

ORIGINAL TO GENERAL FILES

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

**FILE** P.I. #0000265  
HPP00-0000-00(265)  
Fulton County  
GDOT District 7 - Metro Atlanta  
Hardscrabble Rd Multi-Use Path with Intersection  
Improvements

**OFFICE** Design Policy & Support

**DATE** March 24, 2014

**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:**

Glenn Bowman, 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  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Hiral Patel, State Environmental Administrator  
Kathy Zahul, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Paul Tanner, Asst. State Transportation Data Administrator  
Attn: Systems & Classification Branch  
Jeff Fletcher, Location Bureau Chief  
Rachel Brown, District Engineer  
Scott Lee, District Preconstruction Engineer  
Kevin Cowan, District Planning & Programming Engineer  
Persephone Goodwin, Area Engineer - D7, A4  
Darrell DeJean, Project Manager  
BOARD MEMBER - 6th Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTEROFFICE CORRESPONDENCE  
LOCATION AND DESIGN REPORT**

**FILE** P.I. Number 0000265  
Project Number HPP00-0000-00(265)  
Fulton County  
Hardscrabble Rd. Multi-use path with intersection improvements

**OFFICE** Office of Program Delivery

**DATE** March 10, 2014

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

**TO** Brent A. Story, 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 project would construct the first segment of the Roswell Loop by providing a multi-use path on the south side of County Road CR 1330/Hardscrabble Road between CR 196/King Road and CR 57/Etris Road located in the City of Roswell in Fulton County. The multi-use path is proposed to provide a connection from CR 1330/Hardscrabble Road at Roswell High School to an existing perimeter trail located at Sweet Apple Elementary School and Sweet Apple Park located at the intersection of CR 1330/Hardscrabble Road and CR 57/Etris Road. In addition to the construction of the multi-use path, the project would also construct sidewalks, a roundabout at the intersection of Chaffin Rd and CR 1330/Hardscrabble Road along with widening and resurfacing 1.64 miles of roadway. The proposed typical section will include two 11-foot lanes with 4-foot bike lanes and a rural shoulder.

**Concept Approval Date:** June 27, 2012

**Concept Update:** No changes have occurred since the Concept Approval dated June 27, 2012

**Environmental Document:**

Document Type: Categorical Exclusion

Approval Date: 10-16-13

**Temporary State Route Needed:**

No

Yes

Undetermined

**Public Involvement:** Public Hearing Open House Results summary: A Public Hearing Open House was not required.

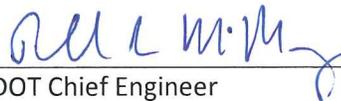
- Public Information Open House summary: Two Public Information Open Houses were held on May 17, 2011 and February 2, 2012
  - Public Information Open House dated May 17, 2011
    - Total Attending: 30 (received 2 comment forms and 1 verbal statement at the PIOH; 7 comments were received during the comment period following the PIOH)
    - FOR: 6
    - Uncommitted: 4
  - Public Information Open house dated February 2, 2012

Total Attending: 33 (received 17 comment forms and 2 verbal statement at the PIOH;4 comments were received during the comment period following the PIOH, and 1 comment was received prior to the PIOH)  
FOR: 16  
Uncommitted: 3  
Opposed: 1  
Conditional: 4

