

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0009872 **OFFICE** Design Policy & Support
Effingham County
GDOT District 5 - Jesup **DATE** 09/01/2016
Roundabout - SR275 @ SR307/Rincon-Stillwell Rd

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
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
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: District Design Engineer
Ed David Adams, State Safety Program Manager
Richard Cobb, Location Bureau Chief
Brad Saxon, District Engineer
Troy Pittman, District Preconstruction Engineer
Troy Pittman, for District Planning & Programming Engineer
Ron Nelson, Area Engineer - D5, A4
Cassius Edwards, Project Manager
BOARD MEMBER - 1st Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE Effingham County OFFICE Program Delivery
P.I. No. 0009872
SR 275 @ CR 307 / Rincon- Stillwell Rd DATE July 26, 2016

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

TO Brent A. 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:

The proposed project would consist of improvements to the intersection of SR 275 at CR 307/Rincon-Stillwell Rd/Long Bridge Road in Effingham County. In the project area, SR 275 is a two lane rural major collector with a posted speed limit of 45 mph and an Annual Average Daily Traffic (AADT) of 880 vehicles per day. CR 307/Rincon-Stillwell Road/Long Bridge Road is a two lane rural major collector with a posted speed limit of 55 mph and an AADT of 2,870 vehicles per day. Currently, the 4-legged intersection is stop controlled on the CR 307/Rincon-Stillwell Rd/Long Bridge Road approaches with no turn lanes in any direction. Improvements would be designed to ~~enhance safety~~ *RP* and improve operational efficiency at the intersection.

The proposed project will consist of two 12-foot lanes with 10' rural shoulders (6.5' paved) on SR 275 / Ebenezer Road and on CR 307 / Rincon-Stillwell Road / Long Bridge Road. A 150' diameter, single lane roundabout is proposed at the intersection of SR 275/Ebenezer Road and CR 307/Rincon-Stillwell Road/Long Bridge Road. The intersection is located approximately 3.3 miles north of Rincon, GA and 2.6 miles south of Stillwell, GA in Effingham County. The construction will be approximately 500' in each direction of the intersection.

Concept Approval Date: June 18, 2015.

Concept Update: N/A, there are no project changes.

Environmental Document:

Document Type: Categorical Exclusion

Approval Date: *Aug 30, 2016*

The Environmental document has not been approved and no re-evaluations have been completed to date.

Public Involvement:

- *Public Hearing Open House Results summary:*

A total of 29 people attended the open house. Of the 12 respondents who formally commented, 6 were in support of the project, 2 were opposed, and 3 expressed conditional support.

On Thursday, October 08, 2015 at Ebenezer Middle School, 1100 Ebenezer Road, Rincon, GA 31326, the Georgia Department of Transportation held a Public Information Open House.

Disposition of Comments:

Office of Program Delivery/Office of Innovative Delivery

Nature of Comment
Concerned that the project will not realize claimed benefits.
Offer public meetings at a later time to allow for commuters to attend.
The public meeting was held from 5 to 7 PM to accommodate most members of the public. Materials from the meeting are available at the GDOT District office and on the Internet for members of the public unable to attend the public meeting.
Anytime the state will spend money in Effingham County it is good.
The Department has programmed the project to meet a need to improve the safety and operations of the intersection. The project is expected to have very minor direct benefits to the local economy (e.g., incidental purchases resulting from construction of the project).
Commenter suggested that state funds would be better spent on a 4-way stop at the intersection.
A 4-way stop was examined and found to not address the safety and operational problems at the intersection. A 4-way stop would experience a failing level of service (LOS F) by 2038.

Office of Roadway Design/Office of Bridge Design and Maintenance, or Responsible Design Office

Nature of Comment
Concerned with the ability of “big trucks” and double tractor trailers turning within the intersection. Several commenters suggested turn lanes to address truck turning.
The roundabout has been designed for a WB-67 turn movement, interstate semitrailer, and will accommodate double tractor trailers.
The project needs lighting for safety.
Lighting will be provided for the intersection.
The project needs landscaping with drought tolerant vegetation.
The project will be landscaped with a GDOT standard vegetation mix selected by the Department. Drought tolerance is one of several criteria informing the Departments selection of standard vegetation specifications.
The proposed drainage system needs to be located on the opposite side of Brookstone Way to alleviate storm related flooding in the Brookstone Subdivision.
The proposed drainage system has been designed to avoid contributing to flooding within the Brookstone Subdivision.

