

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0008750
CSBRG-0008-00(750)
GDOT District 7 - Metro Atlanta
Fulton County
CS 72/Bell Road Bridge Replacement
@ Cauley Creek

OFFICE Design Policy & Support

DATE March 5, 2012

FROM *for Brent Story*
for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED CONCEPT REPORT

Attached is the approved Concept Report for the above subject project.

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Administrator
Bobby Hilliard, State Program Delivery Engineer
Cindy VanDyke, State Transportation Planning Administrator
Angela Robinson, Financial Management Administrator
Glenn Bowman, State Environmental Administrator
Ben Rabun, State Bridge Engineer
Kathy Zahul, State Traffic Engineer
Georgene Geary, State Materials & Research Engineer
Lisa Myers, Acting State Project Review Engineer
Jeff Baker, State Utilities Engineer
Ken Thompson, Statewide Location Bureau Chief
Bryant Poole, District Engineer
Scott Lee, District Preconstruction Engineer
Jonathan Walker, District Utilities Engineer
Albert Shelby, Project Manager
BOARD MEMBER - 6th Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Office of Program Delivery

PROJECT CONCEPT REPORT

Bell Road over Cauley Creek
Project Number: CSBRG-0008-00(750)
County: Fulton
P. I. Number: 0008750
State Route Number: N/A
County Route Number: N/A

Project PI #0008750 will replace and raise the bridge on Bell Road over Cauley Creek. The proposed bridge will be 44 ft by 80 ft consisting of two 12-ft travel lanes, 2-ft gutters, an 8-ft multi-use trail, and a 5½-ft sidewalk.

Submitted for approval:

DATE 11-15-11

Mac Crawford
Design Phase Office Head

DATE 12/2/2011

Bobby Helms
Office Head

DATE 12-1-11

Albert Shelby
Project Manager/ Program Delivery

Recommendation for approval:

DATE _____

Program Control Administrator

DATE 2/9/2012

GLENN BOWMAN*/EKP
State Environmental Administrator

DATE _____

State Traffic Engineer

DATE 2/1/2012

LISA MYERS*/EKP
Project Review Engineer

DATE 2/1/2012

SAL PRZED*/EKP FOR THE
State Utilities Engineer

DATE 2/9/2012

JONATHAN WALKER*/EKP
District Engineer UTILITIES ENGINEER

DATE 2/13/2012

BEN ROBUN*/EKP
State Bridge Design Engineer

DATE _____

State Transportation Financial Management Administrator

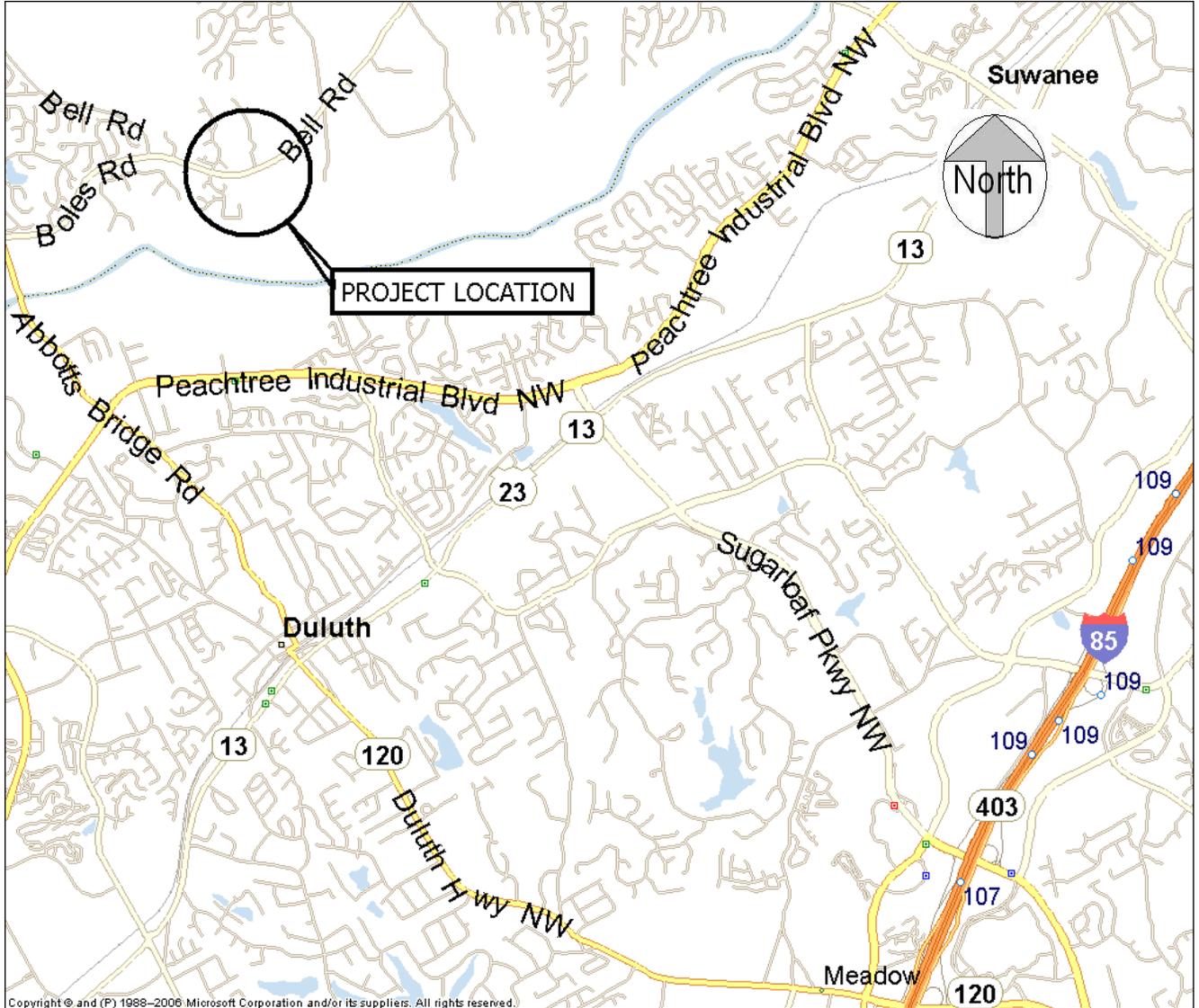
The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

DATE 2/2/2012

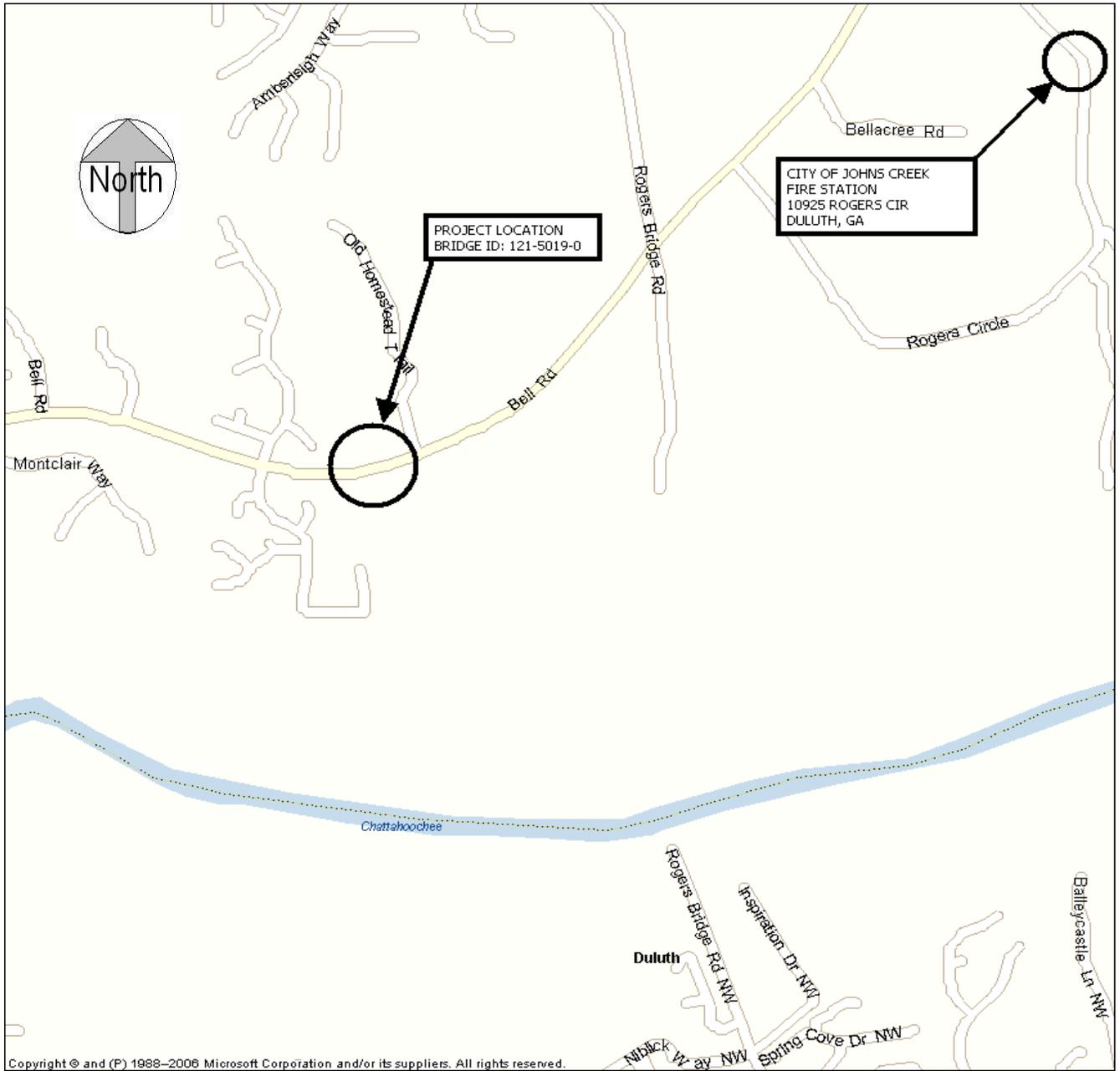
CINDY VANDUYKE*/EKP
State Transportation Planning Administrator

