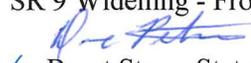


DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I.# 0008357 **OFFICE** Design Policy & Support
CSSTP-0008-00(357)
Forsyth County
GDOT District 1 - Gainesville **DATE** 1/3/2017
SR 9 Widening - From SR 371 to SR 141

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
Richard Cobb, Location Bureau Chief
Brent Cook, District Engineer
Brandon Kirby, District Preconstruction Engineer
Kim Coley, District Planning & Programming Engineer
Scott Frederick, Area Engineer - D1, A1
Anthony Tate, Project Manager
BOARD MEMBER - 7th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT**

FILE: P.I. # 0008357
CSSTP-0008-00(357)
Forsyth County
SR 9 From SR 371/Post Road/Mullinax Road
to SR 141/Bethelview Road

OFFICE: Program Delivery

DATE: December 5, 2016

FROM: Albert V. Shelby, III, State Program Delivery Administrator 

TO: Brent 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: Project CSSTP-0008-00(357) is located in Forsyth County and includes the widening of SR 9/Atlanta Highway from existing two lanes to four lanes with raised median and urban shoulders. Project begins just past the intersection with SR 371/Post Road/Mullinax Road and ends 1,000 feet south of the intersection with SR 141/Bethelview Road for a total length of 3.56 miles. Horizontal and vertical geometry will meet a 45-mph design speed and normal right-of-way will be set at the shoulder break for an 84-foot minimum right-of-way corridor. Proposed roadway will be an urban section with two (2) 11-foot travel lanes in each direction and separated by a 16-foot raised median. There will be a 12-foot shoulder on each side with a 5-foot sidewalk. East of the intersection with Carolene Way/Castleberry Road, 8-foot wide multi-use path and 16-foot urban shoulders are proposed to provide bike and pedestrian connectivity to Big Creek Greenway. The existing 5 barrel bridge culvert carrying SR 9 over Big Creek will be replaced with a bridge.

Concept Approval Date: June 2, 2015

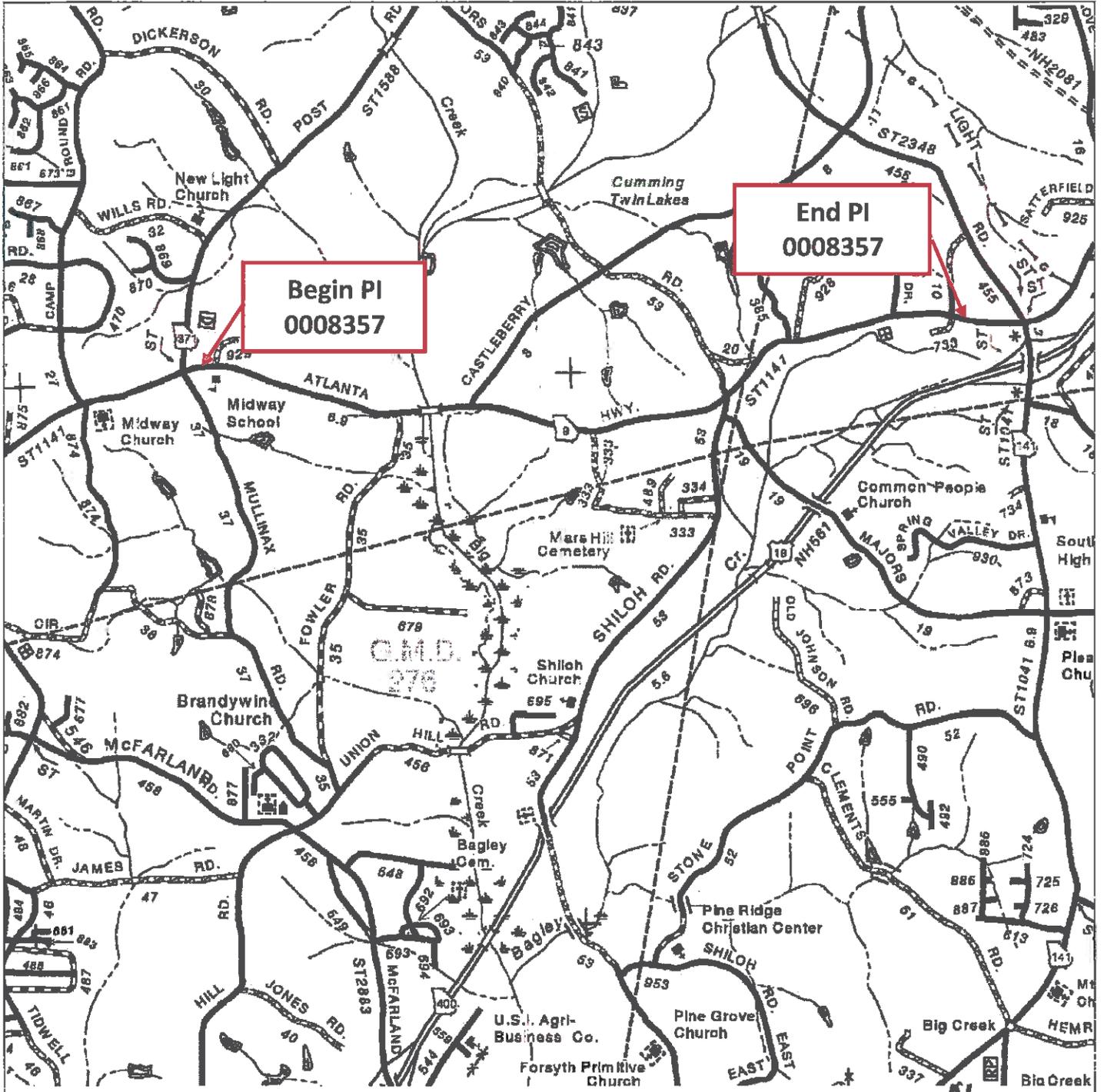
Concept Update: In order to transition the proposed project to adjacent projects, the project termini have changed following concept approval from a project length of 3.56 miles to 3.5 miles. Based on approved bridge hydraulic study proposed bridge length is revised from 201.5 feet to 390 feet