Office of Right of Way

Nature of Comment
Commenter concerned about effects of the proposed project on access to properties (specifically 1409 Ebenezer Rd) adjacent to the roundabout.
Properties located adjacent to the roundabout will remain accessible. It may be necessary for drivers to drive through the roundabout to access some properties previously accessible by left turn.

Office of Traffic Operations

Nature of Comment
SR 275 need widening or turn lanes between the roundabout and Ebenezer Middle School to operate correctly.
Traffic models indicate that the intersection would operate at peak times under the proposed design.
Traffic circles are notorious for wrecks with injuries.
The proposed project is a roundabout. Modern roundabouts are being constructed as a safer and more efficient alternative to traditional intersections. Slower speeds in roundabouts allow drivers more time to react to other cars or pedestrians, which reduces the severity of crashes & keeps pedestrians safer. According to the Federal Highway Administration (FHWA), modern roundabouts offer up to a 90 percent reduction in crash fatalities, a 76 percent reduction in injury crashes and a 30 to 40 percent reduction in crashes involving pedestrians.
Commenter desires a temporary 4-way stop at the intersection until construction of the roundabout is completed.
A 4-way stop may be needed at the intersection during all or some of construction. A 4-way stop would not be needed before construction.
Will the proposed project impact area property values? Will the project change the land use in the area?
The proposed project is not anticipated to alter local property values or uses of adjacent properties.

Office of Planning

Nature of Comment
Commenter desires a project to extend sidewalks from Brookstone Way to Ebenezer Middle School.
Extending the sidewalks is outside of the scope of the current project; however, the desire for the suggested project has been communicated to the GDOT Office of Planning for analysis and possible inclusion as a component of a future project.

Office of Environmental Services

Nature of Comment
N/A

Public Officials:

Ann R. Purcell – GDOT Board Member
 Toss Allen – Effingham County

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: *Alvin P. Hill*
GDOT Director of Engineering