* - RECOMMENDATION ON FILE

VICINITY MAP



PROJECT LOCATION



Need and Purpose

City Street 72/Bell Road is a two-lane, undivided urban collector street with intermittent sidewalks located between SR 120/Abbots Bridge Road and McGinnis Ferry in the City of Johns Creek, Fulton County, Georgia. The posted speed limit is 45 mph. This location is on a school bus route, according to the Department's Bridge Inventory.

Development in this area is mostly single family residential. According to the Future Development Map in the Comprehensive Plan¹, the City aims to maintain residential uses while preserving the rural character and historic structures. The Comprehensive Plan¹ also aims to preserve this corridor as a two-lane roadway and improve access for pedestrians and bicycles.

This Bridge (Structure ID 121-5019-0) was built in 1960 with 2 – 30'-0" waffle panel spans on concrete caps with metal shell piles. The substructure was replaced in 1989 by Fulton County. The bridge is currently posted from 10 to 18 tons and has a Sufficiency Rating of 26.84. The waffle panels have minor spalls in the deck with exposed rebar. The waffle panels have shifted slightly and do not perform as a single unit. Replacement of this structurally deficient bridge is recommended by the DOT Bridge Office.

The Comprehensive Plan¹ recommends a future sidewalk and/or multiuse path to accommodate pedestrians and bicycles at this location. The Cauley Creek bridge currently has no bicycle or pedestrian facilities. An existing multi-use path runs along Bell Road to the northeast of the project area.

The current (2010) AADT on Bell Road is 8,525 vehicles per day; this roadway is currently operating at level-of-service "C". By the design year (2036) AADT is projected to increase to 12,800 vehicles per day and LOS is projected to decline to "D". The current and future projected levels-of-service represent acceptable conditions for traffic in the Atlanta region.

The proposed project length is approximately 1200 feet (0.23 miles), beginning at M.P. 1.35 and extending to M.P. 1.58.

Description of the proposed project

The proposed bridge will provide two 11-foot travel lanes, 1½-foot curb and gutters, one 5½-foot sidewalk, and one 8-foot multi-use trail to connect to the City of Johns Creek proposed multi-use trail in the corridor. The proposed bridge will be 3-ft higher than the existing bridge per the hydraulic study. To maintain traffic thru the area and continue to provide access for emergency vehicles, stage construction with a 10 mph lower construction zone speed limit of 35 mph will be used to construct the new bridge. During the First stage of construction, a 11-foot lane, with 2-foot offset to parapet and temporary barrier, bridge structure will be constructed south of the existing bridge. For the Second stage of construction, traffic will be shifted to the newly constructed one lane structure and will be controlled using a temporary signal until the entire bridge can be constructed.

¹ Johns Creek Comprehensive Plan 2030 was adopted by the City of Johns Creek on November 10, 2008 (as required by the Georgia Planning Act of 1989); full document located here:
<http://www.johnscreekgov.com/planning/index.asp>

Is the project located in PM 2.5 Non-attainment area? **Yes** **No.**
The referenced project is contained within the RTP/TIP/STIP as PI# 0008750 and TIP# Q4-2010-092. The proposed project is a bridge replacement project and does not add capacity.

Is the project located in an Ozone Non-attainment area? **Yes** **No.**

PDP Classification: Major Minor

Federal Oversight: Full Oversight (), Exempt(X), State Funded (), or Other ()

Functional Classification: Urban Collector Street

U. S. Route Number(s): N/A **State Route Number(s):** N/A
County Route Number(s): N/A

Traffic (AADT):

Base Year: (2016) 9500 Design Year: (2036): 12,800

Existing design features:

- Bridge typical Section: two 11-foot travel lanes and 2-foot shoulder area on each side.
- Roadway typical Section: two 11-foot travel lanes with 2-foot curb and gutter on the north side and rural shoulder area on the south side.
- Posted speed: 45 mph Minimum radius for curve: 1256-foot
- Maximum super-elevation rate for curve: 3%
- Maximum grade: 4.15%
- Width of right-of-way: 60-foot
- Major structures: Reinforced Concrete Bridge (MP: 1.44, Bridge ID: 121-5019-0) with a width of 24 feet and a length of 60 feet and a sufficiency rating of 26.84
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment.
 - Length – 0.23 miles
 - Beginning mile point – 1.35
 - Ending mile point – 1.58

Proposed Design Features:

- Proposed bridge typical section: Two 11-foot travel lanes, 1½-foot curb and gutters, one 8-foot multi-use trail on the south side, and one 5½-foot sidewalk on the north side.
- Roadway typical Section: two 11-ft travel lanes with a 13-ft right shoulder containing a 2-ft curb & gutter, 2-ft grass strip, and an 8-ft multi-use trail, and a 10-ft left shoulder containing a 2-ft curb & gutter, 2-ft grass strip, and a 5-ft sidewalk.
- Proposed design speed mainline: 45 mph

- Proposed maximum grade mainline: 4.2%
- Maximum grade allowable: 9%
- Proposed maximum grade side street: N/A
- Maximum grade allowable: N/A
- Proposed maximum grade driveway:
 - Commercial – N/A
 - Residential – 15%
- Proposed minimum radius of curve: 1256 foot
- Minimum radius allowable: 711 foot
- Maximum allowable superelevation rate: 4%
- Proposed maximum superelevation rate: 3%
- Right-of-Way
 - Width: 60-80 foot
 - Easements: Temporary (), Permanent (X), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: 11 Number of displacements:
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0
- Structures: One Span Reinforced Concrete Bridge, 41'-9" wide and 80 feet long
- Major intersections and interchanges: None
- Transportation Management Plan Anticipated: Yes (), No (X)

Traffic control during construction: Temporary Traffic Signal at the bridge and stage construction.

- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
1. DESIGN SPEED:	()	()	(X)
2. LANE WIDTH:	()	()	(X)
3. SHOULDER WIDTH:	()	()	(X)
4. BRIDGE WIDTH:	()	()	(X)
5. HORIZONTAL ALIGNMENT:	()	()	(X)
6. SUPERELEVATION:	()	()	(X)
7. VERTICAL ALIGNMENT:	()	()	(X)
8. GRADE:	()	()	(X)
9. STOPPING SIGHT DISTANCE:	()	()	(X)
10. CROSS SLOPE:	()	()	(X)
11. VERTICAL CLEARANCE:	()	()	(X)
12. LATERAL OFFSET TO OBSTRUCTION:	()	()	(X)
13. BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

- Design Variances: None
- Environmental concerns: Cauley Creek
- Anticipated level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) ().
- Utility involvements:
 - Atlanta Gas Light Company
 - Charter Communications
 - Comcast
 - AT&T (formerly BellSouth)
 - City of Johns Creek
 - Georgia Power Transmission
 - Georgia Transmission Corporation
 - Verizon Business
 - Sawnee EMC
 - Fulton County Water & Sewer
 - Fulton County, Reuse line
- Public Interest Determination Policy and Procedure Required: Yes (), No (X),
- VE Study Anticipated () Yes (X) No
- Benefit/ Cost Ratio N/A

Project Cost Estimate and Funding Responsibilities:

	PE	ROW	UTILITY	CST*	MITIGATION
By Whom	GDOT	Johns Creek	Johns Creek	GDOT	GDOT
\$ Amount	\$114,660	\$708,000	\$26,000	\$1,094,756.11	TBD

*CST Cost includes: Construction, Engineering and Inspection, Fuel Cost Adjustment, and Asphalt Cement Cost Adjustment:

Project responsibilities:

- Design: GDOT
- Right of Way Acquisition: City of Johns Creek
- Right-of-Way funding (real property): GDOT/ City of Johns Creek
- Relocation of Utilities: City of Johns Creek
- Letting to contract: GDOT
- Supervision of construction: GDOT
- Providing material pits: Contractor
- Providing detours: Contractor
- Environmental Studies/Documents/Permits: GDOT
- Environmental Mitigation: GDOT (if required)

Coordination

- Concept meeting date: April 28, 2011(minutes attached)
- P. A. R. meetings, dates and results: None required.
- FEMA, USCG, and/or TVA: N/A
- Public involvement: PIOH should not be held for this project.
- Local government comments: Local Government does not want to use a detour and would like to include an 8-foot trail. The Local Fire Department does not want to use a detour either.
- Other projects in the area:
 - PI 0004429: Widening, McGinnis Ferry Rd Fm Sargent Rd to Chattahoochee River-GRTA
 - PI M003558: Resurface & Maintenance, SR 141 Fm Gwinnett County Line to CR 1319/McGinnis Ferry Rd
 - PI 0007311: Intersection Improvement, CR 3266/Bell Road @ Boles Road
 - PI 0007061 Intersection Improvement at SR 120 and SR 141
 - PI 0007310 Abbotts Bridge Rd. Pedestrian Connectivity Trail & Sidewalk Improvements
- Railroads: None
- Other coordination to date: None

Other alternates considered:

- Alternate 1 - No Build. This alternative was dismissed due to the low sufficiency rating of 26.84, minor spalls in the waffle panels and the exposed rebar in the deck. The waffle panels have shifted slightly and do not perform as a single unit. Replacement of this structurally deficient bridge is recommended by the DOT Bridge Office.
- Alternate 2 – Replace the bridge using an offsite detour and tie into the existing roadway without any additional roadway work. This alternative includes two 11 foot travel lanes with rural shoulders. The alternative was dismissed due to the urban aspects of Bell Road at Cauley Creek, the request of the City not to use a detour, and the use of the bridge by emergency vehicles renders this option unacceptable.
- Alternate 3 – Replace the bridge using stage construction without using a temporary signal. The alternative was dismissed due to the heavy traffic and the Fire Station on the Eastern side of the bridge. The Fire Station services both sides of the bridge, stop and go traffic during construction could severely delay response times.

Comments: None

Attachments:

1. Cost Estimates:
 - a. Construction,
 - b. Right of Way,
 - c. Utilities, and
 - d. Fuel Index Adjustments
2. Typical sections,
3. Accident Summary
4. Bridge inventory
5. Minutes of Concept meetings.
6. Bridge Meeting minutes
7. Project Framework Agreement
8. Design Traffic
9. Preliminary Plan Sheet & Profile

Exempt projects

Concur: 
Director of Engineering

Approve:  Date: 3-1-12
Chief Engineer

STATE HIGHWAY AGENCY

DATE : 11/03/2011

PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 0008750_AJ SPEC YEAR: 01

DESCRIPTION: BELL ROAD @ CAULEY CREEK

0008750

ITEMS FOR JOB 0008750_AJ

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0004	210-0100		LS	GRADING COMPLETE - CSRRG-0008-00(750)	1.000	100000.00	100000.00
0015	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	331.000	96.02	31784.65
0020	413-1000		GL	BITUM TACK COAT	53.000	3.24	172.13
0025	432-5010		SY	MILL ASPH CONC PVMT,VARB DEPTH	267.000	14.49	3869.00
0030	433-1100		SY	REF CONC APPR SL/INCL CURB	100.000	158.48	15848.72
0034	441-0104		SY	CONC SIDEWALK, 4 IN	695.000	56.36	39170.96
0035	441-0106		SY	CONC SIDEWALK, 6 IN	1111.000	56.13	62365.19
0040	441-6012		LF	CONC CURB & GUTTER/ 6"X24"TP2	2240.000	23.66	53006.98
0044	540-0000		\$	SEC 540 REM EXISTING BRIDGE	1.000	35200.00	35200.00
0050	543-9000		LS	CONSTR OF BRIDGE COMPLETE - CSBRG-0008-00(750)	1.000	352000.00	352000.00
0060	641-1200		LF	GUARDRAIL, TP W	200.000	16.37	3275.64
0065	641-5002		EA	GURADRAIL ANCHORAGE, TP 2	2.000	1789.57	3579.14
0070	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	2.000	1862.09	3724.19
0075	636-1020		SF	HWY SGN,TP1MAT,REFL SH TP3	24.000	19.68	472.45
0080	636-2070		LF	GALV STEEL POSTS, TP 7	120.000	9.62	1155.28
0085	653-1501		LF	THERMO SOLID TRAF ST 5 IN, WHI	2240.000	0.54	1215.49
0088	657-1054		LF	PRF PL SD PVMT MKG,5",WH,TP PB	160.000	4.51	722.21
0089	657-6054		LF	PRF PL SD PVMT MKG,5",YW,TP PB	160.000	4.28	685.54
0090	653-1502		LF	THERMO SOLID TRAF ST, 5 IN YEL	2240.000	0.53	1203.19
0095	654-1001		EA	RAISED PVMT MARKERS TP 1	60.000	5.02	301.37
0100	163-0232		AC	TEMPORARY GRASSING	1.000	711.37	711.38
0105	165-0030		LF	MAINT OF TEMP SILT FENCE, TP C	1000.000	1.60	1606.44
0110	171-0030		LF	TEMPORARY SILT FENCE, TYPE C	2000.000	3.14	6283.24
0120	700-8000		TN	FERTILIZER MIXED GRADE	1.000	396.09	396.10
0125	700-8100		LB	FERTILIZER NITROGEN CONTENT	100.000	3.04	304.29
0128	163-0550		EA	CONS & REM INLET SEDIMENT TRAP	6.000	249.74	1498.49
0129	165-0105		EA	MAINT OF INLET SEDIMENT TRAP	6.000	111.96	671.78
0130	163-0300		EA	CONSTRUCTION EXIT	2.000	1618.78	3237.56
0135	165-0101		EA	MAINT OF CONST EXIT	2.000	608.13	1216.27
0150	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	118.000	88.54	10447.97
0155	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	469.000	78.61	36870.76
0160	310-1101		TN	GR AGGR BASE CRS, INCL MATL	768.000	25.49	19577.10
0175	150-1000		LS	TRAFFIC CONTROL - TEMPORARY SIGNAL CSBRG-0008-00(750)	1.000	90000.00	90000.00
0178	167-1500		MO	WATER QUALITY INSPECTIONS	18.000	1151.74	20731.44
0179	167-1000		EA	WATER QUALITY MONITORING AND SAMPLING	2.000	1378.47	2756.94
0180	402-1812		TN	RECYL AC LEVELING,INC BM&HL	75.000	97.45	7309.22
0195	634-1200		EA	RIGHT OF WAY MARKERS	8.000	108.88	871.05
0200	643-8200		LF	BARRIER FENCE (ORANGE), 4 FT	200.000	4.19	838.31
0205	162-1300		EA	EROSION CONTROL CHECK DAM, TP - CSBRG-0008-00(750)	4.000	906.24	3624.96
0210	163-0240		TN	MULCH	100.000	273.88	27388.62
0215	716-2000		SY	EROSION CONTROL MATS, SLOPES	400.000	1.49	599.76

STATE HIGHWAY AGENCY

DATE : 11/03/2011

PAGE : 2

JOB ESTIMATE REPORT

0223	603-7000	SY	PLASTIC FILTER FABRIC	44.000	6.85	301.71
0224	620-0100	LF	TEMP BARRIER, METHOD NO. 1	200.000	45.55	9110.93
0225	620-0200	LF	TEMP BARRIER, METHOD NO. 2	80.000	82.29	6583.22
0230	641-1100	LF	GUARDRAIL, TP T	240.000	54.01	12964.55
0235	165-0040	EA	MAINT OF EROSION CTRL CHKDAMS/DITCH CHKS	2.000	123.15	246.30
0240	550-1180	LF	STM DR PIPE 18",H 1-10	800.000	41.81	33451.36
0249	654-1003	EA	RAISED PVMT MARKERS TP 3	10.000	6.42	64.29
0250	668-1100	EA	CATCH BASIN, GP 1	6.000	2336.81	14020.90
0255	603-2180	SY	STN DUMPED RIP RAP, TP 3, 12"	44.000	51.03	2245.50
0260	700-6910	AC	PERMANENT GRASSING	1.000	1038.99	1039.00
ITEM TOTAL						1026721.55
INFLATED ITEM TOTAL						1026721.55

