

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0007050 **OFFICE** Design Policy & Support
CSBRG-0007-00(050)
Pulaski County
GDOT District 3 - Thomaston **DATE** 9/1/2015
SR 26 @ Ocmulgee River in Hawkinsville

Kim Phillips
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
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Hiral Patel, State Environmental Administrator
Ben Rabun, 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: Joshua Taylor, Design Group Manager
Richard Cobb, Location Bureau Chief
Michael Presley, District Engineer
Adam Smith, District Preconstruction Engineer
Jack Reed, District Planning & Programming Engineer
Michael Keene, Area Engineer - D3, A3
Clinton Ford, Project Manager
BOARD MEMBER - 8th Congressional District

Concur: *Alan Bonn*
GDOT Director of Engineering

Approve: *Margaret B. Pukl* *8.24.15*
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: *September 1, 2015*
(To be entered by State Conceptual Design Group Manager)

- Attachments:
- Sketch Map
 - Construction Cost Estimate
 - Notice of Location and Design Approval
 - Typical sections

BNA
AVS:BWS:KESD:CBF

NOTICE OF LOCATION AND DESIGN APPROVAL
CSBRG-0007-00(050) Pulaski COUNTY
0007050

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, 2015

This project proposes to replace the two-lane SR 27 westbound bridge and the two-lane SR 26 eastbound bridge over the Ocmulgee River, which are located east of the City of Hawkinsville in Pulaski County, Georgia. The project lies in Land Lot 22 and Land District 232. The proposed project length is approximately 0.74 miles.

Each bridge will contain two (2) 12 ft. lanes with 4 ft. bike lane, a 2 ft. gutter and a 5.5 ft. sidewalk on the outside shoulder and a 4 ft. flush inside shoulder. Each roadway approach will consist of two 12-foot lanes and 6-foot shoulders (2-foot paved). Each bridge will be replaced with a bridge that is 1168 feet long and 42 feet wide. The purpose of the project is to remove the existing bridge structures and replace them in their respective existing locations.

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 Keene, Area Engineer
mkeene@dot.ga.gov
200 Julianne Dr. Perry GA 31069
478-988-7151

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 Shelby
State Program Delivery Engineer
ashelby@dot.ga.gov
600 West Peachtree St. NW, 25th Floor
Atlanta GA 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.

DETAILED COST ESTIMATE



Job: 0007050 ALT 2

JOB NUMBER 0007050 ALT 2

FED/STATE PROJECT NUMBER CSBRG-0007-00(050)

SPEC YEAR: 01

DESCRIPTION: SR 26 @ OCMULGEE RIVER
ALTERNATE 2

ITEMS FOR JOB 0007050 ALT 2

0010 - ROADWAY

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$200,000.00000	TRAFFIC CONTROL - CSBRG-0007-00(050)	\$200,000.00
0010	210-0100	1.000	LS	\$400,000.00000	GRADING COMPLETE - CSBRG-0007-00(050)	\$400,000.00
0061	310-5080	3332.000	SY	\$16.83786	GR AGGR BS CRS 8IN INCL MATL	\$56,103.75
0056	310-5120	9982.000	SY	\$21.86713	GR AGGR BS CRS 12IN INCL MATL	\$218,277.69
0031	402-3141	1623.000	TN	\$91.00000	RECYL AC 12.5 MM SP,GP 1 OR 2,INCL BM	\$147,693.00
0036	402-3143	2745.000	TN	\$82.00000	RECYL AC 25 MM SP,GP 1 OR 2,INCL BM	\$225,090.00
0066	402-3190	1098.000	TN	\$75.00000	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$82,350.00
0051	413-1000	1198.000	GL	\$3.37487	BITUM TACK COAT	\$4,043.09
0041	430-0210	3332.000	SY	\$42.00000	PLN PC CONC PVMT/CL1C/ 11" TK	\$139,944.00
0046	432-0206	6928.000	SY	\$2.77424	MILL ASPH CONC PVMT/ 1.50" DEP	\$19,219.93
0341	433-1000	352.000	SY	\$158.80288	REINF CONC APPROACH SLAB	\$55,898.61
0026	441-6720	846.000	LF	\$12.94000	CONC CURB & GUTTER/ 6"X30"TP7	\$10,947.24
0021	641-1200	2798.000	LF	\$16.27813	GUARDRAIL, TP W	\$45,546.21
0016	641-5001	1.000	EA	\$756.16505	GUARDRAIL ANCHORAGE, TP 1	\$756.17
0011	641-5012	4.000	EA	\$2,057.71496	GUARDRAIL ANCHORAGE, TP 12	\$8,230.86
SUBTOTAL FOR ROADWAY:						\$1,614,100.55