Approve: *Margaret B. Puckle* *8.10.16*
GDOT Chief Engineer Date

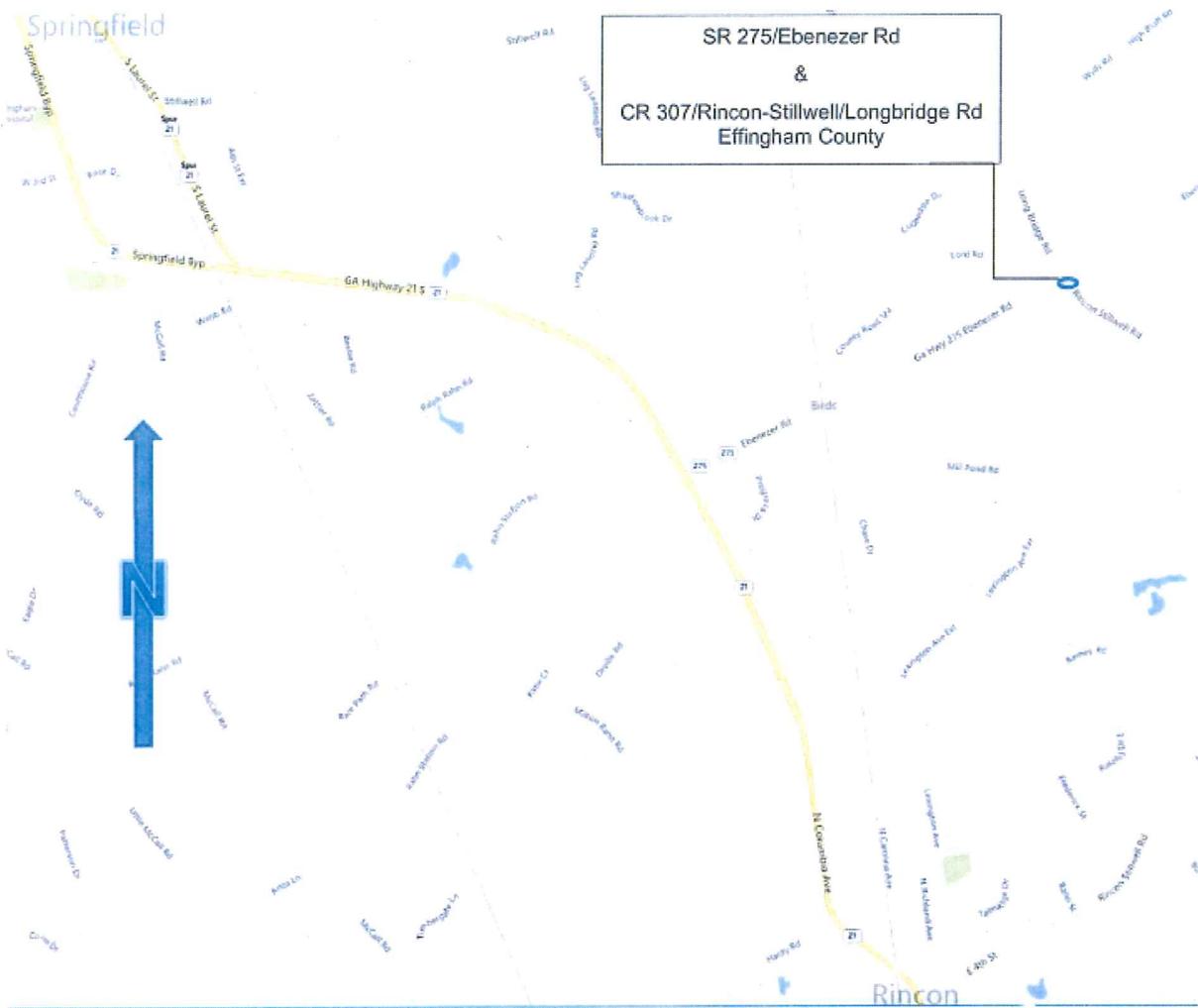
DATE OF LOCATION AND DESIGN APPROVAL: *September 1, 2016*
(To be entered by State Conceptual Design Group Manager)

Attachments:

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

For additional information, please contact the Project Manager, Cassius O. Edwards at 912-530-4370 or email at cedwards@dot.ga.gov.

PROJECT LOCATION MAP



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. **OFFICE**

PROJECT DESCRIPTION

DATE

From:

To: Lisa L. Myers, State Project Review Engineer
via Email Mailbox: CostEstimatesandUpdates@dot.ga.gov

Subject: REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER

MGMT LET DATE

MGMT ROW DATE

PROGRAMMED COSTS (TPro W/OUT INFLATION)

LAST ESTIMATE UPDAT

CONSTRUCTION \$

DATE

RIGHT OF WAY \$

DATE

UTILITIES \$

DATE

REVISED COST ESTIMATES

CONSTRUCTION \$

RIGHT OF WAY \$

UTILITIES \$

*Cost Contains % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$	1,273,523.56	Base Estimate From CES
B. ENGINEERING AND INSPECTION (E & I):	\$	63,676.18	Base Estimate (A) x 5 %
C. CONTINGENCY:	\$	93,603.98	Base Estimate (A) + E & I (B) x 7 % See % Table in "Risk Based Cost Estimation" Memo
D. TOTAL LIQUID AC ADJUSTMENT:	\$	34,703.17	Total From Liquid AC Spreadsheet
E. CONSTRUCTION TOTAL:	\$	1,465,506.89	(A + B + C + D = E)

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
Georgia Power - Distribution	\$ 75,000.00
Georgia Power - Transmission	\$ 300,000.00
TOTAL	\$ 375,000.00

ATTACHMENTS: (File Copy in the Project Cost Estimate Folder)