TOTALS FOR JOB 0008750_AJ

ESTIMATED COST:	1026721.55
CONTINGENCY PERCENT (0.0):	0.00
E&I PERCENT (5.00):	51336.08
ASPHALT ADJUSTMENT	16699.03
ESTIMATED TOTAL:	1094756.11

**GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY**

Date: 11/14/2011
Revised:

Project: CSBRG-0008-00(750)
County: Fulton County
PI: 0008750

Description: Bell Road Over Cauley Creek
Project Termini: Bell Road Over Cauley Creek

Parcels: 11 Existing ROW: Varies
Required ROW: Varies

Land and Improvements _____ \$492,281.25

Proximity Damage	\$0.00
Consequential Damage	\$0.00
Cost to Cures	\$0.00
Trade Fixtures	\$0.00
Improvements	\$175,000.00

Valuation Services _____ \$16,250.00

Legal Services _____ \$82,425.00

Relocation _____ \$22,000.00

Demolition _____ \$0.00

Administrative _____ \$94,500.00

TOTAL ESTIMATED COSTS _____ \$707,456.25

TOTAL ESTIMATED COSTS (ROUNDED) _____ \$708,000.00

Preparation Credits	Hours	Signature

Prepared By: Lashore Alexander CG#: 286999 (DATE) 11/14/11
 Approved By: Lashore Alexander CG#: 286999 (DATE) 11/14/11

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

Georgia Department of Transportation
Preliminary ROW Cost Estimate Worksheet

Project/County/PI CSBRG-0008-00(750) Fulton County 0008750

	A	B	C	D
Land and Improvements	Agriculture	Residential	Commercial	Industrial
1 Estimate Low (ac)	\$0.00	\$85,000.00	\$0.00	\$0.00
2 Estimate High (ac)	\$0.00	\$130,000.00	\$0.00	\$0.00
3 Estimate Used (ac)	\$0.00	\$125,000.00	\$0.00	\$0.00
4 Fee Simple Area (ac)	0.00	1.06	0.00	0.00
5 Fee Simple Estimate	\$0.00	\$132,500.00	\$0.00	\$0.00
6 Perm Esmt Area (ac)	0.00	0.33	0.00	0.00
7 Perm Esmt Factor	0%	50%	0%	0%
8 Perm Esmt Estimate	\$0.00	\$20,687.50	\$0.00	\$0.00
9 Temp Esmt Area (ac)	0.00	0.00	0.00	0.00
10 Temp Esmt Factor	0%	0%	0%	0%
11 Temp Esmt Estimate	\$0.00	\$0.00	\$0.00	\$0.00
12 Proximity Damages	\$0.00	\$0.00	\$0.00	\$0.00
13 Consequential Damages	\$0.00	\$0.00	\$0.00	\$0.00
14 Cost to Cures	\$0.00	\$0.00	\$0.00	\$0.00
15 Improvements	\$0.00	\$175,000.00	\$0.00	\$0.00
16 Trade Fixtures	\$0.00	\$0.00	\$0.00	\$0.00
17				
18 PROPERTY TYPE TOTALS	\$0.00	\$328,187.50	\$0.00	\$0.00
19	SUB TOTAL PROPERTY TYPES			\$328,187.50
20	Counter Offers and Condemnation Increases			\$164,093.75
21				
22	GRAND TOTAL LANDS AND IMPROVEMENTS			\$492,281.25

Georgia Department of Transportation
Preliminary ROW Cost Estimate Worksheet

Project/County/PI CSBRG-0008-00(750) Fulton County 0008750

	A	B	C	D
Valuation Services	Agriculture	Residential	Commercial	Industrial
1 Appraisals (# of Parcels)	0	11	0	0
2 Estimated Fees (per Parcel)	\$0.00	\$1,000.00	\$0.00	\$0.00
3 TOTAL APPRAISALS	\$0.00	\$11,000.00	\$0.00	\$0.00
4 Sign Estimates	0	2	0	0
5 Estimated Fees	\$0.00	\$1,000.00	\$0.00	\$0.00
6 TOTAL SIGN ESTIMATES	\$0.00	\$2,000.00	\$0.00	\$0.00
7 Specialty Reports	0	0	0	0
8 Estimated Fees	\$0.00	\$0.00	\$0.00	\$0.00
9 TOTAL SPECIALTY REPORTS	\$0.00	\$0.00	\$0.00	\$0.00
10 Septic/Well Reports	0	0	0	0
11 Estimated Fees	\$0.00	\$0.00	\$0.00	\$0.00
12 TOTAL SEPTIC/WELL REPORTS	\$0.00	\$0.00	\$0.00	\$0.00
13				
14				
15				
16 TOTAL VALUATION FEES	\$0.00	\$13,000.00	\$0.00	\$0.00
17	SUB TOTAL VALUATION SERVICES			\$13,000.00
18	Updates and Incidentals (Min \$2,500 or 25%)			\$3,250.00
19	GRAND TOTAL VALUATION SERVICES			\$16,250.00

Georgia Department of Transportation
Preliminary ROW Cost Estimate Worksheet

Project/County/PI CSBRG-0008-00(750) Fulton County 0008750

	A	B	C	D
	Parcels	Estimated Fees		TOTALS
1	Meeting with Attorney	11	\$125.00	\$1,375.00
2	Preliminary Titles	11	\$200.00	\$2,200.00
3	Closing and Final Title	11	\$300.00	\$3,300.00
4	Recording Fees	11	\$50.00	\$550.00
5	Condemnation Filing	2	\$5,000.00	\$10,000.00
6	Litigation Costs	2	\$25,000.00	\$50,000.00
7	Updates and Incidentals	2	\$7,500.00	\$15,000.00
8				
9				
10				
11				
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14				
15				
16				
17	GRAND TOTAL LEGAL SERVICES			\$82,425.00

Georgia Department of Transportation
Preliminary ROW Cost Estimate Worksheet

Project/County/PI CSBRG-0008-00(750) Fulton County 0008750

	A	B	C	D
	Relocation	Displacements	Estimated Costs	TOTALS
1	Business Displacement	0	\$15,000.00	\$0.00
2	Residential Tenant	0	\$20,000.00	\$0.00
3	Residential Owner	0	\$40,000.00	\$0.00
4	Pro-Rata Taxes	11	\$1,000.00	\$11,000.00
5	Property Pin Replacement	11	\$1,000.00	\$11,000.00
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17	GRAND TOTAL RELOCATION			\$22,000.00

Georgia Department of Transportation
Preliminary ROW Cost Estimate Worksheet

Project/County/PI CSBRG-0008-00(750) Fulton County 0008750

	A	B	C	D
	Demolition	Items/Improvements	Estimated Costs	TOTALS
1	Residential Structures	0	\$15,000.00	\$0.00
2	Commercial Structures	0	\$25,000.00	\$0.00
3	Hotels/Apartments		\$60,000.00	\$0.00
4	UST's - Dispensers		\$50,000.00	\$0.00
5	Billboards		\$8,000.00	\$0.00
6	Signs - Light Standards		\$1,500.00	\$0.00
7	Water Vaults		\$15,000.00	\$0.00
8	Gas/Water Service Separation		\$2,500.00	\$0.00
9				
10				
11				
12				
13				
14				
15				
16				
17	GRAND TOTAL DEMOLITION			\$0.00

Georgia Department of Transportation
Preliminary ROW Cost Estimate Worksheet

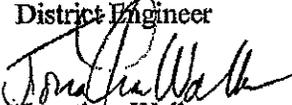
Project/County/PI CSBRG-0008-00(750) Fulton County 0008750

	A	B	C	D
	Parcels	Man hours per Parcel		TOTALS
1	11	40		\$22,000.00
2	11	100		\$55,000.00
3	0	50		\$0.00
4	3	50		\$7,500.00
5	2	100		\$10,000.00
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17	GRAND TOTAL INHOUSE			\$94,500.00

If you have any questions, please contact Mr. Clyde Cunningham at (770) 986-1117.