Environmental Document: N/A – This project is State Funded with costs less than \$100 Million.

Document Type: N/A

Approval Date: N/A

PROJECT LOCATION



Project Location Map
(not to scale)

Project: CSSTP-0008-00(357), PI No.: 0008357
SR 9/Atlanta Highway, Forsyth County, Georgia



STATE HIGHWAY AGENCY

DATE : 11/16/2016

PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 0008357-1 SPEC YEAR: 01
 DESCRIPTION: SR9 FROM SR 371 TO SOUTH OF SR 141
 FORSYTH COUNTY

ITEMS FOR JOB 0008357-1

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - CSSTP-0008-00-(357)	1.000	1750000.00	1750000.00
0010	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	82653.87	82653.87
0015	210-0100		LS	GRADING COMPLETE - CSSTP-0008-00-(357)	1.000	1667390.00	1667390.00
0020	310-1101		TN	GR AGGR BASE CRS, INCL MATL	309037.000	15.92	4921225.71
0030	318-3000		TN	AGGR SURF CRS	3432.000	17.51	60109.28
0035	402-1812		TN	RECYL AC LEVELING, INC BM&HL	28068.000	61.33	1721451.70
0040	402-3100		TN	REC AC 9.5 MM SP, TPI, GP1ORBL1, INCL BM&HL	105.000	93.12	9778.56
0045	402-4506		TN	RECYL AC 9.5MM, SP, TPII, GP2ON, IN PMBM&HL	382.000	82.41	31480.62
0050	402-3121		TN	RECYL AC 25MM SP, GP1/2, BM&HL	40175.000	69.70	2800197.50
0055	402-4510		TN	RECYL AC 12.5 MM SP, GP2ONLY, INC P-MBM&HL	12439.000	76.68	953830.48
0060	402-3190		TN	RECYL AC 19 MM SP, GP 1 OR 2 , INC BM&HL	22038.000	82.44	1816812.72
0065	413-1000		GL	BITUM TACK COAT	11745.000	2.94	34530.30
0070	432-5010		SY	MILL ASPH CONC PVMT, VARB DEPTH	320207.000	1.11	357101.25
0075	441-0106		SY	CONC SIDEWALK, 6 IN	11928.000	40.90	487881.68
0076	441-0108		SY	CONC SIDEWALK, 8 IN	1303.000	48.46	63150.30
0077	441-4020		SY	CONC VALLEY GUTTER, 6 IN	171.000	39.75	6797.54
0078	441-4030		SY	CONC VALLEY GUTTER, 8 IN	1916.000	45.80	87765.37
0080	441-0748		SY	CONC MEDIAN, 6 IN	18608.000	43.63	811909.65
0085	441-5008		LF	CONC HEADER CURB, 6 IN, TP 7	24946.000	16.12	402212.34
0090	441-5052		LF	CONC DWL INT CURB, TP 2, DOWELS	12673.000	5.50	69701.50
0100	441-6222		LF	CONC CURB & GUTTER/ 8"X30"TP2	17421.000	15.99	278614.58
0105	446-1100		LF	PVMT REF FAB STRIPS, TP2, 18 INCH WIDTH	13683.000	3.54	48560.15
0110	500-3201		CY	CL B CONC, RET WALL	161.000	697.74	112337.38
0111	500-3800		CY	CL A CONC, INCL REINF STEEL	186.000	1052.13	195697.50
0115	500-9999		CY	CL B CONC, BASE OR PVMT WIDEN	145.000	182.83	26511.04
0120	515-2020		LF	GALV STEEL PIPE HDRAIL, 2", ROUD	780.000	28.92	22558.74
0125	621-4021		LF	CONCRETE SIDE BARRIER, TY 2A	1482.000	278.04	412055.28
0130	621-4022		LF	CONCRETE SIDE BARRIER, TY 2B	908.000	443.20	402425.60
0135	621-4023		LF	CONCRETE SIDE BARRIER, TY 2C	658.000	709.12	466600.96
0140	632-0003		EA	CHANGEABLE MESS SIGN, PORT, TP 3	12.000	8580.87	102970.46
0145	634-1200		EA	RIGHT OF WAY MARKERS	479.000	99.08	47464.09
0149	641-1100		LF	GUARDRAIL, TP T	337.000	49.71	16753.57
0150	641-1200		LF	GUARDRAIL, TP W	4774.000	17.30	82594.16
0155	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	17.000	904.34	15373.94
0160	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	25.000	2067.91	51697.92
0165	668-1100		EA	CATCH BASIN, GP 1	384.000	2357.89	905430.37
0166	668-1200		EA	CATCH BASIN, GP 2	72.000	3050.17	219612.39
0170	668-2100		EA	DROP INLET, GP 1	92.000	1990.45	183122.18
0171	668-2210		LF	DROP INLET, GP 2, ADDL DEPTH	25.000	282.80	7070.16