Detailed Cost Estimate Printout From TRAQS
Liquid AC Adjustment Spreadsheet

PROJ. NO. N/A
 P.I. NO. 0009872
 DATE 7/21/2016

CALL NO. 0/00/2016

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Jul-16	\$ 2.126
DIESEL		\$ 2.341
LIQUID AC		\$ 348.00

Link to AC Index:
<http://www.dot.ga.gov/PS/Materials/AsphaltFuelIndex>

LIQUID AC ADJUSTMENTS

$PA = [(APM - APL) / APL] \times TMT \times APL$

Asphalt

Price Adjustment (PA)				34013.52	\$	34,013.52
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	556.80		
Monthly Asphalt Cement Price month project let (APL)			\$	348.00		
Total Monthly Tonnage of asphalt cement (TMT)				162.9		

ASPHALT	Tons	%AC	AC ton
Leveling	900	5.0%	45
12.5 OGFC		5.0%	0
12.5 mm		5.0%	0
9.5 mm SP	946	5.0%	47.3
25 mm SP	813	5.0%	40.65
19 mm SP	599	5.0%	29.95
	3258		162.9

BITUMINOUS TACK COAT

Price Adjustment (PA)				\$	689.65	\$	689.65
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	556.80			
Monthly Asphalt Cement Price month project let (APL)			\$	348.00			
Total Monthly Tonnage of asphalt cement (TMT)				3.302932609			

Bitum Tack

Gals	gals/ton	tons
769	232.8234	3.30293261

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)				\$	0	\$	-
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	556.80			
Monthly Asphalt Cement Price month project let (APL)			\$	348.00			
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

TOTAL LIQUID AC ADJUSTMENT \$ **34,703.17**

DETAILED COST ESTIMATE



Job: 0009872

JOB NUMBER: 0009872

FED/STATE PROJECT NUMBER

SPEC YEAR: 13

DESCRIPTION: SR 275 @ RINCON STILLWELL RD
PARAMETRIC EST FOR ROUNDABOUT

ITEMS FOR JOB 0009872

0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$130,000.00000	TRAFFIC CONTROL - 0009872	\$130,000.00
0010	210-0100	1.000	LS	\$165,000.00000	GRADING COMPLETE - 0009872	\$165,000.00
0070	310-5060	1747.000	SY	\$12.88000	GR AGGR BS CRS 6IN INCL MATL	\$22,501.36
0069	310-5080	4192.000	SY	\$19.09000	GR AGGR BS CRS 8IN INCL MATL	\$80,025.28
0040	402-1812	900.000	TN	\$69.99000	RECYL AC LEVELING,INC BM&HL	\$62,991.00
0065	402-3100	946.000	TN	\$108.85000	REC AC 9.5 MM SP,TPI,GP1ORBL1,INCL BM&HL	\$102,972.10
0045	402-3121	813.000	TN	\$60.70000	RECYL AC 25MM SP,GP1/2,BM&HL	\$49,349.10
0055	402-3190	599.000	TN	\$65.03000	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$38,952.97
0035	413-0750	769.000	GL	\$2.45000	TACK COAT	\$1,884.05
0025	430-0180	750.000	SY	\$34.98000	PLN PC CONC PVMT/CL1C/ 8 TK	\$26,235.00
0075	432-5010	2000.000	SY	\$1.52000	MILL ASPH CONC PVMT,VARB DEPTH	\$3,040.00
0015	441-0104	1691.000	SY	\$23.04000	CONC SIDEWALK, 4 IN	\$38,960.64
0020	441-0748	1012.000	SY	\$43.85000	CONC MEDIAN, 6 IN	\$44,376.20
0018	441-3999	739.000	LF	\$18.00000	CONCRETE V GUTTER	\$13,302.00
0017	441-5008	126.000	LF	\$11.67000	CONC HEADER CURB, 6 IN, TP 7	\$1,470.42
0016	441-5025	173.000	LF	\$12.33000	CONC HEADER CURB, 4, TP 9	\$2,133.09
0019	441-6222	1674.000	LF	\$11.89000	CONC CURB & GUTTER/ 8X30TP2	\$19,903.86
0080	446-1100	4780.000	LF	\$3.08000	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	\$14,722.40
0085	550-1180	1396.000	LF	\$29.78000	STM DR PIPE 18,H 1-10	\$41,572.88
0090	550-1240	976.000	LF	\$37.23000	STM DR PIPE 24,H 1-10	\$36,336.48
0105	550-4218	2.000	EA	\$580.10000	FLARED END SECT 18 IN, ST DR	\$1,160.20
0110	550-4224	1.000	EA	\$646.89000	FLARED END SECT 24 IN, ST DR	\$646.89
0125	603-2181	55.000	SY	\$41.89000	STN DUMPED RIP RAP, TP 3, 18	\$2,303.95
0115	603-7000	55.000	SY	\$3.28000	PLASTIC FILTER FABRIC	\$180.40
0120	634-1200	8.000	EA	\$101.38000	RIGHT OF WAY MARKERS	\$811.04
0030	668-1100	11.000	EA	\$2,099.52000	CATCH BASIN, GP 1	\$23,094.72
0029	668-2100	15.000	EA	\$1,808.06000	DROP INLET, GP 1	\$27,120.90
0028	668-5000	2.000	EA	\$1,718.14000	JUNCTION BOX	\$3,436.28
SUBTOTAL FOR ROADWAY:						\$954,483.21