0020 - BRIDGE 1 - SR 26/BROAD ST

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0130	211-0300	413.000	CY	\$31.48000	BR EXCAV, STREAM CROSSING	\$13,001.24
0131	500-0100	4196.000	SY	\$4.19000	GROOVED CONCRETE	\$17,581.24
0136	500-1006	1753.000	LS	\$750.00000	SUPERSTR CONCRETE, CL AA, BR NO - CSBRG-0007-00(050)	\$1,314,750.00
0141	500-2100	1180.000	LF	\$41.25545	CONCRETE BARRIER	\$48,681.43
0140	500-2110	1180.000	LF	\$213.28000	CONCRETE PARAPET, SPCL DES	\$251,670.40
0150	500-3002	902.000	CY	\$675.00000	CL AA CONCRETE	\$608,850.00
0151	507-8900	3200.000	LF	\$100.00000	PSC BEAMS, AASHTO TP 1 MOD, BR NO - CSBRG-0007-00(050)	\$320,000.00
0156	507-9032	2700.000	LF	\$191.31825	PSC BEAMS,AASHTO,BULB TEE, 72"	\$516,559.28
0166	511-1000	180383.000	LB	\$0.72443	BAR REINF STEEL	\$130,674.86
0171	511-3000	403229.000	LS	\$0.73000	SUPERSTR REINF STEEL, BR NO - CSBRG-0007-00(050)	\$294,357.17
0176	520-2218	2450.000	LF	\$67.47872	PILING, PSC, 18 IN SQ	\$165,322.86
0181	520-2224	250.000	LF	\$67.33000	PILING, PSC, 24 IN SQ	\$16,832.50
0186	520-5000	300.000	LF	\$81.66272	PILOT HOLES CSBRG-0007-00(050)	\$24,498.82
0191	540-1101	1.000	LS	\$300,000.00000	REM OF EX BR, STA NO - CSBRG-0007-00(050)	\$300,000.00
0196	603-2024	2000.000	SY	\$48.06797	STN DUMPED RIP RAP, TP 1, 24"	\$96,135.94
0201	603-7000	2000.000	SY	\$2.99808	PLASTIC FILTER FABRIC	\$5,996.16
SUBTOTAL FOR BRIDGE 1 - SR 26/BROAD ST:						\$4,124,911.90

DETAILED COST ESTIMATE



Job: 0007050 ALT 2

0030 - BRIDGE 2 - SR 26/COMMERCE ST

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0205	211-0300	413.000	CY	\$29.56096	BR EXCAV, STREAM CROSSING	\$12,208.68
0206	500-0100	4178.000	SY	\$3.59089	GROOVED CONCRETE	\$15,002.74
0211	500-1006	1745.000	LS	\$750.00000	SUPERSTR CONCRETE, CL AA, BR NO - CSBRG-0007-00(050)	\$1,308,750.00
0216	500-2100	1175.000	LF	\$41.28920	CONCRETE BARRIER	\$48,514.81
0220	500-2110	1175.000	LF	\$231.28000	CONCRETE PARAPET, SPCL DES	\$271,754.00
0221	500-3002	961.000	CY	\$675.00000	CL AA CONCRETE	\$648,675.00
0226	507-8900	3200.000	LF	\$100.00000	PSC BEAMS, AASHTO TP 1 MOD, BR NO - CSBRG-0007-00(050)	\$320,000.00
0231	507-9032	2675.000	LF	\$191.41127	PSC BEAMS, AASHTO, BULB TEE, 72"	\$512,025.15
0241	511-1000	192163.000	LB	\$0.71973	BAR REINF STEEL	\$138,305.48
0246	511-3000	401446.000	LS	\$0.73000	SUPERSTR REINF STEEL, BR NO - CSBRG-0007-00(050)	\$293,055.58
0251	520-2218	2450.000	LF	\$67.47872	PILING, PSC, 18 IN SQ	\$165,322.86
0261	520-2224	250.000	LF	\$67.33000	PILING, PSC, 24 IN SQ	\$16,832.50
0266	520-5000	300.000	LF	\$81.66272	PILOT HOLES CSBRG-0007-00(050)	\$24,498.82
0276	540-1101	1.000	LS	\$300,000.00000	REM OF EX BR, STA NO - CSBRG-0007-00(050)	\$300,000.00
0281	603-2024	2000.000	SY	\$48.06797	STN DUMPED RIP RAP, TP 1, 24"	\$96,135.94
0271	603-7000	2000.000	SY	\$2.99808	PLASTIC FILTER FABRIC CSBRG-0007-00(050)	\$5,996.16
SUBTOTAL FOR BRIDGE 2 - SR 26/COMMERCE ST:						\$4,177,077.72

