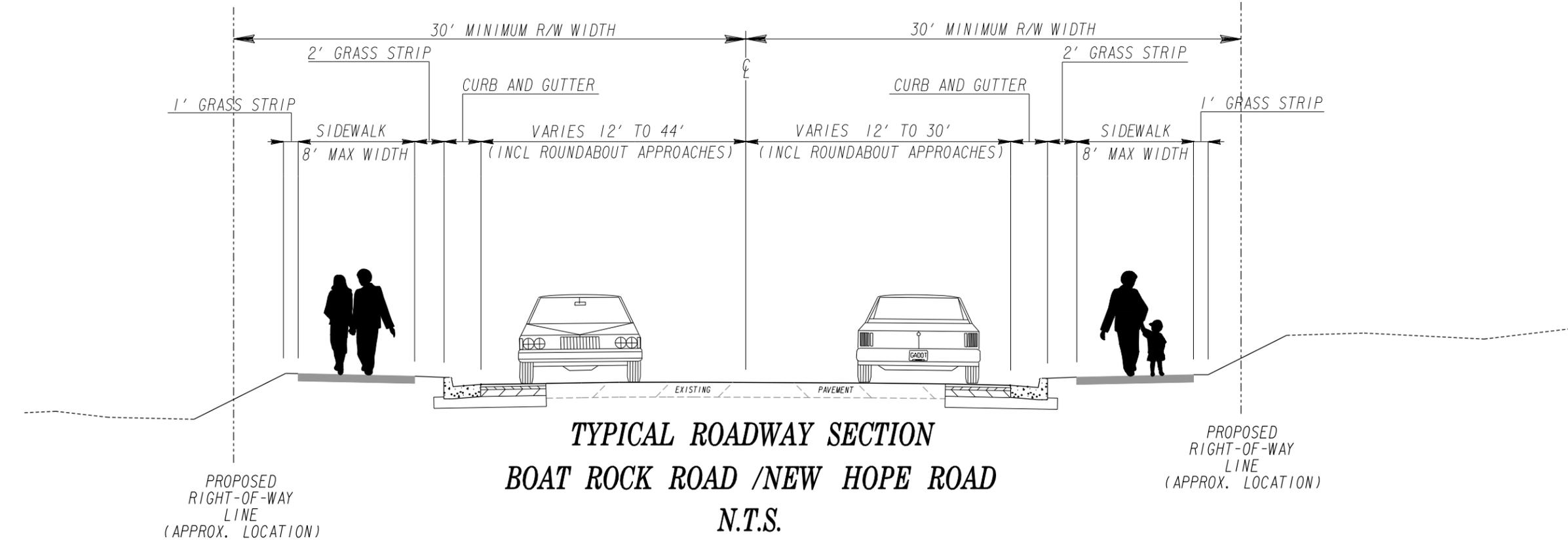
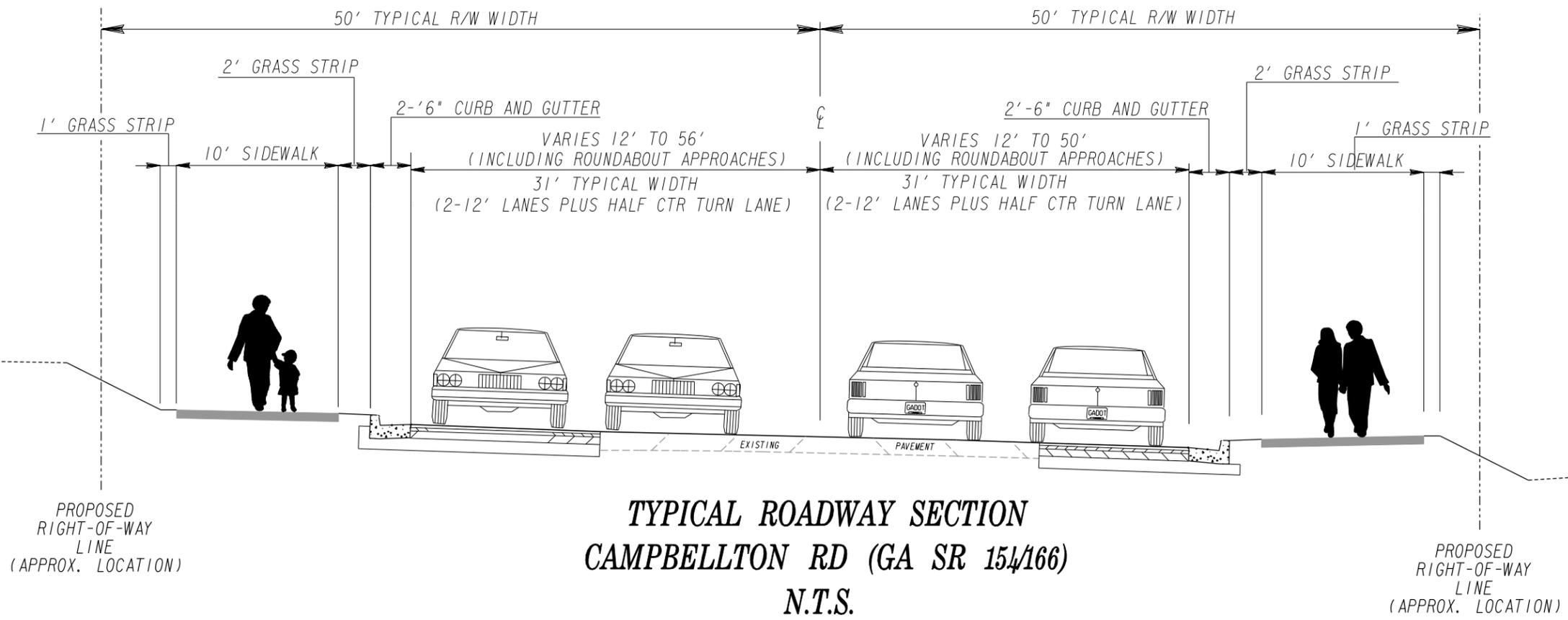
Bryant R. Poole  
District Engineer