STATE HIGHWAY AGENCY

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JOB ESTIMATE REPORT

0175	668-5000	EA	JUNCTION BOX	6.000	1957.96	11747.80
0180	668-4300	EA	STORM SEW MANHOLE, TP 1	12.000	1971.96	23663.61
0181	668-4311	LF	ST SEW MANHOLE,TP 1,A DEP,CL 1	30.000	185.52	5565.73
0185	550-1180	LF	STM DR PIPE 18",H 1-10	17594.000	34.09	599869.54
0190	550-1240	LF	STM DR PIPE 24",H 1-10	3377.000	41.93	141602.07
0195	550-1360	LF	STM DR PIPE 36",H 1-10	198.000	77.63	15371.37
0200	550-1480	LF	STM DR PIPE 48",H 1-10	802.000	100.28	80431.05
0205	550-4218	EA	FLARED END SECT 18 IN, ST DR	9.000	596.59	5369.38
0210	550-4224	EA	FLARED END SECT 24 IN, ST DR	8.000	637.74	5101.94
0211	550-4230	EA	FLARED END SECT 30 IN, ST DR	2.000	790.13	1580.26
0215	441-0304	EA	CONC SPILLWAY, TP 4	2.000	1586.13	3172.26
0220	603-2024	SY	STN DUMPED RIP RAP, TP 1, 24"	309.000	52.99	16374.43
0225	603-2182	SY	STN DUMPED RIP RAP, TP 3, 24"	2.000	57.83	115.68
0230	603-7000	SY	PLASTIC FILTER FABRIC	310.000	3.87	1202.14
0235	163-0232	AC	TEMPORARY GRASSING	21.000	331.06	6952.30
0240	163-0240	TN	MULCH	1195.000	160.73	192078.56
0245	163-0300	EA	CONSTRUCTION EXIT	11.000	1286.32	14149.53
0250	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	30.000	403.36	12101.09
0255	163-0520	LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	624.000	15.22	9499.98
0259	231-1250	EA	MISC CONSTR, UNPAVED RDS, STS AND DRWAYS	7.000	240.30	1682.10
0260	163-0527	EA	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG	181.000	259.25	46925.08
0261	318-3000	TN	AGGR SURF CRS	320.000	21.78	6970.43
0262	550-2180	LF	SIDE DR PIPE 18",H 1-10	130.000	31.13	4046.99
0263	573-2006	LF	UNDDR PIPE INCL DRAIN AGGR 6"	690.000	15.31	10567.19
0264	603-2182	SY	STN DUMPED RIP RAP, TP 3, 24"	412.000	33.09	13636.33
0265	163-0541	EA	CONSTR & REM ROCK FILTER DAMS	9.000	643.38	5790.50
0266	668-2105	EA	DROP INLET, GP 1, SPCL DES	11.000	2752.53	30277.91
0270	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	30.000	129.80	3894.22
0275	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	16590.000	0.34	5724.05
0280	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	14.000	3.33	46.63
0285	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	30.000	74.34	2230.32
0290	165-0101	EA	MAINT OF CONST EXIT	6.000	585.39	3512.39
0295	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	30.000	31.88	956.65
0300	165-0110	EA	MAINT OF ROCK FILTER DAM	9.000	107.10	963.97
0305	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	18.000	157.75	2839.65
0310	167-1500	MO	WATER QUALITY INSPECTIONS	24.000	395.29	9486.96
0315	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	33180.000	2.74	91184.94
0320	643-8200	LF	BARRIER FENCE (ORANGE), 4 FT	5257.000	1.58	8343.23
0325	716-1000	SY	EROSION CONTROL MATS,WATERWAYS	1071.000	1.77	1898.02
0330	716-2000	SY	EROSION CONTROL MATS, SLOPES	17550.000	0.87	15438.74
0335	441-0204	SY	PLAIN CONC DITCH PAVING, 4 IN	2920.000	33.57	98034.27
0340	700-6910	AC	PERMANENT GRASSING	21.000	827.48	17377.20
0345	700-7000	TN	AGRICULTURAL LIME	41.000	101.07	4144.07
0350	700-8000	TN	FERTILIZER MIXED GRADE	16.000	547.67	8762.79
0355	700-8100	LB	FERTILIZER NITROGEN CONTENT	2036.000	2.67	5440.97
0360	711-0100	SY	TURF REINFORCING MATTING, TP 1	12090.000	66.50	803985.00
0361	009-3000	LS	MISCELLANEOUS CONSTRUCTION GEOTEXTILE LINER	1.000	6014.00	6014.00
0362	009-3000	LS	MISCELLANEOUS CONSTRUCTION ENGINEERING	1.000	12540.00	12540.00