**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.

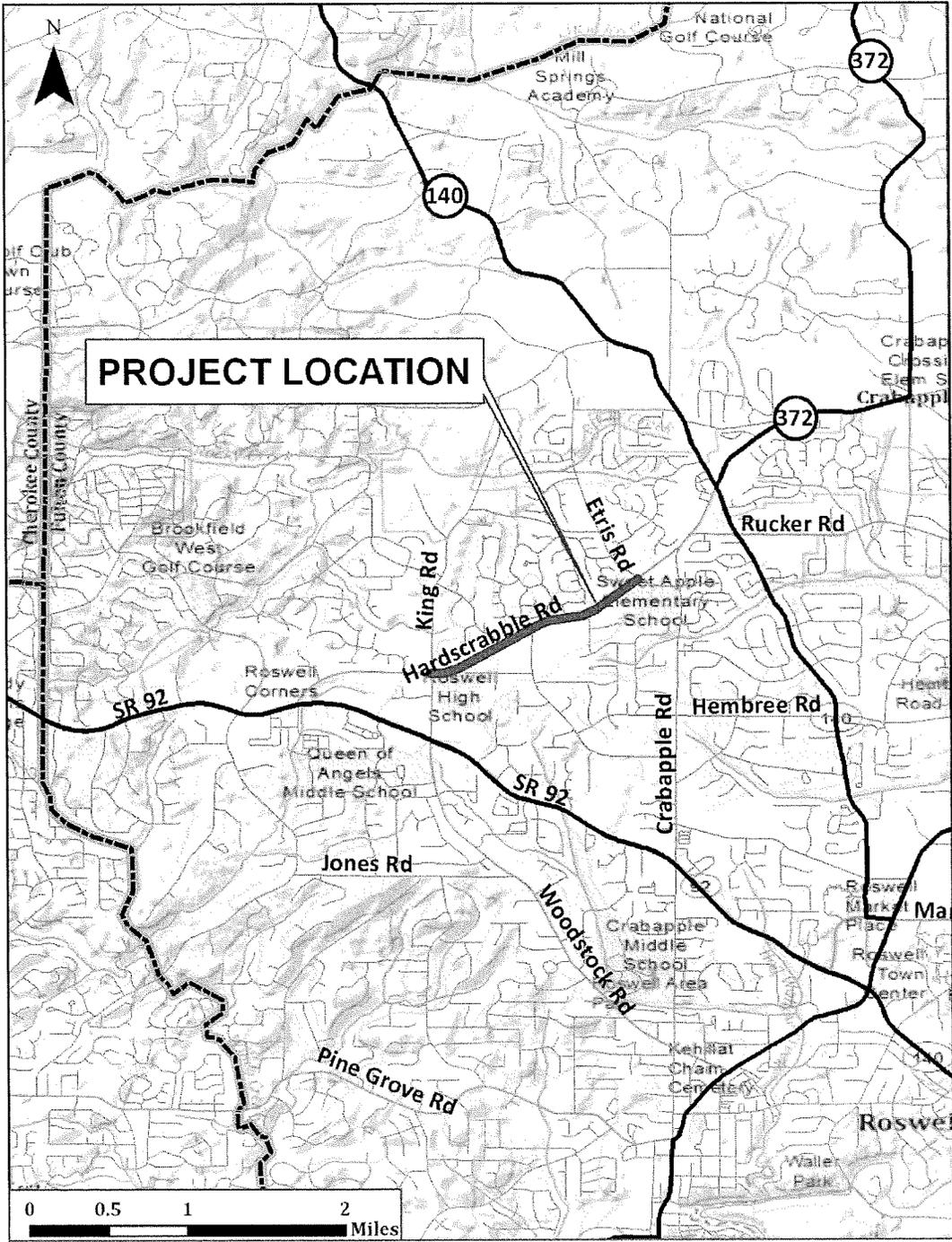
**CONCUR:**   
GDOT Director of Engineering

**APPROVE:**  3-24-14  
GDOT Chief Engineer Date

**DATE OF LOCATION AND DESIGN APPROVAL:** March 29, 2014  
(To be entered by State Conceptual Design Group Manager)

**Attachments:**

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



Project No. HPP00-0000-00(265)  
 Hardscrabble Road Multi-Use Path from King Rd. to Etris Road  
 Fulton County  
 P.I. 0000265

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

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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)**

**CONSTRUCTION** \$   
**RIGHT OF WAY** \$   
**UTILITIES** \$

**LAST ESTIMATE UPDATE**

**DATE**   
**DATE**   
**DATE**

**REVISED COST ESTIMATES**

**CONSTRUCTION\*** \$   
**RIGHT OF WAY** \$   
**UTILITIES** \$

\* Costs contain  % Engineering and Inspection

**REASON FOR COST INCREASE**

Yearly update. Cost Estimate based on preliminary plan design.