By: Jonathan Walker  
District Utilities Engineer

BRP/JW/YPF

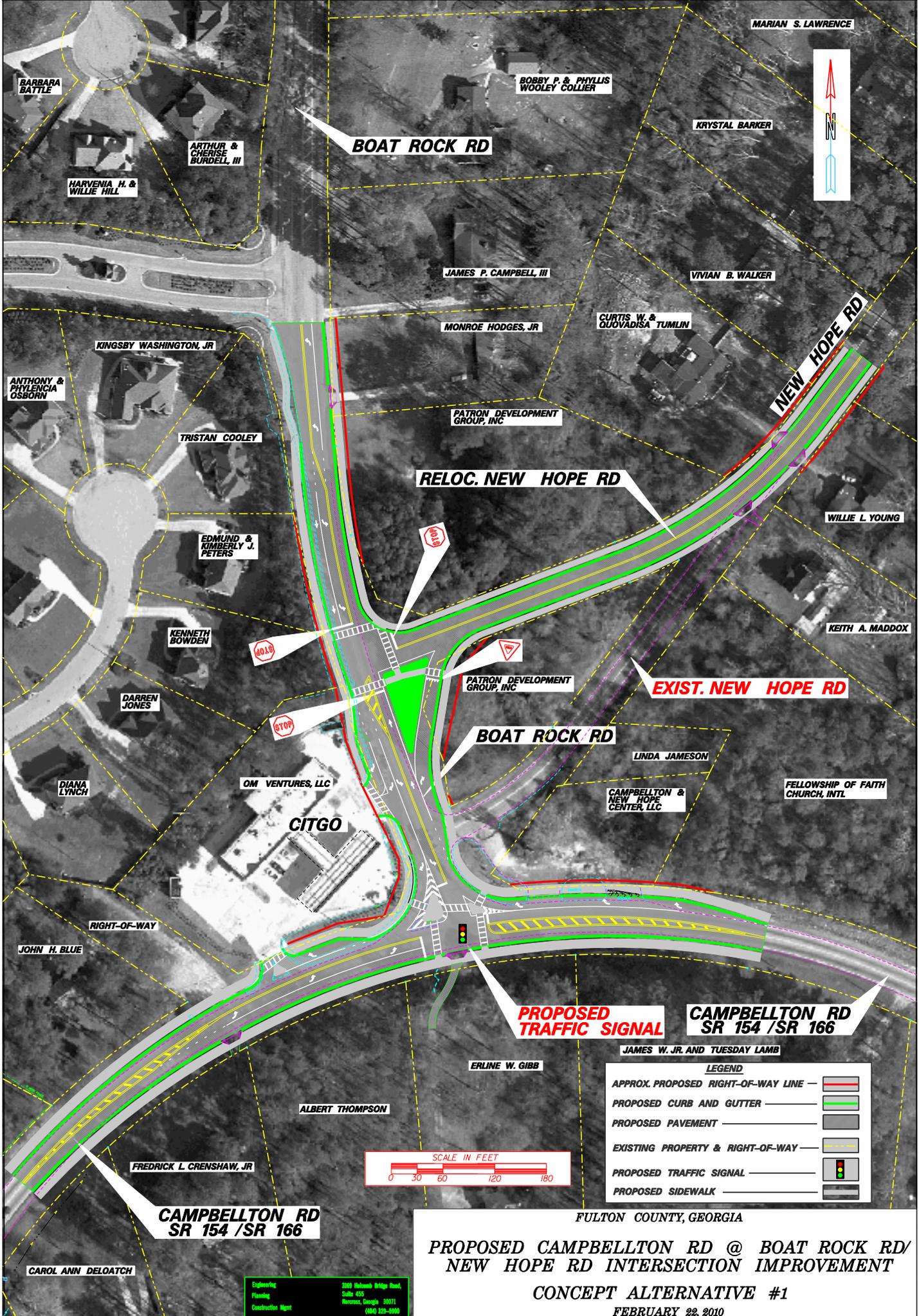
C: Jeff Baker, P.E., State Utilities Engineer  
Angela Robinson, Office of Financial Management  
Mike Hill, Area Engineer