0040 - BRIDGE LIGHTING

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0071	500-3101	4.000	CY	\$986.79616	CLASS A CONCRETE	\$3,947.18
0076	511-1000	74.000	LB	\$1.61571	BAR REINF STEEL	\$119.56
0081	681-4220	20.000	EA	\$2,745.39000	LT STD, 40' MH, POST TOP	\$54,907.80
0086	681-6466	20.000	EA	\$700.00000	LUMINAIRE, TP 4, 400W, HP SODIUM	\$14,000.00
0091	682-1404	4914.000	LF	\$0.94660	CABLE, TP XHHW, AWG NO 10	\$4,651.59
0096	682-1405	5754.000	LF	\$1.34673	CABLE, TP XHHW, AWG NO 8	\$7,749.06
0101	682-1406	4914.000	LF	\$1.31510	CABLE, TP XHHW, AWG NO 6	\$6,462.40
0106	682-6120	4494.000	LF	\$6.82208	CONDUIT, RIGID, 2 IN	\$30,658.43
0111	682-6222	200.000	LF	\$8.12928	CONDUIT, NONMETL, TP 2, 2 IN	\$1,625.86
0116	682-9000	1.000	LS	\$10,000.00000	MAIN SVC PICK UP POINT	\$10,000.00
0121	682-9021	8.000	EA	\$1,300.63664	ELEC JCT BX, CONC GRD MOUNTED	\$10,405.09
0126	682-9023	20.000	EA	\$262.83712	ELEC JCT BX, GALVANIZED, SIZE -	\$5,256.74
SUBTOTAL FOR BRIDGE LIGHTING:						\$149,783.73

0060 - EROSION CONTROL

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0311	163-0232	1.000	AC	\$680.15352	TEMPORARY GRASSING	\$680.15
0306	163-0240	8.000	TN	\$294.38010	MULCH	\$2,355.04
0316	163-0300	2.000	EA	\$1,406.49983	CONSTRUCTION EXIT	\$2,813.00
0331	165-0030	8391.000	LF	\$0.55337	MAINT OF TEMP SILT FENCE, TP C	\$4,643.33
0336	165-0101	2.000	EA	\$520.61587	MAINT OF CONST EXIT	\$1,041.23
0286	171-0030	16782.000	LF	\$2.92440	TEMPORARY SILT FENCE, TYPE C	\$49,077.28
0291	700-6910	2.000	AC	\$1,191.99124	PERMANENT GRASSING	\$2,383.98
0296	700-7000	6.000	TN	\$84.84085	AGRICULTURAL LIME	\$509.05
0301	700-8000	2.000	TN	\$616.83433	FERTILIZER MIXED GRADE	\$1,233.67
0321	700-8100	100.000	LB	\$3.26720	FERTILIZER NITROGEN CONTENT	\$326.72
0326	716-2000	1984.000	SY	\$1.39882	EROSION CONTROL MATS, SLOPES	\$2,775.26
SUBTOTAL FOR EROSION CONTROL:						\$67,838.71



DETAILED COST ESTIMATE

Job: 0007050 ALT 2

0070 - DRAINAGE

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0346	550-1180	50.000	LF	\$50.75306	STM DR PIPE 18",H 1-10	\$2,537.65
0356	668-1100	8.000	EA	\$2,228.57787	CATCH BASIN, GP 1	\$17,828.62
0351	668-2100	3.000	EA	\$1,671.52171	DROP INLET, GP 1	\$5,014.57
SUBTOTAL FOR DRAINAGE:						\$25,380.84