STATE HIGHWAY AGENCY

DATE : 11/16/2016

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JOB ESTIMATE REPORT

QTY	ITEM NO	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	AMOUNT
MEDIA						
0363	009-3000	LS	MISCELLANEOUS CONSTRUCTION GRAVEL	1.000	224.00	224.00
0365	647-1000	LS	TRAF SIGNAL INSTALLATION NO -	1.000	175000.00	175000.00
CASTLBERRY ROAD						
0366	647-1000	LS	TRAF SIGNAL INSTALLATION NO - MAJORS	1.000	175000.00	175000.00
ROAD						
0371	636-1020	SF	HWY SGN,TP1MAT,REFL SH TP3	281.000	15.19	4270.47
0375	636-1029	SF	HWY SGN,TP2 MATL,REFL SH TP 3	47.000	17.95	843.72
0380	636-1036	SF	HWY SIGNS, TP1 MATL,REFL SH, TP 11	484.000	18.27	8842.68
0381	636-1041	SF	HWY SIGNS,TP 2MAT,REFL SH TP 9	125.000	32.26	4032.50
0385	636-1077	SF	HWY SIGN,ALUM EXT PL,REFL SHT,TP 9	78.000	20.81	1623.18
0390	636-2070	LF	GALV STEEL POSTS, TP 7	1217.000	6.87	8367.76
0395	636-2080	LF	GALV STEEL POSTS, TP 8	203.000	9.59	1947.47
0400	636-2090	LF	GALV STEEL POSTS, TP 9	265.000	7.54	1999.09
0405	639-2002	LF	STEEL WIRE STRAND CABLE, 3/8"	172.000	8.67	1491.44
0410	639-3004	EA	STEEL STRAIN POLE, TP IV	4.000	11735.20	46940.81
0411	647-5230	EA	SIGNAL ASS, FLASHING SCHOOL,CO	4.000	7495.43	29981.74
0415	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	209.000	71.42	14927.41
0420	653-0170	EA	THERM PVMT MARK, ARROW, TP 7	12.000	112.14	1345.74
0425	653-0210	EA	THERM PVMT MARK, WORD , TP 1	109.000	94.49	10299.65
0430	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	65302.000	0.36	23767.97
0435	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	43181.000	0.38	16637.64
0440	653-1704	LF	THERM SOLID TRAF STRIPE,24",WH	1108.000	5.42	6012.64
0445	653-1804	LF	THERM SOLID TRAF STRIPE, 8",WH	31106.000	1.92	59951.84
0450	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	48298.000	0.17	8367.63
0451	653-6006	SY	THERM TRAF STRIPING, YELLOW	421.000	3.93	1657.17
0455	653-6004	SY	THERM TRAF STRIPING, WHITE	2480.000	3.64	9039.20
0460	654-1001	EA	RAISED PVMT MARKERS TP 1	62.000	4.57	283.84
0465	654-1003	EA	RAISED PVMT MARKERS TP 3	624.000	3.60	2250.35
0470	543-9000	LS	CONSTR OF BRIDGE COMPLETE - BRIDGE OVER BIG CREEK	1.000	2415440.00	2415440.00
0475	441-0105	SY	CONC SIDEWALK, 5 IN TRAIL	1216.000	31.50	38304.00

ITEM TOTAL

27170944.05

INFLATED ITEM TOTAL

27170944.05

TOTALS FOR JOB 0008357-1

ESTIMATED COST:

27170944.10

CONTINGENCY PERCENT (0.0):

0.00

ESTIMATED TOTAL:

27170944.10

NOTICE OF LOCATION AND DESIGN APPROVAL
Project Number CSSTP-0008-00(357), Forsyth County
P.I. # 0008357

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 approval is January 3, 2017

Project CSSTP-0008-00(357) includes approximately 3.5 miles of widening and reconstruction of SR 9/Atlanta Highway from existing two lanes to four lanes with a 16-foot raised median and urban shoulders consisting of 2.5-foot curb and gutter, 2-foot grassed strip, and 5-foot to 8-foot sidewalk. Project begins north of the intersection with SR 371/Post Road/Mullinax Road and ends approximately 1,000 south of the intersection with SR 141/Bethelview Road. The project is located in Forsyth County in Land Districts 1 and 2.

Project CSSTP-0008-00(357) is anticipated to improve the operations along the roadway by adding additional through lanes along SR 9, as well as adding additional turn lanes at major intersections. A reduction in frequency and/or severity of crashes, and pedestrian accommodation are anticipated to be secondary benefits of this project.

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:

Scott D. Frederick
sfrederick@dot.ga.gov
Georgia Department of Transportation
2594 Gillsville Highway
Gainesville, Georgia 30507
770-531-5880

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 Administrator
Attn: Anthony Tate
ashelby@dot.ga.gov
600 West Peachtree Street, 25th Floor
Atlanta, Georgia 30308
404-631-1758

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.