FULTON COUNTY, GEORGIA PI#731830  
**TYPICAL SECTIONS**  
**PROPOSED CAMPBELLTON RD @ BOAT ROCK RD/  
 NEW HOPE RD INTERSECTION IMPROVEMENT**  
 MARCH 28, 2011

Engineering  
 Planning  
 Construction Mgmt

3169 Holcomb Bridge Road,  
 Suite 455  
 Norcross, Georgia 30071  
 (404) 329-5900



MARIAN S. LAWRENCE



BARBARA BATTLE

BOBBY P. & PHYLLIS WOOLLEY COLLIER

KRYSTAL BARKER

BOAT ROCK RD

ARTHUR & CHARISE BURDELL, III

HARVENIA H. & WILLIE HILL

JAMES P. CAMPBELL, III

VIVIAN B. WALKER

NEW HOPE RD

MONROE HODGES, JR

CURTIS W. & QUOVADISA TUMLIN

KINGSBY WASHINGTON, JR

ANTHONY & PHYLENCIA OSBORN

PATRON DEVELOPMENT GROUP, INC

RELOC. NEW HOPE RD

WILLIE L. YOUNG

TRISTAN COOLEY

EDMUND & KIMBERLY J. PETERS

KEITH A. MADDOX

KENNETH BOWDEN

PATRON DEVELOPMENT GROUP, INC

EXIST. NEW HOPE RD

DARREN JONES

BOAT ROCK RD

LINDA JAMESON

DIANA LYNCH

OM VENTURES, LLC

CAMPBELLTON & NEW HOPE CENTER, LLC

FELLOWSHIP OF FAITH CHURCH, INTL

CITGO

RIGHT-OF-WAY

JOHN H. BLUE

PROPOSED TRAFFIC SIGNAL

CAMPBELLTON RD SR 154 /SR 166

JAMES W. JR. AND TUESDAY LAMB

ERLINE W. GIBB

ALBERT THOMPSON

FREDRICK L. CRENSHAW, JR

CAMPBELLTON RD SR 154 /SR 166

CAROL ANN DELOATCH



**LEGEND**

APPROX. PROPOSED RIGHT-OF-WAY LINE	
PROPOSED CURB AND GUTTER	
PROPOSED PAVEMENT	
EXISTING PROPERTY & RIGHT-OF-WAY	
PROPOSED TRAFFIC SIGNAL	
PROPOSED SIDEWALK	