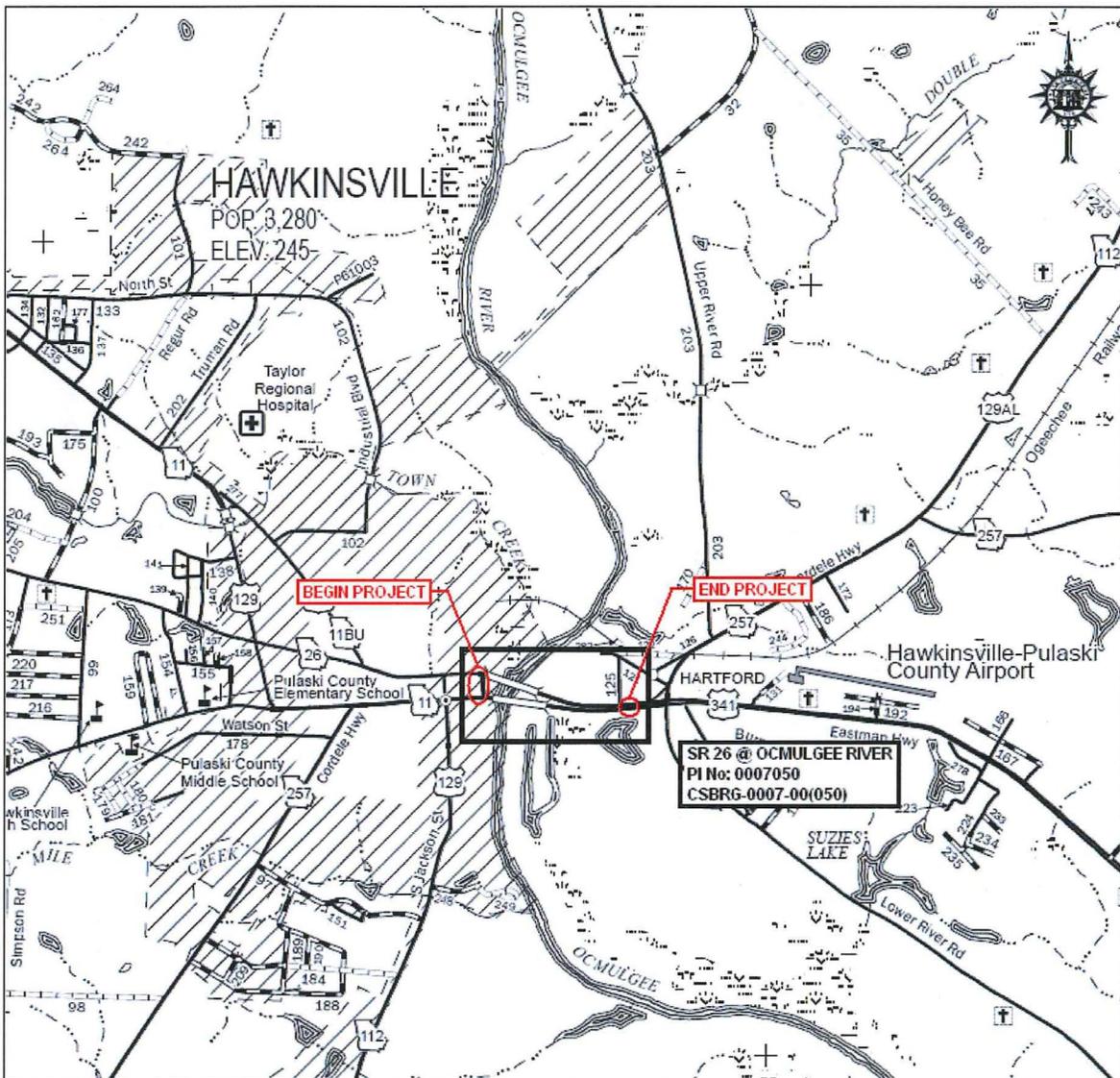
COST GROUP FOR JOB 0007050 ALT 2

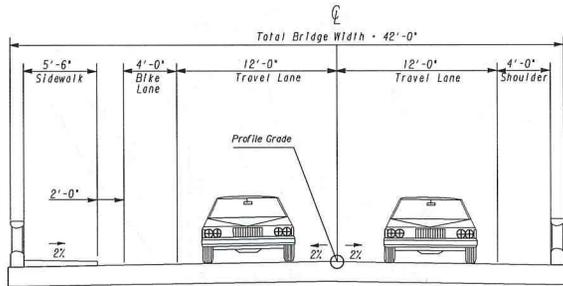
LINE NUMBER	UNIT	CALCULATION RULE	QUANTITY	PRICE	COST GROUP ID	DESCRIPTION	AMOUNT
00000007	LS	NORM	1.000	\$40,000.00	UDEF	SIGNING AND STRIPING (LUMP SUM)	\$40,000.00
SUBTOTAL:							\$40,000.00

TOTALS FOR JOB 0007050 ALT 2

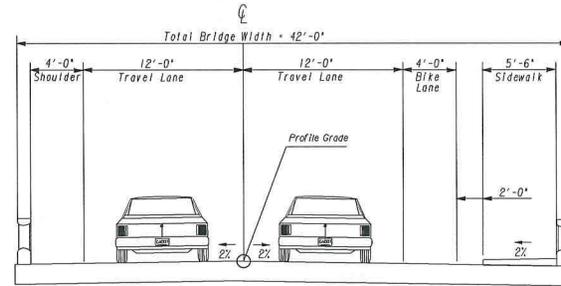
ITEMS COST:	\$10,159,093.45
COST GROUP COST:	\$40,000.00
ESTIMATED COST:	\$10,199,093.45
CONTINGENCY PERCENT:	0.05