DETAILED COST ESTIMATE



Job: 0009872

0020 - EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0130	163-0232	1.000	AC	\$239.07000	TEMPORARY GRASSING	\$239.07
0135	163-0240	22.000	TN	\$154.65000	MULCH	\$3,402.30
0140	163-0300	2.000	EA	\$1,210.39000	CONSTRUCTION EXIT	\$2,420.78
0145	163-0527	6.000	EA	\$236.14000	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG	\$1,416.84
0150	163-0528	550.000	LF	\$3.30000	CONSTR AND REM FAB CK DAM -TP C SLT FN	\$1,815.00
0155	163-0529	440.000	LF	\$3.61000	CNST/REM TEMP SED BAR OR BLD STRW CK DM	\$1,588.40
0160	165-0010	9777.000	LF	\$0.48000	MAINT OF TEMP SILT FENCE, TP A	\$4,692.96
0165	165-0030	4787.000	LF	\$0.45000	MAINT OF TEMP SILT FENCE, TP C	\$2,154.15
0170	165-0041	605.000	LF	\$0.87000	MAINT OF CHECK DAMS - ALL TYPES	\$526.35
0175	165-0071	440.000	LF	\$1.10000	MAINT OF SEDIMENT BARRIER - BALED STRAW	\$484.00
0180	165-0101	2.000	EA	\$495.15000	MAINT OF CONST EXIT	\$990.30
0185	167-1000	2.000	EA	\$276.34000	WATER QUALITY MONITORING AND SAMPLING	\$552.68
0189	167-1500	12.000	MO	\$480.58000	WATER QUALITY INSPECTIONS	\$5,766.96
0190	171-0010	9777.000	LF	\$2.16000	TEMPORARY SILT FENCE, TYPE A	\$21,118.32
0195	171-0030	4787.000	LF	\$2.54000	TEMPORARY SILT FENCE, TYPE C	\$12,158.98
0200	700-6910	1.000	AC	\$736.94000	PERMANENT GRASSING	\$736.94
0205	700-7000	3.000	TN	\$62.66000	AGRICULTURAL LIME	\$187.98
0210	700-8000	1.000	TN	\$455.52000	FERTILIZER MIXED GRADE	\$455.52
0215	700-8100	55.000	LB	\$2.22000	FERTILIZER NITROGEN CONTENT	\$122.10
0201	700-9300	75.000	SY	\$5.04000	SOD	\$378.00
0220	716-2000	1408.000	SY	\$0.96000	EROSION CONTROL MATS, SLOPES	\$1,351.68
SUBTOTAL FOR EROSION CONTROL:						\$62,559.31

