

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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

**FILE** P.I. #0007273 **OFFICE** Design Policy & Support  
CSSTP-0007-00(273)  
GDOT District 4 - Tifton  
Tift County **DATE** January 14, 2014  
CR299/Old Omega Rd Improvements from  
SR35/US319 to I-75

**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:

Bobby Hilliard, Program Control Administrator  
Genetha Rice-Singleton, State Program Delivery Engineer  
Glenn Bowman, State Environmental Administrator  
Kathy Zahul, State Traffic Engineer  
Phil Copeland, State Right-of-Way Administrator  
Lisa Myers, State Project Review Engineer  
Andy Casey, State Roadway Design Engineer  
Attn: Jan Hilliard, Design Group Manager  
Cindy VanDyke, State Transportation Planning Administrator  
Jeff Fletcher, Location Bureau Chief  
Angela Robinson, Financial Management Administrator  
Joe Sheffield, District Engineer  
Brent Thomas, District Preconstruction Engineer  
Shane Pridgen, District Planning & Programming Engineer  
Michael Atkinson, *for* Area Engineer - D4, A4  
Matt Bennett, Project Manager  
BOARD MEMBER - 8th Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTEROFFICE CORRESPONDENCE  
LOCATION AND DESIGN REPORT**

**FILE** P.I. Number 0007273  
CSSTP-0007-00(273)  
Tift County  
CR 299/Old Omega Road from  
SR 35/US 319 to I-75

**OFFICE** Program Delivery

**DATE** December 20, 2013



*for:*

**FROM** Genetha Rice-Singleton, State Program Delivery Engineer

**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 project would improve County Road (CR) 299/Omega Road to State Route standards from State Route (SR) 35/US 319 to I-75 for a total distance of approximately 0.3 miles in Tift County. This section of roadway would be designated as a SR 35 Connector. The western end of the project realigns CR 299/Omega Road to tie in SR 35/US 319 at an angle closer to 90 degrees, with the new intersection midpoint located approximately 190 feet north of the existing intersection midpoint. The project also includes modifying several signs along I-75 southbound and I-75 northbound leading up to exits for US 82/SR 520/7th Street and CR 299/Omega Road due to the designation of CR 299/Omega Road as a SR 35 Connector. The I-75 southbound single lane exit ramp to CR 299/Omega Road would be modified to a left and right turn lane at the intersection and a median barrier would be added to separate the entrance and exit ramps.

The existing CR 299/Omega Road consists of two 12-foot travel lanes with 6-foot graded shoulders within 100 feet of right-of-way. The proposed CR 299/Omega Road typical section would consist of two 12-foot travel lanes with 10-foot and 12-foot urban shoulders with sidewalk on the north side only within 100 feet to 120 feet of right-of-way. The existing and proposed speed limit would be 45 miles per hour. The existing intersection is unsignalized and would remain unsignalized with a stop condition on CR 299/Omega Road.

**Concept Approval Date:** November 28, 2012

**Concept Update:** N/A

**Environmental Document:**

Document Type: Programmatic Categorical Exclusion

Approval Date: Jan 13, 2014  


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

**Public Involvement:** A Public Information Open House (PIOH) was held on June 4, 2013. A total of seven (7) people were in attendance. There were only two (2) comments received. Both were in support of the project, and there were no questions or suggestions included in the comments.