Sincerely,

Bryant R. Poole
District Engineer


For: Jonathan Walker
District Utilities Engineer

BRP:JW:CAC

c: Jeff Baker, P.E.
File

PROJ. NO.

CSBRG-0008-00(750)

CALL NO.

P.I. NO.

0008750

DATE

11/3/2011

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Nov-11	\$ 3.353
DIESEL		\$ 3.847
LIQUID AC		\$ 558.00

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)					16622.82		\$ 16,622.82
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	892.80			
Monthly Asphalt Cement Price month project let (APL)			\$	558.00			
Total Monthly Tonnage of asphalt cement (TMT)				49.65			

ASPHALT	Tons	%AC	AC ton
Leveling	75	5.0%	3.75
12.5 OGFC		5.0%	0
12.5 mm	331	5.0%	16.55
9.5 mm SP		5.0%	0
25 mm SP	469	5.0%	23.45
19 mm SP	118	5.0%	5.9
	993		49.65

BITUMINOUS TACK COAT

Price Adjustment (PA)					\$ 76.21		\$ 76.21
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	892.80			
Monthly Asphalt Cement Price month project let (APL)			\$	558.00			
Total Monthly Tonnage of asphalt cement (TMT)				0.227640349			

Bitum Tack

Gals	gals/ton	tons
53	232.8234	0.22764035

PROJ. NO.

CSBRG-0008-00(750)

CALL NO.

P.I. NO.

0008750

DATE

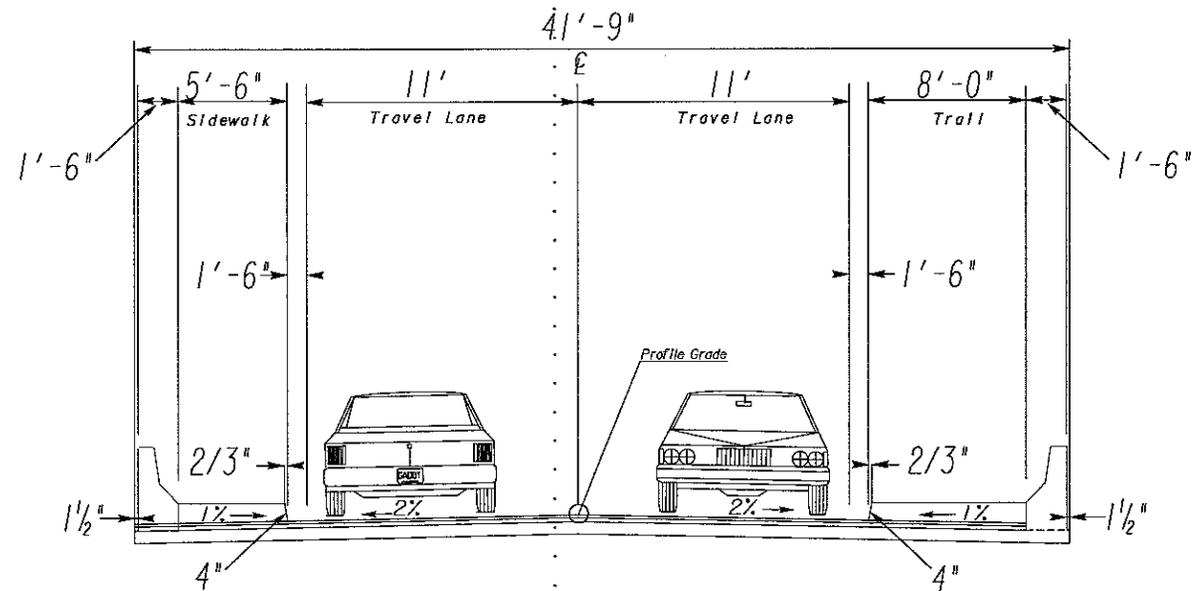
11/3/2011

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)					0	\$	-
Monthly Asphalt Cement Price month placed (APM)		Max. Cap	60%	\$	892.80		
Monthly Asphalt Cement Price month project let (APL)				\$	558.00		
Total Monthly Tonnage of asphalt cement (TMT)					0		

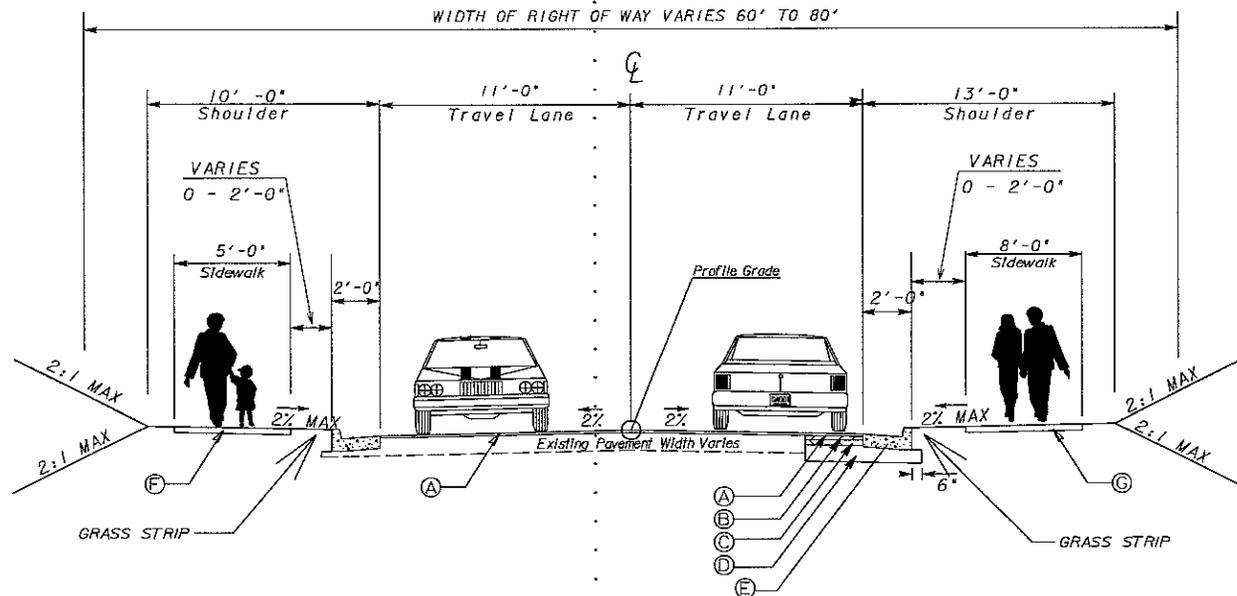
Bitum Tack	SY	Gals/SY	Gals	gals/ton	tons
Single Surf. Trmt.		0.20	0	232.8234	0
Double Surf.Trmt.		0.44	0	232.8234	0
Triple Surf. Trmt		0.71	0	232.8234	0
					0

TOTAL LIQUID AC ADJUSTMENT						\$	16,699.03
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PROPOSED BRIDGE SECTION

REVISION DATES			STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
			OFFICE: DISTRICT 7 PRECONSTRUCTION	
			TYPICAL SECTIONS	
			Bell Rd over Cauley Creek	
			DRAWING No.	5-01



ROADWAY TYPICAL SECTION

REQUIRED PAVEMENT

- Ⓐ RECYCLED ASPHALT CONCRETE, 12.5mm, 165 lb/sy
- Ⓑ RECYCLED ASPHALT CONCRETE, 19 mm, 220 lb/sy
- Ⓒ RECYCLED ASPHALT CONCRETE, 25 mm, 770 lb/sy
- Ⓓ GRADED AGGREGATE BASE, 12"
- Ⓔ 6" X 24" CONC. CURB & GUTTER, GA. STD. 9032 B, TYPE 2
- Ⓕ CONCRETE SIDEWALK, 4" THICK
- Ⓖ CONCRETE SIDEWALK, 6" THICK

REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
		OFFICE: TYPICAL SECTIONS	
		Bell Rd over Cauley Creek	
		DRAWING NO. 5-02	

Bell Road over Cauley Creek PI 0008750
Accident Summary

Detailed crash data for Bell Road at Cauley Creek for the past three years is shown in Table 1 below. The project area has significantly lower crash rates compared to statewide averages for urban collector streets. Only three crashes were reported during years 2006 through 2008; one resulted in an injury and none were fatal. Each of these three crashes involved only one vehicle.