0030 - SIGNS AND MARKING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0225	636-1033	110.000	SF	\$15.83000	HWY SIGNS, TP1MAT,REFL SH TP 9	\$1,741.30
0280	636-1036	48.000	SF	\$21.41000	HWY SGN,TP1MAT,REFL SH TP 11	\$1,027.68
0230	636-2070	275.000	LF	\$5.85000	GALV STEEL POSTS, TP 7	\$1,608.75
0235	652-5801	1462.000	LF	\$4.25000	SOLID TRAF STRIPE, 8 IN, WHITE	\$6,213.50
0240	653-0130	4.000	EA	\$101.09000	THERM PVMT MARK, ARROW, TP 3	\$404.36
0245	653-0296	4.000	EA	\$192.28000	THERMO PVMT MARKING,WORD,TP 15	\$769.12
0250	653-1501	8705.000	LF	\$0.42000	THERMO SOLID TRAF ST 5 IN, WHI	\$3,656.10
0255	653-1502	9570.000	LF	\$0.44000	THERMO SOLID TRAF ST, 5 IN YEL	\$4,210.80
0260	653-6004	58.000	SY	\$2.89000	THERM TRAF STRIPING, WHITE	\$167.62
0265	653-6006	191.000	SY	\$3.12000	THERM TRAF STRIPING, YELLOW	\$595.92
0270	654-1001	119.000	EA	\$2.97000	RAISED PVMT MARKERS TP 1	\$353.43
SUBTOTAL FOR SIGNS AND MARKING:						\$20,748.58

0040 - LIGHTING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0275	682-9030	1.000	LS	\$220,000.00000	LIGHTING SYSTEM	\$220,000.00
SUBTOTAL FOR LIGHTING:						\$220,000.00

DETAILED COST ESTIMATE



Job: 0009872

0050 - LANDSCAPING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0305	700-9300	165.000	SY	\$5.04000	SOD	\$831.60
0285	702-0212	3.000	EA	\$150.00000	CRATAEGUS VIRIDIS - 0009872	\$450.00
0290	702-0470	217.000	EA	\$50.82514	ILEX VOMITORIA NANA - 0009872	\$11,029.06
0295	702-9005	230.000	LB	\$5.43582	SPRING APPLICATION FERTILIZER	\$1,250.24
0300	702-9025	466.000	SY	\$4.66000	LANDSCAPE MULCH	\$2,171.56
SUBTOTAL FOR LANDSCAPING:						\$15,732.46

TOTALS FOR JOB 0009872

ITEMS COST:	\$1,273,523.56
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$1,273,523.56
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$1,273,523.56

Department of Transportation State of Georgia

Interdepartmental Correspondence

FILE R/W Cost Estimate **OFFICE** Atlanta
DATE July 21, 2016
FROM Troy Beyers, Right of Way Administrator
LaShone Alexander, Right of Way Cost Estimator
TO Octavius Edwards, Project Manager
SUBJECT **Preliminary Right of Way Cost Estimate**
Project: Effingham County
P.I. No.: 0009872
Description: SR 275/Ebenezer Rd @ CR 307/Long Bridge Rd/Rincon
Stillwell Road

As per your request, attached is a copy of the approved Preliminary Right of Way Cost Estimates on the above referenced projects.

If you have any questions, please contact LaShone Alexander at One Georgia Center 600 West Parkway Street, NW Atlanta, GA 30308, Right of Way Office at (478) 553-1569 or (478) 232-4045.

PC:LA
Attachments
c: File

GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 7/21/2016 Project: Round about
 Revised: County: Effingham
 PI: 0009872

Description: Intersection Improvement
 Project Termini: SR 275/Ebenezer Rd@CR 307/Long Bridge Rd/Rincon Stillwell Rd

Existing ROW: Varies
 Required ROW: Varies
 Parcels: 4

Land and Improvements _____ \$51,900.00

Proximity Damage	\$0.00
Consequential Damage	\$0.00
Cost to Cures	\$0.00
Trade Fixtures	\$0.00
Improvements	\$30,000.00

Valuation Services _____ \$15,000.00

Legal Services _____ \$40,200.00

Relocation _____ \$8,000.00

Demolition _____ \$0.00

Administrative _____ \$45,500.00

TOTAL ESTIMATED COSTS _____ \$160,600.00

TOTAL ESTIMATED COSTS (ROUNDED) _____ \$161,000.00

Preparation Credits	Hours	Signature

Prepared By: Jathone Alexander CG#: 286999 07/21/2016 (DATE)
 Approved By: Jathone Alexander CG#: 286999 07/21/2016 (DATE)