**CONTINGENCY SUMMARY**

Construction Cost Estimate:	\$ 3,285,007.54	(Base Estimate)
Engineering and Inspection:	\$ 164,250.38	(Base Estimate x 5 %)
Total Liquid AC Adjustment	\$ 190,664.92	(From attached worksheet)
<b>Construction Total:</b>	<b>\$ 3,639,922.84</b>	

**REIMBURSABLE UTILITY COST**

Utility Owner

Reimbursable Cost

Georgia Power	\$150,000.00

Attachments

## STATE HIGHWAY AGENCY

DATE : 08/24/2013  
PAGE : 1

## JOB DETAIL ESTIMATE

JOB NUMBER : 0000265 SPEC YEAR: 01  
DESCRIPTION: HARDCRABBLE RD MULTI-USE PATH FROM KING RD TO ETRIS RD  
FULTON COUNTY

## ITEMS FOR JOB 0000265

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - LUMP SUM	1.000	500000.00	500000.00
0015	201-1500		LS	CLEARING & GRUBBING - LUMP SUM	1.000	400000.00	400000.00
0020	205-0001		CY	UNCLASS EXCAV	9500.000	2.00	19000.00
0025	206-0002		CY	BORROW EXCAV, INCL MATL	2200.000	4.00	8800.00
0035	310-1101		TN	GR AGGR BASE CRS, INCL MATL	10130.000	5.51	55890.76
0040	318-3000		TN	AGGR SURF CRS AS DIRECTED IN STAGING	1000.000	6.05	6055.06
0045	402-1812		TN	RECYL AC LEVELING, INC BM&HL	2100.000	71.22	149577.25
0050	402-3121		TN	RECYL AC 25MM SP, GP1/2, BM&HL	4350.000	60.46	263001.00
0055	402-3130		TN	RECYL AC 12.5MM SP, GP2, BM&HL	3000.000	60.21	180630.00
0060	402-3190		TN	RECYL AC 19 MM SP, GP 1 OR 2 , INC BM&HL	1700.000	63.15	107355.00
0065	413-1000		GL	BITUM TACK COAT	1600.000	1.23	1971.47
0070	432-5010		SY	MILL ASPH CONC PVMT, VARB DEPTH	18887.000	1.12	21213.69
0074	439-0014		SY	PLN PC CONC PVMT CL3 6" THK	7620.000	40.00	304800.00
0075	441-0016		SY	DRIVEWAY CONCRETE, 6 IN TK	300.000	10.06	3020.01
0079	441-0104		SY	CONC SIDEWALK, 4 IN	5120.000	30.00	153600.00
0080	441-0748		SY	CONC MEDIAN, 6 IN	560.000	30.23	16932.15
0085	441-5008		LF	CONC HEADER CURB, 6 IN, TP 7	220.000	25.00	5500.00
0090	441-5025		LF	CONC HEADER CURB, 4", TP 9	300.000	20.00	6000.00
0095	441-6012		LF	CONC CURB & GUTTER/ 6"X24"TP2	6050.000	25.00	151250.00
0100	446-1100		LF	PVMT REF FAB STRIPS, TP2, 18 INCH WIDTH	13634.000	2.38	32546.40
0103	621-4023		LF	CONCRETE SIDE BARRIER, TY 2C	515.000	562.36	289616.58
0104	621-4022		LF	CONCRETE SIDE BARRIER, TY 2B	150.000	455.44	68317.45
0105	634-1200		EA	RIGHT OF WAY MARKERS	73.000	49.50	3613.56
0110	641-1100		LF	GUARDRAIL, TP T	50.000	24.62	1231.19
0120	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	1.000	620.51	620.51
0125	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	1.000	1841.02	1841.02
0130	207-0203		CY	FOUND BKFILL MATL, TP II	5.000	4.97	24.89
0140	500-3200		CY	CL B CONC	75.000	325.19	24389.34
0155	550-1180		LF	STM DR PIPE 18", H 1-10	6192.000	13.64	84459.93
0160	550-1240		LF	STM DR PIPE 24", H 1-10	186.000	50.36	9368.28
0165	550-1300		LF	STM DR PIPE 30", H 1-10	520.000	82.38	42837.64
0170	550-3618		EA	SAFETY END SECTION 18", SD, 6:1	3.000	518.00	1554.01
0180	550-4218		EA	FLARED END SECT 18 IN, ST DR	3.000	446.82	1340.48
0185	550-4224		EA	FLARED END SECT 24 IN, ST DR	2.000	613.01	1226.03
0190	550-4230		EA	FLARED END SECT 30 IN, ST DR	4.000	718.79	2875.16
0195	600-0001		CY	FLOWABLE FILL	50.000	51.59	2579.52
0200	668-1100		EA	CATCH BASIN, GP 1	7.000	2230.78	15615.53
0205	668-1110		LF	CATCH BASIN, GP 1, ADDL DEPTH	0.000		