TABLE 1. CRASH HISTORY BELL ROAD FROM MP 1.35 TO MP 1.52			
	2006	2007	2008
Total Crashes	1	1	1
Total Crash Rate (per 100 MVMT)	90	90	90
Statewide Avg. Crash Rate (on Urban Collectors)	510	475	443
Injury Crashes	0	0	1
Injury Rate (per 100 MVMT)	0	0	90
Statewide Avg. Injury Crash Rate (on Urban Collectors)	123	114	105
Fatality Crashes	0	0	0
Fatality Crash Rate (per 100 MVMT)	0	0	0
Statewide Avg. Fatality Crash Rate (on Urban Collectors)	1.60	1.25	1.08

Bridge Inventory Data Listing



Parameters: Bridge Serial Num

Structure ID:121-5019-0

Fulton

SUFF. RATING: 26.84

Location & Geography

Structure ID: 121-5019-0
 200 Bridge Information: 06
 *6A Feature Int: CAULEY CREEK
 *6B Critical Bridge: 0
 *7A Route No Carried: CR00072
 *7B Facility Carried: BELL ROAD
 9 Location: 9 MI E OF ALPHARETTA
 2 Dot District: 7
 207 Year Photo: 2011
 *91 Inspection Frequency: 24 Date: 02/08/2011
 92A Fract Crit Insp Freq: 0 Date: 02/01/1901
 92B Underwater Insp Freq: 0 Date: 02/01/1901
 92C Other Spc. Insp Freq: 0 Date: 02/01/1901
 * 4 Place Code: 42425
 *5 Inventory Route(O/U): 1
 Type: 4
 Designation: 1
 Number: 00072
 Direction: 0
 *16 Latitude: 34 -02.2800 HMMS Prefix:0
 *17 Longitude: 84 -08.9090 HMMS Suffix:0 MP:0.00
 98 Border Bridge: 000%Shared:00
 99 ID Number: 0000000000000000
 *100 STRAHNET: 0
 12 Base Highway Network: 1
 13A LRS Inventory Route: 1212007200
 13B Sub Inventory Route: 0
 101 parallel Structure: N
 *102 Direction of Traffic: 2
 *264 Road Inventory Mile Post: 001.44
 *208 Inspection Area: 7 Initials: EFP
 Engineer's Initials: kww
 * Location ID No: 121-00072X-001.44E

*104 Highway System: 0
 *26 Functional Classification: 17
 *204 Federal Route Type: 0 No: 00000
 105 Federal Lands Highway: 0
 *110 Truck Route: 0
 2006 School Bus Route: 1
 217 Benchmark Elevation: 0000.00
 218 Datum: 0
 *19 Bypass Length: 04
 *20 Toll: 3
 *21 Maintanance: 04
 *22 Owner: 04
 *31 Design Load: 2
 37 Historical Significance: 5
 205 Congressional District: 06
 27 Year Constructed: 1960
 106 Year Reconstructed: 1989
 33 Bridge Medium: 0
 34 Skew: 00
 35 Structure Flared: 0
 38 Navigation Control: 0
 213 Special Steel Design: 0
 267 Type of Paint: 3
 *42 Type of Service On: 1
 Type of Service Under: 5
 214 Movable Bridge: 0
 203 Type Bridge: G
 259 Pile Encasement 2
 *43 Structure Type Main: 1 01
 45 No.Spans Main: 002
 44 Structure Type Appr: 0 00
 46 No Spans Appr: 0000
 226 Bridge Curve Horz 0 Vert: 0
 111 pier Protection 0
 107 Deck Structure Type: 2
 108 Wearing Structure Type: 6
 Membrane Type: 0
 Deck Protection: 0

Signs & Attachments

225 Expansion Joint Type: 02
 242 Deck Drains: 1
 243 Parapet Location: 0
 Height: 0
 Width: 0
 238 Curb Height: 1
 Curb Material: 1
 239 Handrail 2 2
 *240 Medium Barrier Rail: 0
 241 Bridge Median Height: 0
 * Bridge Median Width: 0
 230 Guardrail Loc. Dir. Rear: 0
 Fwr: 0
 Oppo. Dir. Rear: 0
 Oppo. Fwr: 0
 244 Approach Slab 0
 224 Retaining Wall: 0
 233Posted Speed Limit: 45
 236 Warning Sign: 0.00
 234 Delineator: 0.00
 235 Hazzard Boards: 1
 237 Utilities Gas: 32
 Water: 31
 Electric: 00
 Telephone: 00
 Sewer: 00
 247 Lighting Street: 0
 Navigation: 0
 Aerial: 0
 *248 County Continuity No.: 00

Bridge Inventory Data Listing



Parameters: Bridge Serial Num

Structure ID:121-5019-0

Programming Data		Measurements:				
201 Project No:	COUNTY DESIGN	*29ADT	006800	Year:2007	65 Inventory Rating Method:	1
202 Plans Available:	1	109%Trucks:	0		63 Operating Rating Method:	1
249 Prop Proj No:	APPROVED BR Replace	* 28 Lanes On:	02	Under:00	66 Inventory Type:	2 Rating: 21
250 Approval Status:	0000	210 No. Tracks On:	00	Under:00	64 Operating Type:	2 Rating: 21
251 PI Number:	0008750	* 48 Max. Span Length	0030		231 Calculated Loads:	
252 Contract Date:	02/01/1901	* 49 Structure Length:	60		H-Modified:	18 1
260 Seismic No:	00000	51 Br. Rwdy. Width	22.60		HS-Modified:	24 0
75 Type Work:	31 1	52 Deck Width:	24.10		Type 3:	19 1
94 Bridge Imp. Cost:	\$66	* 47 Tot. Horiz. Cl:	23		Type 3s2:	31 0
95 Roadway Imp. Cost:	192	50 Curb / Sidewalk Width	0.30 / 0.30		Timber:	27 1
96 Total Imp Cost:	294	32 Approach Rdwy. Width	021		Piggyback:	00 0
76 Imp Length:	001380	*229 Shoulder Width:			261 H Inventory Rating:	16
97 Imp Year:	1990	Rear Lt:	1.50	Type:5 Rt:5.00	262 H Operating Rating	27
114 Future ADT:	010200	Fwd. Lt:	5.00	Type:8 Rt:5.00	67 Structural Evaluation:	2
		Permanent Width:			58 Deck Condition:	5
		Rear:	24.00	Type:5	59 Superstructure Condition:	5
			21.00	Type:2	* 227 Collision Damage:	0
		Intersaction Rear:	0	Fwd: 0	60A Substructure Condition:	7
		36 Safety Features Br. Rail:	3		60B Scour Condition:	8
		Transition:	0		60C Underwater Condition	N
		App. G. Rail:	0		71 Waterway Adequacy:	9
		App. Rail End:	0		61 Channel Protection Cond.:	7
		53 Minimum Cl. Over:	99' 99 "		68 Deck Geometry:	2
		Under:			69 UnderClr. Horz/Vert:	N
		*228 Minimum Vertical Cl			72 Appr. Alignment:	7
		Act. Odm Dir.:	99' 99"		62 Culvert:	N
		Oppo. Dir:	99' 99"		Posting Data	
		Posted Odm. Dir:	00' 00"		70 Bridge Posting Required	4
		Oppo. Dir:	00' 00"		41 Struct Open, Posted, CL:	P
		55 Lateral Undercl. Rt:	N 0 0		* 103 Temporary Structure:	0
		56 Lateral Undercl. Lt:	0.00		232 Posted Loads	
		*10 Max Min Vert Cl:	99' 99" Dir:0		H-Modified:	18
		39 Nav Vert Cl:	000 Horiz:0000		HS-Modified:	00
		116 Nav Vert Cl Closed:	000		Type 3:	19
		245 Deck Thickness Main	4.00		Type 3s2:	00
		Deck Thick Approach:	0.00		Timber:	27
		246 Overlay Thickness:	1.00		Piggyback	00
		212 Year Last Painted:	Sup:0000Sub:2006		253 Notification Date:	02/01/1901
					258 Fed Notify Date:	2/1/1901 12:00:00AM

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

MEETING SUMMARY

DATE: April 28, 2011

LOCATION: District 7 Conference Room

ATTENDEES:

Jason Morrell – GDOT Environmental Services
Mac Cranford – District 7 Pre-Construction
Scott Lee – District 7 Pre-Construction
Adrian Jackson – District 7 Pre-Construction
David Robbins – District 7 Pre-Construction
Dylan Eagleton – Design Policy
Kenneth Franks – Design Policy
Kevin Dye – City of Johns Creek
Cindy Jenkins – City of Johns Creek
Joshua Higgins – District 7 Pre-Construction
Albert Shelby – Program Delivery

SUBJECT: Concept Team Meeting for P.I. Nos. 0008750 and 0008751 (Bell Rd. at Cauley Creek and Parsons Rd. at Johns Creek)

DISCUSSION:

(P.I. 0008750 – Bell Road at Cauley Creek)

Scott Lee, District 7 Pre-Construction Engineer, described the project using photos on the monitor. He noted several utilities on the bridge, including gas, fiber and water.