**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:** *[Signature]* 1/14/2014  
GDOT Director of Engineering

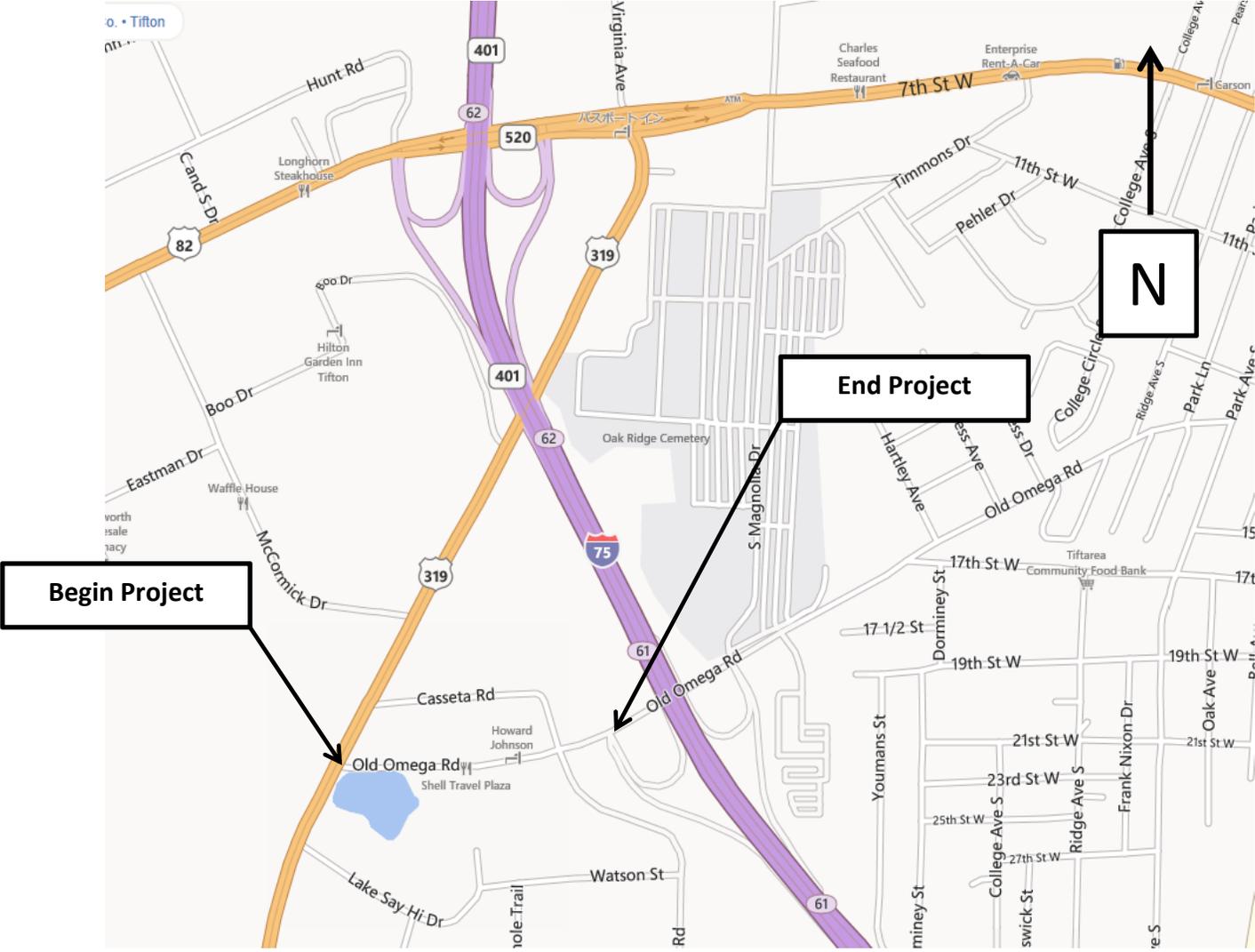
**APPROVE:** *[Signature]* 1/14/14  
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: January 14, 2014  
(To be entered by State Conceptual Design Group Manager)

Attachments:

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

**PROJECT LOCATION**



**INTERSECTION IMPROVEMENT- CR 299/OMEGA RD. @ SR 35 /US 319**

**P.I. Number: 0007273**

**Tift County**

# DETAILED COST ESTIMATE



**Job: 0007273**

**JOB NUMBER** 0007273

**FED/STATE PROJECT NUMBER**

**SPEC YEAR:** 01

**DESCRIPTION:** CR 299/OMEGA ROAD FROM SR 35/US 319 TO I-75

**ITEMS FOR JOB 0007273**

**0010 - ROADWAY ITEMS**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$60,000.00000	TRAFFIC CONTROL - CSSTP-0007-00(273)	\$60,000.00
0010	154-1000	1.000	LS	\$75,000.00000	CONSTRUCTION VIBRATION MONITORING	\$75,000.00
0015	210-0100	1.000	LS	\$250,000.00000	GRADING COMPLETE - CSSTP-0007-00(273)	\$250,000.00
0020	310-1101	2155.000	TN	\$24.40394	GR AGGR BASE CRS, INCL MATL	\$52,590.49
0025	318-3000	200.000	TN	\$27.89248	AGGR SURF CRS	\$5,578.50
0030	402-1812	1943.000	TN	\$74.25959	RECYL AC LEVELING,INC BM&HL	\$144,286.38
0045	402-3121	620.000	TN	\$68.69950	RECYL AC 25MM SP,GP1/2,BM&HL	\$42,593.69
0040	402-3190	465.000	TN	\$71.80698	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$33,390.25
0035	402-4510	1270.000	TN	\$80.03018	RECYL AC 12.5 MM SP,GP2ONLY,INC P-MBM&HL	\$101,638.33
0050	413-1000	983.000	GL	\$2.72999	BITUM TACK COAT	\$2,683.58
0055	432-5010	1940.000	SY	\$5.98287	MILL ASPH CONC PVMT,VARB DEPTH	\$11,606.77
0080	441-0104	624.000	SY	\$56.16972	CONC SIDEWALK, 4 IN	\$35,049.91
0085	441-0748	27.000	SY	\$85.69660	CONC MEDIAN, 6 IN	\$2,313.81
0060	441-4020	129.000	SY	\$61.96841	CONC VALLEY GUTTER, 6 IN	\$7,993.92
0090	441-6222	2856.000	LF	\$22.82253	CONC CURB & GUTTER/ 8"X30"TP2	\$65,181.15
0075	446-1100	2522.000	LF	\$5.55563	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	\$14,011.30
0070	456-2015	1.000	GLM	\$3,393.36923	INDENT. RUMB. STRIPS - GRND-IN-PL (SKIP)	\$3,393.37
0170	500-3101	2.200	CY	\$528.73231	CLASS A CONCRETE	\$1,163.21
0065	500-9999	30.000	CY	\$293.26142	CL B CONC,BASE OR PVMT WIDEN	\$8,797.84
0120	550-1180	1040.000	LF	\$37.66907	STM DR PIPE 18",H 1-10	\$39,175.83
0125	550-1240	96.000	LF	\$46.36759	STM DR PIPE 24",H 1-10	\$4,451.29
0130	550-1300	492.000	LF	\$60.84841	STM DR PIPE 30",H 1-10	\$29,937.42
0135	550-2180	44.000	LF	\$36.19898	SIDE DR PIPE 18",H 1-10	\$1,592.76
0175	550-3318	7.000	EA	\$604.00889	SAFETY END SECTION 18",STD,4:1	\$4,228.06
0385	610-0213	190.000	LF	\$10.00000	REM CH LK FENCE, 6 FT	\$1,900.00
0155	611-3030	1.000	EA	\$2,483.24356	REC STORM SEW MANHOLE, TYPE 1	\$2,483.24
0095	621-6001	334.000	LF	\$64.45739	CONC BARRIER, TP S-1	\$21,528.77
0110	634-1200	11.000	EA	\$113.70800	RIGHT OF WAY MARKERS	\$1,250.79
0105	641-1200	52.000	LF	\$20.90658	GUARDRAIL, TP W	\$1,087.14
0100	641-5012	1.000	EA	\$2,021.24892	GUARDRAIL ANCHORAGE, TP 12	\$2,021.25
0390	643-1152	190.000	LF	\$30.91558	CH LK FEN,ZC COAT, 6', 9 GA	\$5,873.96
0115	643-8200	580.000	LF	\$4.09640	BARRIER FENCE (ORANGE), 4 FT	\$2,375.91
0140	668-1100	9.000	EA	\$2,586.87316	CATCH BASIN, GP 1	\$23,281.86
0145	668-1110	9.000	LF	\$262.63808	CATCH BASIN, GP 1, ADDL DEPTH	\$2,363.74
0150	668-2100	6.000	EA	\$2,239.41165	DROP INLET, GP 1	\$13,436.47
0160	668-4300	1.000	EA	\$2,685.42538	STORM SEW MANHOLE, TP 1	\$2,685.43
0165	668-8011	21.000	SF	\$31.57750	SAFETY GRATE, TP 1	\$663.13
<b>SUBTOTAL FOR ROADWAY ITEMS:</b>						<b>\$1,077,609.55</b>