NOTE: No Market Appreciation is included in this Preliminary Cost Estimate

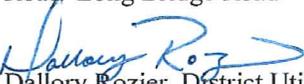
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: PI No. 0009872, Effingham County
SR 275 @ CR 307/ Rincon Stillwell
Road/ Long Bridge Road

Office: District 5, Utilities

Date: July 5, 2016

FROM: 
Dallery Rozier, District Utilities Manager

TO: Cassius Edwards, Project Manager

SUBJECT: **PRELIMINARY UTILITY COST ESTIMATE**

A review of utilities located on the above referenced project has been conducted based on the latest available plans. Listed below is a breakdown of the anticipated reimbursable and non-reimbursable cost.

<u>Utility Owner</u>	<u>Reimbursable</u>	<u>Non- Reimbursable</u>	<u>Estimate Based on</u>
Georgia Power- Distribution	\$75,000.00		
Georgia Power- Transmission	\$300,000.00		
Windstream Communications	\$0.00	\$40,000.00	
City of Springfield- Water	\$0.00	\$0.00	
Comcast	\$0.00	\$10,000.00	
		\$0.00	
	\$0.00	\$0.00	
Total 0.00%	\$375,000.00	\$50,000.00	
Department Responsibility 100.00%	\$375,000.00	\$ 0.00	
Local Sponsor Responsibility 0.00%	\$ 0.00	\$ 0.00	PFA Dated N/A with N/A

** Indicates Potential Utility Aid Request from Local Gov't

Estimate is based on the best available information at the current stage, unforeseen prior rights information may be provided by the Utility Company at a later date that could cause some non-reimbursable costs to shift to the reimbursable cost column.

If additional information is needed, please contact John Royal at 912-530-4405.

cc: Lee Upkins, State Utilities Manager
Kerry Gore, Assistant State Utilities Administrator
Yulonda Pride-Foster, Utilities Preconstruction Manager
Davida White, Utilities Preconstruction Specialist
Vahid Munshi, Management Specialist

NOTICE OF LOCATION AND DESIGN APPROVAL

P.I. Number 0009872, Effingham 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: **September 1, 2016**

The proposed project would consist of improvements to the intersection of SR 275 at CR 307/Rincon-Stillwell Rd/Long Bridge Road in Effingham County. In the project area, SR 275 is a two lane rural major collector with a posted speed limit of 45 mph and an Annual Average Daily Traffic (AADT) of 880 vehicles per day. CR 307/Rincon-Stillwell Road/Long Bridge Road is a two lane rural major collector with a posted speed limit of 55 mph and an AADT of 2,870 vehicles per day. Currently, the 4-legged intersection is stop controlled on the CR 307/Rincon-Stillwell Road/Long Bridge Rd approaches with no turn lanes in any direction. Improvements would be designed to improve operational efficiency at the intersection.

The proposed project will consist of two 12-foot lanes with 10' rural shoulders (6.5' paved) on SR 275 / Ebenezer Road and on CR 307 / Rincon-Stillwell Road / Long Bridge Road. A 150' diameter, single lane roundabout is proposed at the intersection of SR 275/Ebenezer Road and CR 307/Rincon-Stillwell Road/Long Bridge Road. The intersection is located approximately 3.3 miles north of Rincon, GA and 2.6 miles south of Stillwell, GA in Effingham County. The construction will be approximately 500' in each direction of the intersection. This project is located in G.M.D. #9.

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:

Ron Nelson
District 5, Area 4 Engineer
ronelson@dot.ga.gov
Georgia Department of Transportation
17213 U.S. Highway 301 North
Statesboro, GA 30458
(912) 871-1103

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
State Program Delivery Engineer
Attn: Cassius O. Edwards
cedwards@dot.ga.gov
Georgia Department of Transportation
600 West Peachtree Street, 25th Floor
Atlanta, GA 30308
(912) 530-4370

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.