- The project replaces a 2-lane structurally deficient bridge with a new 2-lane bridge.
- There has been no hydraulic analysis on raising the bridge yet.
- There is a nearby fire station that uses the bridge. The City of Johns Creek recently rehabilitated the bridge to keep the posting on the bridge high enough for the fire trucks to use the structure.
- The Maintenance of Traffic (MOT) during construction is proposed to be a partial shift of the bridge structure. A driveway may be affected by the shift. The completed structure will be wider, which in turn may accommodate bike lanes.
- The City of Johns Creek has a goal of bike / pedestrian facilities on this bridge which may be able to be accommodated with the MOT shift of the bridge.
- The City of Johns Creek will be acquiring the Right of Way required.
- The City of Johns Creek will look into the history of flooding on the bridge and inform GDOT.
- There is a bore under Cauley Creek by a utility that may affect the traffic shift. The City of Johns Creek has as-builts to share with GDOT.
- Public involvement meeting is required for the detour prior to completion of the environmental document.
- The database is being done in InRoads. The Environmental Office needs an Assessment of Effects layout for this project.

- The City of Johns Creek stated that they have a sidewalk and trail master plan that they desire the bridge to be in compliance with. Flooding will be assessed. The Fire Department will be briefed with a layout from the Design office.
- The Office of Design Policy stated that the concept report should be in the latest PDP format.
- A staging conversation with the Office of Bridge Design needs to be set up with Design to discuss MOT.
- The PFA has been executed. There are earmarked Q92 funds on this project.
- The City of Johns Creek desires a Right of Way estimate to be supplied once the footprint is established.

(P.I. 0008751 - Parsons Road at Johns Creek)

Scott Lee, District 7 Pre-Construction Engineer, described the project using photos on the monitor. An off-site detour is expected.

- The project replaces a 2-lane structurally deficient bridge with a new 2-lane bridge.
- There has been no hydraulic analysis on raising the bridge yet.
- There is a gas line and water line on the bridge.
- The typical section proposes an 8' sidewalk on one side for a multi-use path across the bridge.
- There is a gated community adjacent to the structure. Raising the bridge would impact that entrance.
- The Office of Environmental Services has a Assessment of Effects map on this project. Special studies on history and ecology are being reviewed.
- The City of Johns Creek will be acquiring the Right of Way required.
- The City of Johns Creek will look into the history of flooding on the bridge and inform GDOT.
- Public involvement meeting is required for the detour prior to completion of the environmental document.
- The database is being done in InRoads.
- The City of Johns Creek stated that they have a sidewalk and trail master plan that they desire the bridge to be in compliance with. Flooding will be assessed.
- The PFA has been executed. There are earmarked Q92 funds on this project.
- The City of Johns Creek desires a Right of Way estimate to be supplied once the footprint is established.
- The Office of Design Policy stated that the concept report should be in the latest PDP format.

ACTION ITEMS:

00008750:

- Program Delivery – request a hydraulic analysis of the bridge to the Office of Bridge Design
- Program Delivery – send a ROW estimate to the City once the footprint is established
- Design – create an Assessment of Effects (AOE) map for OES to begin studies
- Design – complete a layout of the project for the City of Johns Creek to discuss MOT with the fire station
- Design – complete a layout of the project for discussion of MOT with the Bridge Office
- City of Johns Creek – send the as-built plans of the utility bore to GDOT
- City of Johns Creek – review the history of flooding and report to GDOT

00008751:

- Program Delivery – request a hydraulic analysis of the bridge to the Office of Bridge Design
- Program Delivery – send a ROW estimate to the City once the footprint is established
- City of Johns Creek – review the history of flooding and report to GDOT

Transcribed by: Albert Shelby, Office of Program Delivery

**GEORGIA DEPARTMENT OF TRANSPORTATION
MEETING / CONFERENCE RECORD OF ATTENDEES**

0008751 0008750

PURPOSE: Parsons @ John's Creek & Bell Rd @ Cauley Creek

LOCATION: District 7 Conference Room

DATE: 4-28-11 TIME: 9:00 AM

MODERATOR: Albert Shelby

	NAME	ORGANIZATION	PHONE NO.	GDOT suffix: @dot.ga.gov E-MAIL ADDRESS
1	JASON MORRELL	GDOT OES	404-631-1105	jmorr01@dot.ga.gov
2	Mac Cranford	GDOT D7	770-986-1260	mcranford@dot.ga.gov
3	SCOTT LEE	GDOT D7	770-986-1261	SLEE@dot.GA.GOV
4	Adrian Jackson	GDOT D7	7 986-1110	Adjackson@dot.ga.gov
5	DAVID ROBBINS	GDOT-D7	770-986-1098	darobbins@dot.ga.gov
6	DYLAN FAULETON	GDOT-DPKS	404-631-1741	dcauleton@dot.ga.gov
7	Kenneth Franks	"	404 631-1626	KFranks@dot.ga.gov
8	Kevin Dye	Johns Creek	678-512-5254	kevin.dye@johnscreekga.gov
	Cindy Jenkins	Johns Creek	678 512 3869	Cindy.jenkins@johnscreekga.gov
10	JOSHUA HIGGINS	GDOT	(7) 986-1097	johiggins@dot.ga.gov
11				
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21				

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

MEETING SUMMARY

DATE: June 2, 2011

LOCATION: Bridge Design conference room 24th floor; GDOT General Office

ATTENDEES:

Bill Duvall – Bridge Design
Adrian Jackson – District 7 Pre-Construction
David Robbins – District 7 Pre-Construction
Joshua Higgins – District 7 Pre-Construction
Albert Shelby – Program Delivery

SUBJECT: Concept for P.I. Nos. 0008750 and 0008751 (Bell Rd. at Cauley Creek and Parsons Rd. at Johns Creek) – Bridge comments

DISCUSSION:

(P.I. 0008750 – Bell Road at Cauley Creek)

Bill Duvall explained what the Bridge Maintenance division is pushing towards with bridge replacement projects – detours and replace in kind with existing bridge whenever possible; minimize roadway work and footprint scope creep unless required.

The project was explained and the alignment shift was discussed. Bill suggested a shorter alignment shift for the temporary bridge detour to minimize roadway work. Bill will discuss both projects with Susan Beck of the hydraulics group for stream impacts. Once the survey has been completed, the package for a hydraulic study should be sent to the PM for submittal Bridge Office.

(P.I. 0008751 - Parsons Road at Johns Creek)

The survey has been completed for this project. District 7 will send the hydraulic study request package to Albert for submission to the Bridge office. Albert will review the Planning bike policy for the accommodations necessary for bridges on the city's bike plan.

ACTION ITEMS:

00008750:

Albert – review the Planning bike policy for concurrence with projects.
Albert – request project justification statements from Bridge Maintenance

00008751:

District 7 Design – send the Bridge Hydraulic study request to the PM to submit to Bridge Design

Transcribed by: Albert Shelby, Office of Program Delivery

AGREEMENT
BETWEEN

DO NOT OBLIGATE

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

AND

THE CITY OF JOHNS CREEK

FOR

TRANSPORTATION FACILITY IMPROVEMENTS

This Framework Agreement is made and entered into this 11th day of April, 2011, by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT", and the CITY OF JOHNS CREEK, acting by and through its Mayor and City Council, hereinafter called the "LOCAL GOVERNMENT".

WHEREAS, the LOCAL GOVERNMENT has represented to the DEPARTMENT a desire to improve the transportation facility described in Attachment A, attached and incorporated herein by reference and hereinafter referred to as the "PROJECT"; and

WHEREAS, the LOCAL GOVERNMENT has represented to the DEPARTMENT a desire to participate in certain activities including the funding of certain portions of the PROJECT and the DEPARTMENT has relied upon such representations; and

WHEREAS, the DEPARTMENT has expressed a willingness to participate in certain activities of the PROJECT as set forth in this Agreement; and

WHEREAS, the Constitution authorizes intergovernmental agreements whereby state and local entities may contract with one another "for joint services, for the provision of services, or for the joint or separate use of facilities or equipment; but such contracts must deal with activities, services or facilities which the parties are authorized by law to undertake or provide." Ga. Constitution Article IX, §III, ¶I(a).