0210	668-2100	EA	DROP INLET, GP 1	50.000	1790.01	89500.52
0215	668-2110	LF	DROP INLET, GP 1, ADDL DEPTH	2.000	207.27	414.54
0220	668-4300	EA	STORM SEW MANHOLE, TP 1	9.000	1701.17	15310.58

## STATE HIGHWAY AGENCY

DATE : 08/24/2013  
PAGE : 2

## JOB DETAIL ESTIMATE

0225	668-4311	LF	ST SEW MANHOLE, TP 1, A DEP, CL 1	21.000	36.78	772.53
0230	668-5000	EA	JUNCTION BOX	0.000		
0235	636-1020	SF	HWY SGN, TP1MAT, REFL SH TP3	120.000	27.70	3324.89
0240	636-1029	SF	HWY SGN, TP2 MATL, REFL SH TP 3	15.000	2.62	39.33
0245	636-1033	SF	HWY SIGNS, TP1MAT, REFL SH TP 9	200.000	63.53	12707.83
0250	636-2070	LF	GALV STEEL POSTS, TP 7	600.000	31.07	18644.98
0255	636-2090	LF	GALV STEEL POSTS, TP 9	70.000	20.79	1455.55
0260	647-0220	LS	TRAF SIGNAL INSTALLATION, TEMP	1.000	40000.00	40000.00
0265	653-0110	EA	THERM PVMT MARK, ARROW, TP 1	2.000	74.33	148.67
0270	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	17.000	69.64	1183.97
0275	653-0130	EA	THERM PVMT MARK, ARROW, TP 3	5.000	87.90	439.51
0280	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	25000.000	0.37	9449.00
0285	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	17000.000	0.51	8711.14
0290	653-1704	LF	THERM SOLID TRAF STRIPE, 24", WH	162.000	0.31	51.17
0295	653-1804	LF	THERM SOLID TRAF STRIPE, 8", WH	3700.000	0.99	3664.67
0300	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	3250.000	1.39	4539.28
0305	653-3810	GLF	THERM SKIP TRAF ST, 10 IN, WHI	100.000	2.75	275.00
0310	653-6004	SY	THERM TRAF STRIPING, WHITE	123.000	6.12	753.22
0315	653-6006	SY	THERM TRAF STRIPING, YELLOW	910.000	6.34	5769.60
0320	163-0232	AC	TEMPORARY GRASSING	5.000	84.89	424.46
0325	163-0240	TN	MULCH	48.000	240.99	11567.56
0330	163-0300	EA	CONSTRUCTION EXIT	3.000	1184.82	3554.47
0340	163-0502	EA	CONSTR AND REMOVE SILT CONTROL GATE, TP 2	1.000	294.86	294.86
0345	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE, TP 3	8.000	397.01	3176.15
0350	163-0527	EA	CNST/REM RIP RAP CKDM, STN P RIPRAP/SN BG	170.000	256.79	43655.68
0355	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	67.000	108.72	7284.59
0360	165-0010	LF	MAINT OF TEMP SILT FENCE, TP A	12150.000	0.67	8257.02
0365	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	1700.000	1.28	2178.67
0375	165-0086	EA	MAINT OF SILT CONTROL GATE, TP 2	1.000	73.52	73.52
0380	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	8.000	93.47	747.80
0385	165-0101	EA	MAINT OF CONST EXIT	3.000	487.57	1462.73
0390	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	67.000	28.17	1888.04
0395	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	1.000	19.23	19.24
0400	167-1500	MO	WATER QUALITY INSPECTIONS	18.000	395.11	7112.14
0405	171-0010	LF	TEMPORARY SILT FENCE, TYPE A	24300.000	0.25	6197.72
0410	603-2180	SY	STN DUMPED RIP RAP, TP 3, 12"	75.000	15.44	1158.40
0415	603-7000	SY	PLASTIC FILTER FABRIC	75.000	3.42	256.81
0420	643-8200	LF	BARRIER FENCE (ORANGE), 4 FT	1000.000	18.54	18549.30
0425	700-6910	AC	PERMANENT GRASSING	11.000	623.79	6861.71
0430	700-7000	TN	AGRICULTURAL LIME	32.000	6.31	202.11
0435	700-8000	TN	FERTILIZER MIXED GRADE	1.000	477.29	477.29
0440	700-8100	LB	FERTILIZER NITROGEN CONTENT	800.000	2.02	1623.50
0445	716-2000	SY	EROSION CONTROL MATS, SLOPES	13500.000	0.16	2173.91
ITEM TOTAL						3285007.54
INFLATED ITEM TOTAL						3285007.54

PROJ. NO. HPP-0000-00(265)  
 P.I. NO. 0000265  
 DATE 3/14/2014

CALL NO.