# DETAILED COST ESTIMATE



**Job: 0007273**

## 0020 - PERM EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0180	163-0240	13.500	TN	\$315.47006	MULCH	\$4,258.85
0185	167-1000	3.000	EA	\$1,099.04595	WATER QUALITY MONITORING AND SAMPLING	\$3,297.14
0190	167-1500	18.000	MO	\$1,322.56690	WATER QUALITY INSPECTIONS	\$23,806.20
0195	603-2182	16.000	SY	\$74.94300	STN DUMPED RIP RAP, TP 3, 24"	\$1,199.09
0200	603-7000	16.000	SY	\$5.77543	PLASTIC FILTER FABRIC	\$92.41
0205	700-6910	4.500	AC	\$1,107.07545	PERMANENT GRASSING	\$4,981.84
0210	700-7000	13.500	TN	\$61.11416	AGRICULTURAL LIME	\$825.04
0215	700-8000	3.000	TN	\$402.89380	FERTILIZER MIXED GRADE	\$1,208.68
0220	700-8100	225.000	LB	\$3.03362	FERTILIZER NITROGEN CONTENT	\$682.56
0225	710-9000	1800.000	SY	\$4.15824	PERM SOIL REINFORCING MAT	\$7,484.83
<b>SUBTOTAL FOR PERM EROSION CONTROL:</b>						<b>\$47,836.64</b>

## 0030 - TEMP EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0230	163-0232	2.500	AC	\$855.51163	TEMPORARY GRASSING	\$2,138.78
0235	163-0240	59.000	TN	\$362.00952	MULCH	\$21,358.56
0240	163-0503	12.000	EA	\$544.40758	CONSTR AND REMOVE SILT CONTROL GATE, TP 3	\$6,532.89
0245	163-0527	10.000	EA	\$200.00000	CNST/REM RIP RAP CKDM, STN P RIPRAP/SN BG	\$2,000.00
0275	163-0528	4800.000	LF	\$4.00000	CONSTR AND REM FAB CK DAM -TP C SLT FN	\$19,200.00
0265	163-0550	22.000	EA	\$204.97094	CONS & REM INLET SEDIMENT TRAP	\$4,509.36
0250	165-0030	2800.000	LF	\$2.22751	MAINT OF TEMP SILT FENCE, TP C	\$6,237.03
0280	165-0041	2500.000	LF	\$1.00000	MAINT OF CHECK DAMS - ALL TYPES	\$2,500.00
0255	165-0087	12.000	EA	\$149.85733	MAINT OF SILT CONTROL GATE, TP 3	\$1,798.29
0270	165-0105	22.000	EA	\$99.55143	MAINT OF INLET SEDIMENT TRAP	\$2,190.13
0260	171-0030	5600.000	LF	\$4.78336	TEMPORARY SILT FENCE, TYPE C	\$26,786.82
0259	700-8000	0.500	TN	\$439.83742	FERTILIZER MIXED GRADE	\$219.92
<b>SUBTOTAL FOR TEMP EROSION CONTROL:</b>						<b>\$95,471.78</b>