ENGINEERING AND INSPECTION:	0.05
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$11,219,002.80

PROJECT LOCATION MAP SR 26 @ Ocmulgee River





TS-1
Bridge Typical Section
Alternate 2 (Westbound)



TS-2
Bridge Typical Section
Alternate 2 (Eastbound)

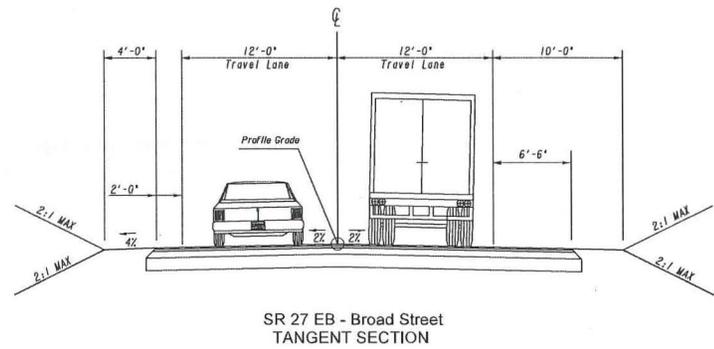
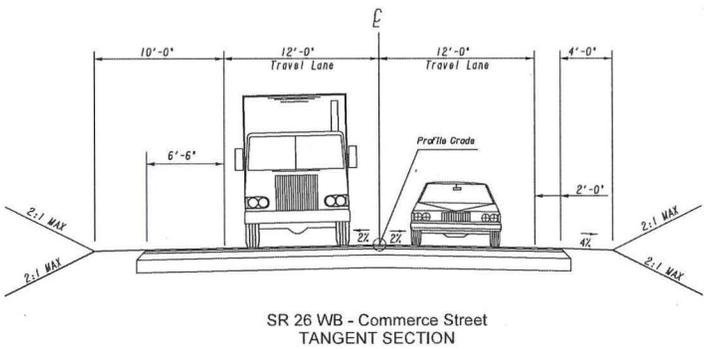
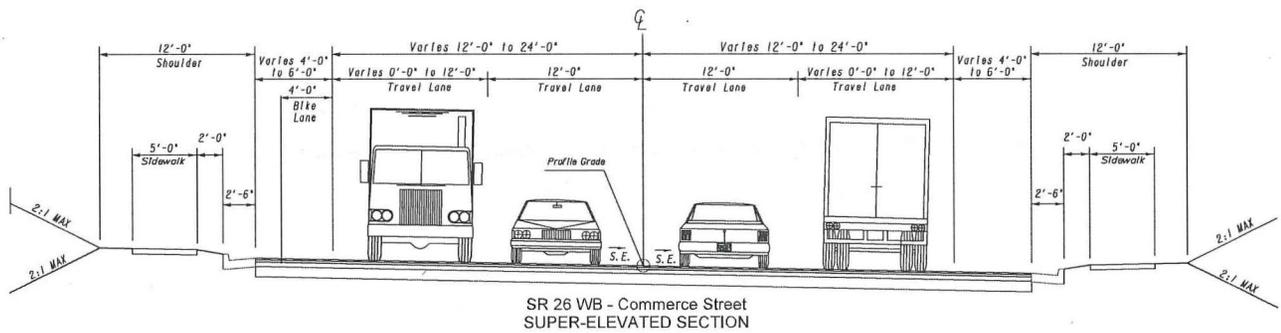
GEORGIA
DEPARTMENT
OF
TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN
TYPICAL SECTIONS