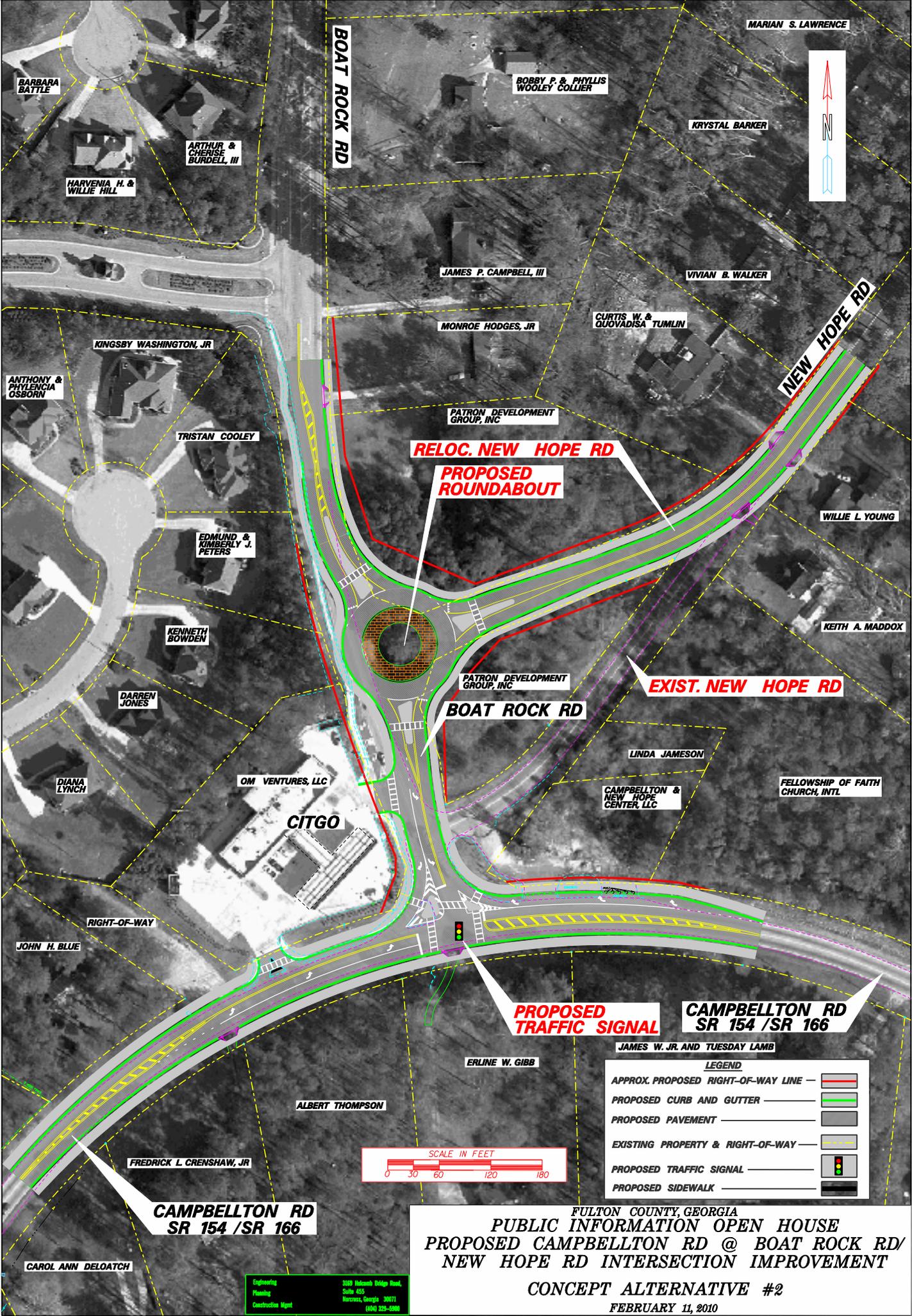
FULTON COUNTY, GEORGIA

**PROPOSED CAMPBELLTON RD @ BOAT ROCK RD / NEW HOPE RD INTERSECTION IMPROVEMENT**

**CONCEPT ALTERNATIVE #1**

FEBRUARY 22, 2010

Engineering: 3269 Helms Bridge Road, Suite 455, Marietta, Georgia 30071, (770) 255-2990  
 Planning:  
 Construction Mgmt:



MARIAN S. LAWRENCE



BARBARA BATTLE

BOBBY P. & PHYLLIS WOOLEY COLLIER

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CURTIS W. & GUOVADISA TUMLIN

ANTHONY & PHYLEICIA OSBORN

RELOC. NEW HOPE RD  
PROPOSED ROUNDABOUT

TRISTAN COOLEY

PATRON DEVELOPMENT GROUP, INC

WILLIE L. YOUNG

EDMUND & KIMBERLY J. PETERS

KEITH A. MADDOX

KENNETH BOWDEN

PATRON DEVELOPMENT GROUP, INC

EXIST. NEW HOPE RD

DARREN JONES

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CAMPBELLTON & NEW HOPE CENTER, LLC

FELLOWSHIP OF FAITH CHURCH, INTL

CITGO

RIGHT-OF-WAY

JOHN H. BLUE

PROPOSED TRAFFIC SIGNAL

CAMPBELLTON RD SR 154 /SR 166

JAMES W. JR. AND TUESDAY LAMB

ERLINE W. GIBB

LEGEND

APPROX. PROPOSED RIGHT-OF-WAY LINE	
PROPOSED CURB AND GUTTER	
PROPOSED PAVEMENT	
EXISTING PROPERTY & RIGHT-OF-WAY	
PROPOSED TRAFFIC SIGNAL	
PROPOSED SIDEWALK	