# DETAILED COST ESTIMATE



**Job: 0007273**

**0040 - SIGNING AND MARKING**

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0285	636-1020	89.000	SF	\$17.31403	HWY SGN,TP1MAT,REFL SH TP3	\$1,540.95
0290	636-1033	100.000	SF	\$22.44459	HWY SIGNS, TP1MAT,REFL SH TP 9	\$2,244.46
0315	636-1072	2687.000	SF	\$27.13481	HWY SIGNS,ALUM EXTRD PNLS, RS TP 3	\$72,911.23
0295	636-2070	209.500	LF	\$9.49165	GALV STEEL POSTS, TP 7	\$1,988.50
0300	636-2080	121.500	LF	\$10.90044	GALV STEEL POSTS, TP 8	\$1,324.40
0305	636-2090	14.000	LF	\$11.29967	GALV STEEL POSTS, TP 9	\$158.20
0310	636-3010	2.000	EA	\$559.14296	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	\$1,118.29
0320	653-0120	14.000	EA	\$87.38992	THERM PVMT MARK, ARROW, TP 2	\$1,223.46
0325	653-0140	1.000	EA	\$92.30780	THERM PVMT MARK, ARROW, TP 4	\$92.31
0330	653-0210	7.000	EA	\$124.04166	THERM PVMT MARK, WORD , TP 1	\$868.29
0335	653-1501	5400.000	LF	\$0.69249	THERMO SOLID TRAF ST 5 IN, WHI	\$3,739.45
0340	653-1502	4100.000	LF	\$0.52194	THERMO SOLID TRAF ST, 5 IN YEL	\$2,139.95
0345	653-1704	100.000	LF	\$5.50588	THERM SOLID TRAF STRIPE,24",WH	\$550.59
0350	653-1804	1450.000	LF	\$2.31247	THERM SOLID TRAF STRIPE, 8",WH	\$3,353.08
0355	653-3501	380.000	GLF	\$0.59589	THERMO SKIP TRAF ST, 5 IN, WHI	\$226.44
0360	653-6004	730.000	SY	\$3.96931	THERM TRAF STRIPING, WHITE	\$2,897.60
0365	653-6006	30.000	SY	\$4.59214	THERM TRAF STRIPING, YELLOW	\$137.76
0370	654-1001	48.000	EA	\$5.18255	RAISED PVMT MARKERS TP 1	\$248.76
0375	654-1003	60.000	EA	\$5.01504	RAISED PVMT MARKERS TP 3	\$300.90
0380	654-1010	14.000	EA	\$39.70463	RAISED PVMT MARKERS TP 10	\$555.86
<b>SUBTOTAL FOR SIGNING AND MARKING:</b>						<b>\$97,620.48</b>

**TOTALS FOR JOB 0007273**

<b>ITEMS COST:</b>	<b>\$1,318,538.45</b>
<b>COST GROUP COST:</b>	<b>\$0.00</b>
<b>ESTIMATED COST:</b>	<b>\$1,318,538.45</b>
<b>CONTINGENCY PERCENT:</b>	<b>0.00</b>
<b>ENGINEERING AND INSPECTION:</b>	<b>0.05</b>
<b>ESTIMATED COST WITH CONTINGENCY AND E&amp;I:</b>	<b>\$1,384,465.37</b>

**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**CSSTP-0007-00(273) Tift COUNTY**  
**P. I. NUMBER 0007273**

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: [January 14, 2014](#)

The proposed project would improve County Road (CR) 299/Omega Road to State Route standards from State Route (SR) 35/US 319 to I-75 for a total distance of approximately 0.3 miles in Tift County. This section of roadway would be designated as a SR 35 Connector. The western end of the project realigns CR 299/Omega Road to tie in SR 35/US 319 at an angle closer to 90 degrees, with the new intersection midpoint located approximately 190 feet north of the existing intersection midpoint. The project also includes modifying several signs along I-75 southbound and I-75 northbound leading up to exits for US 82/SR 520/7th Street and CR 299/Omega Road due to the designation of CR 299/Omega Road as a SR 35 Connector. The I-75 southbound single lane exit ramp to CR 299/Omega Road would be modified to a left and right turn lane at the intersection and a median barrier would be added to separate the entrance and exit ramps.

The proposed CR 299/Omega Road typical section would consist of two 12-foot travel lanes with 10-foot and 12-foot urban shoulders with sidewalk on the north side only within 100 feet to 120 feet of right-of-way. The existing and proposed speed limit would be 45 miles per hour. The existing intersection is unsignalized and would remain unsignalized with a stop condition on CR 299/Omega Road. This project is located in Land District 6.

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:

Michael Atkinson  
matkinson@dot.ga.gov  
120 Veterans Pkwy  
Moultrie, Georgia 31788  
229-891-7130

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:

Genetha Rice-Singleton  
Program Delivery  
Attn: Matt Bennett  
grice-singleton@dot.ga.gov  
600 West Peachtree St., 25<sup>th</sup> Floor  
Atlanta, GA 30308  
404-631-1522

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.