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Mar-14	\$ 3.293
DIESEL		\$ 3.909
LIQUID AC		\$ 563.00

Link to Fuel and AC Index:  
<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

**LIQUID AC ADJUSTMENTS**

PA=[((APM-APL)/APL)]xTMTxAPL

**Asphalt**

Price Adjustment (PA)				<b>188323.5</b>		<b>\$ 188,323.50</b>
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	900.80		
Monthly Asphalt Cement Price month project let (APL)			\$	563.00		
Total Monthly Tonnage of asphalt cement (TMT)				557.5		

ASPHALT	Tons	%AC	AC ton
Leveling	2100	5.0%	105
12.5 OGFC		5.0%	0
12.5 mm	3000	5.0%	150
9.5 mm SP		5.0%	0
25 mm SP	4350	5.0%	217.5
19 mm SP	1700	5.0%	85
	<b>11150</b>		<b>557.5</b>

**BITUMINOUS TACK COAT**

Price Adjustment (PA)				<b>\$ 2,321.42</b>		<b>\$ 2,321.42</b>
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	900.80		
Monthly Asphalt Cement Price month project let (APL)			\$	563.00		
Total Monthly Tonnage of asphalt cement (TMT)				6.872161475		

Bitum Tack

Gals	gals/ton	tons
1600	232.8234	6.87216148

**BITUMINOUS TACK COAT (surface treatment)**

Price Adjustment (PA)				<b>0</b>		<b>\$ -</b>
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	900.80		
Monthly Asphalt Cement Price month project let (APL)			\$	563.00		
Total Monthly Tonnage of asphalt cement (TMT)				0		

Bitum Tack	SY	Gals/SY	Gals	gals/ton	tons
Single Surf. Trmt.		0.20	0	232.8234	0
Double Surf.Trmt.		0.44	0	232.8234	0
Triple Surf. Trmt		0.71	0	232.8234	0
					0

**TOTAL LIQUID AC ADJUSTMENT** **\$ 190,644.92**





**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**HPP00-0000-00(265) - Fulton County**  
**P. I. NUMBER 0000265**

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: **March 24, 2014**

Project HPP00-0000-00(265) in Fulton County and the City of Roswell, will construct a multi-use trail and a sidewalk along 1.64 miles of resurfaced and widened roadway. The project begins at the intersection of CR196/King Road and CR1330/Hardscrabble and continues to the Chaffin Road intersection, where a multi-lane roundabout will be constructed. The project ends at the intersection of Etris Road and CR1330/Hardscrabble Road. Along with rural shoulders, the roadway will be widened to accommodate a bike lane in each direction. The roadway section will consist of two 11-foot travel lanes, a 4-foot bike lane, and left and right turn lanes provided throughout the corridor. A 5-foot swale will be constructed along most sections of the corridor. Mid-block pedestrian crossings will be provided between Chaffin Road and the roundabout and between Wexford Club Drive and Hardscrabble Trail. Minor Landscaping and lighting plans will be included in this project.

The project is within Land District 1 in the 2<sup>nd</sup> Section and Land District 2 in the 2<sup>nd</sup> Section.

During construction all existing traffic patterns will be maintained with minor traffic shifts to accommodate the construction of the roundabout.

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:

Albert V. Shelby III, State Program Delivery Engineer  
Office of Program Delivery  
Attn: Darrell DeJean  
[ashelby@dot.ga.gov](mailto:ashelby@dot.ga.gov)  
One Georgia Center, 600 West Peachtree NW, Atlanta, GA 30308  
404-631-1567

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:

Rob Dell-Ross, City of Roswell Transportation Engineer  
[rdellross@roswellgov.com](mailto:rdellross@roswellgov.com)  
38 Hill Street, Suite 235, Roswell, GA 30075  
770-594-6292

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.