ALBERT THOMPSON

FREDRICK L. CRENSHAW, JR

CAMPBELLTON RD SR 154 /SR 166

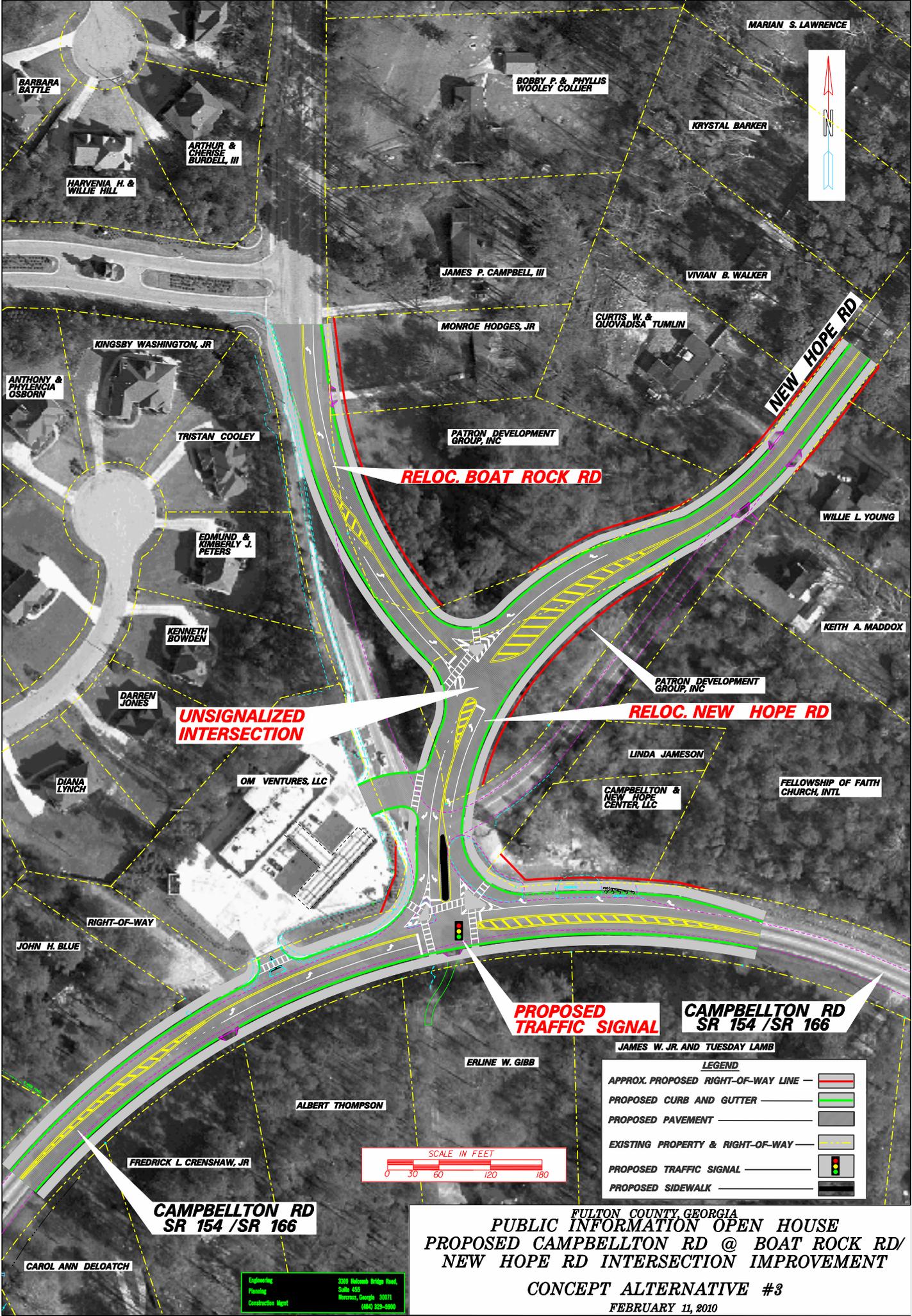
CAROL ANN DELOATCH

Engineering 3025 Holcomb Bridge Road, Suite 405 Marietta, Georgia 30071 (404) 525-5000  
 Planning  
 Construction Mgmt

FULTON COUNTY, GEORGIA  
 PUBLIC INFORMATION OPEN HOUSE  
 PROPOSED CAMPBELLTON RD @ BOAT ROCK RD/  
 NEW HOPE RD INTERSECTION IMPROVEMENT

CONCEPT ALTERNATIVE #2

FEBRUARY 11, 2010



MARIAN S. LAWRENCE

BARBARA BATTLE

BOBBY P. & PHYLLIS WOOLEY COLLIER

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TRISTAN COOLEY

PATRON DEVELOPMENT GROUP, INC

**NEW HOPE RD**

**RELOC. BOAT ROCK RD**

WILLIE L. YOUNG

EDMUND & KIMBERLY J. PETERS

KEITH A. MADDOX

KENNETH BOWDEN

PATRON DEVELOPMENT GROUP, INC

LINDA JAMESON

**UNSIGNALIZED INTERSECTION**

**RELOC. NEW HOPE RD**

CAMPBELLTON & NEW HOPE CENTER, LLC

FELLOWSHIP OF FAITH CHURCH, INTL

DARREN JONES

DIANA LYNCH

OM VENTURES, LLC

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**PROPOSED TRAFFIC SIGNAL**

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**LEGEND**

APPROX. PROPOSED RIGHT-OF-WAY LINE	
PROPOSED CURB AND GUTTER	
PROPOSED PAVEMENT	
EXISTING PROPERTY & RIGHT-OF-WAY	
PROPOSED TRAFFIC SIGNAL	
PROPOSED SIDEWALK	

Engineering 3383 Holcomb Bridge Road, Suite 455, Norcross, Georgia 30071, (678) 525-9999  
 Planning  
 Construction Mgmt

FULTON COUNTY GEORGIA  
**PUBLIC INFORMATION OPEN HOUSE**  
**PROPOSED CAMPBELLTON RD @ BOAT ROCK RD /**  
**NEW HOPE RD INTERSECTION IMPROVEMENT**

**CONCEPT ALTERNATIVE #3**

FEBRUARY 11, 2010