SR 26 @ OCMULGEE RIVER
CONCEPT TYPICAL SECTIONS

DRAWING NO.
5-01



GEORGIA
DEPARTMENT
OF
TRANSPORTATION

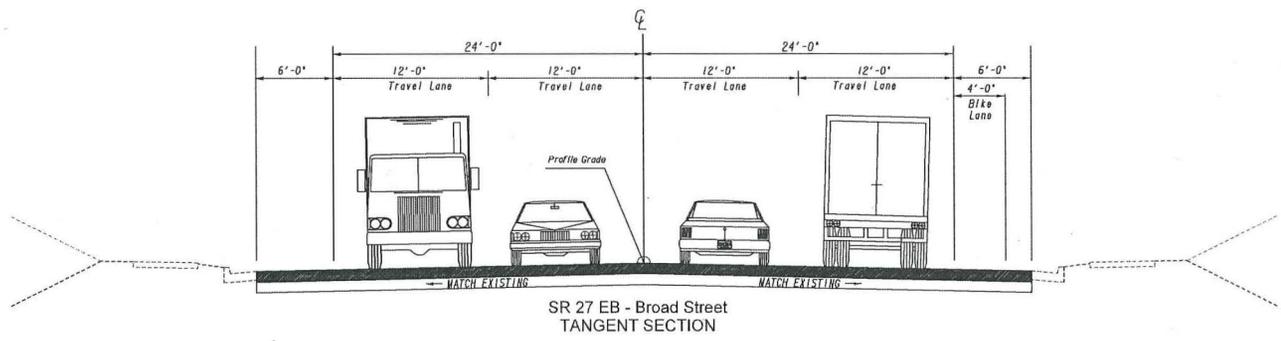
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REVISION DATES	

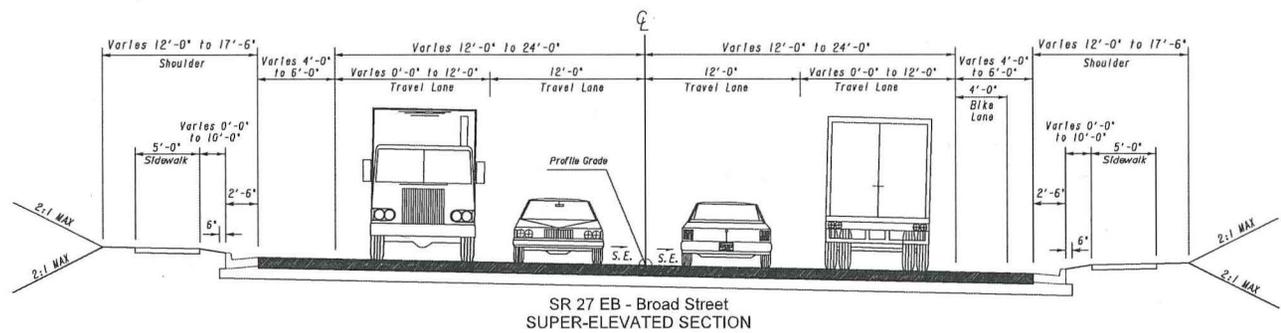
STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN
TYPICAL SECTIONS

SR 26 @ OCMULGEE RIVER

DRAWING No.
05-002



SR 27 EB - Broad Street
TANGENT SECTION



SR 27 EB - Broad Street
SUPER-ELEVATED SECTION

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

NOT TO SCALE

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN
TYPICAL SECTIONS
SR 26 @ OCMULGEE RIVER
DRAWING NO. 05-001