NOW THEREFORE, in consideration of the mutual promises made and of the benefits to flow from one to the other, the DEPARTMENT and the LOCAL GOVERNMENT hereby agree each with the other as follows:

1. The LOCAL GOVERNMENT has applied for and received "Qualification Certification" to administer federal-aid projects. The GDOT Certification Committee has reviewed, confirmed and approved the certification for the Local Government to develop federal project(s) within the scope of its certification, using the DEPARTMENT'S Local Administered Project Manual procedures. The Local Government shall contribute to the PROJECT by funding all or certain portions of the PROJECT costs for the preconstruction engineering (design), hereinafter referred to as "PE", all reimburseable utility/railroad relocations, all non-reimburseable utilities owned by the LOCAL GOVERNMENT, railroad costs, right of way acquisitions and construction, as specified in Attachment A, attached hereto and incorporated herein by reference. Expenditures incurred by the LOCAL GOVERNMENT prior to the execution of this AGREEMENT or

subsequent funding agreements shall not be considered for reimbursement by the DEPARTMENT. Upon execution of this Agreement, the LOCAL GOVERNMENT hereby agrees and shall transfer to the DEPARTMENT the sum of Zero and No/100 Dollars (\$0.00) for the purpose of providing the DEPARTMENT with the local match for the costs of the PE activities.

2. The DEPARTMENT shall contribute to the PROJECT by funding all or certain portions of the PROJECT costs for the PE activities, right of way acquisitions or construction as specified in Attachment A.

3. It is understood and agreed by the DEPARTMENT and the LOCAL GOVERNMENT that the funding portion as identified in Attachment "A" of this Agreement only applies to the PE. The Right of Way and Construction funding estimate levels as specified in Attachment "A" are provided herein for planning purposes and do not constitute a funding commitment for right of way and construction. The DEPARTMENT will prepare LOCAL GOVERNMENT Specific Activity Agreements for funding applicable to Right of Way or Construction when appropriate.

Further, the LOCAL GOVERNMENT shall be responsible for repayment of any expended federal funds if the PROJECT does not proceed forward to completion due to a lack of available funding in future PROJECT phases, changes in local priorities or cancelation of the PROJECT by the LOCAL GOVERNMENT without concurrence by the DEPARTMENT.

4. The LOCAL GOVERNMENT shall be responsible for all costs for the continual maintenance and operations of any and all sidewalks and the grass strip between the curb and the sidewalk within the PROJECT limits.

5. Both the LOCAL GOVERNMENT and the DEPARTMENT hereby acknowledge that Time is of the Essence. It is agreed that both parties shall adhere to the schedule of activities currently established in the approved Transportation Improvement Program/State Transportation Improvement Program, hereinafter referred to as "TIP/STIP". Furthermore, all parties shall adhere to the detailed project schedule as approved by the DEPARTMENT, attached as Attachment B and incorporated herein by reference. In the completion of respective commitments contained herein, if a change in the schedule is needed, the LOCAL GOVERNMENT shall notify the DEPARTMENT in writing of the proposed schedule change and the DEPARTMENT shall acknowledge the change through written response letter; provided that the DEPARTMENT shall have final authority for approving any change.

If, for any reason, the LOCAL GOVERNMENT does not produce acceptable deliverables in accordance with the approved schedule, the DEPARTMENT reserves the right to delay the PROJECT's implementation until funds can be re-identified for construction or right of way, as applicable.

6. The LOCAL GOVERNMENT shall certify that the regulations for "CERTIFICATION OF COMPLIANCES WITH FEDERAL PROCUREMENT REQUIREMENTS, STATE AUDIT REQUIREMENTS, AND FEDERAL AUDIT REQUIREMENTS" are understood and will comply in full with said provisions.

7. The DEPARTMENT shall accomplish all of the PE activities for the PROJECT.

8. The LOCAL GOVERNMENT, unless shown otherwise on Attachment A, shall acquire the Right of way in accordance with the law and the rules and regulations of the FHWA including, but not limited to, Title 23, United States Code; 23 CFR 710, et. Seq., and 49 CFR Part 24 and the rules and regulations of the DEPARTMENT. Upon the DEPARTMENT's approval of the PROJECT right of way plans, verification that the approved environmental document is valid and current, a written notice to proceed will be provided by the DEPARTMENT for the LOCAL GOVERNMENT to stake the right of way and proceed with all pre-acquisition right of way activities. The LOCAL GOVERNMENT shall not proceed to property negotiation and acquisition whether or not the right of way funding is Federal, State or Local, until the right of way agreement named "Contract for the Acquisition of Right of Way" prepared by the DEPARTMENT's Office of Right of Way is executed between the LOCAL GOVERNMENT and the DEPARTMENT. Failure of the LOCAL GOVERNMENT to adhere to the provisions and requirements specified in the acquisition contract may result in the loss of Federal funding for the PROJECT and it will be the responsibility of the LOCAL GOVERNMENT to make up the loss of that funding. Right of way costs eligible for reimbursement include land and improvement costs, property damage values, relocation assistance

expenses and contracted property management costs. Non reimbursable right of way costs include administrative expenses such as appraisal, consultant, attorney fees and any in-house property management or staff expenses. The LOCAL GOVERNMENT shall certify that all required right of way is obtained and cleared of obstructions, including underground storage tanks, 3 months prior to advertising the PROJECT for bids.

9. The LOCAL GOVERNMENT unless otherwise noted in attachment "A" shall be responsible for funding all LOCAL GOVERNMENT owned utility relocations and all other reimbursable utility/railroad costs. The costs include but are not limited to PE, easement acquisition, and construction activities necessary for the utility/railroad to accommodate the PROJECT. The terms for any such reimbursable relocations shall be laid out in an agreement that is supported by plans, specifications, and itemized costs of the work agreed upon and shall be executed prior to certification by the DEPARTMENT. The LOCAL GOVERNMENT shall certify via written letter to the DEPARTMENT's Project Manager and District Utilities Engineer that all Utility owners' existing and proposed facilities are shown on the plans with no conflicts 3 months prior to advertising the PROJECT for bids and that any required agreements for reimbursable utility/railroad costs have been fully executed. Further, this certification letter shall state that the LOCAL GOVERNMENT understands that it is responsible for the costs of any additional reimbursable utility/railroad conflicts that arise on construction.

10. The DEPARTMENT will be responsible for all railroad coordination on DEPARTMENT Let and/or State Route (On-System) projects; the LOCAL GOVERNMENT shall address concerns, comments, and requirements to the satisfaction of the Railroad and the DEPARTMENT. If the LOCAL GOVERNMENT is shown to LET the construction in Attachment "A" on off-system routes, the LOCAL GOVERNMENT shall be responsible for all railroad coordination and addressing concerns, comments, and requirements to the satisfaction of the Railroad and the DEPARTMENT for PROJECT.

11. The DEPARTMENT, unless otherwise shown in Attachment "A", shall be responsible for Letting the PROJECT to construction, solely responsible for executing any agreements with all applicable utility/railroad companies, and securing and awarding the construction contract for the PROJECT when the certification (that all needed rights of way have been obtained and cleared of obstructions) has been submitted by the LOCAL GOVERNMENT. If the LOCAL GOVERNMENT is shown to LET the construction in Attachment "A", the LOCAL GOVERNMENT shall follow the requirements stated in Chapter 10 of the DEPARTMENT's Local Administered Project Manual.

12. The LOCAL GOVERNMENT agrees that all reports, studies, estimates, maps, computations, computer files and printouts, and any other data prepared under the terms of this Agreement shall become the property of the DEPARTMENT if required. This data shall be organized, indexed, bound, and delivered to the DEPARTMENT no later than the advertisement of the PROJECT for letting. The DEPARTMENT shall have the right to use this material without restriction or limitation and without compensation to the LOCAL GOVERNMENT.

This Agreement is made and entered into in FULTON COUNTY, GEORGIA, and shall be governed and construed under the laws of the State of Georgia.

The covenants herein contained shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the DEPARTMENT and the LOCAL GOVERNMENT have caused these presents to be executed under seal by their duly authorized representatives.

DEPARTMENT OF TRANSPORTATION

CITY OF JOHNS CREEK

BY: *Vanessa C. Smith*
Commissioner

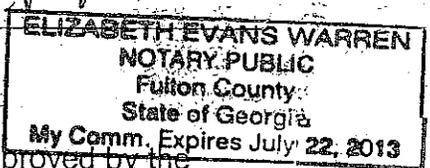
BY: *Mike Bodker*
Name Mike Bodker
Title Mayor

ATTEST: *[Signature]*
Treasurer

Signed, sealed and delivered this 19th day of October, 2010, in the presence of:

[Signature]
Witness

Elizabeth E. Warren
Notary Public



This Agreement approved by the CITY OF JOHNS CREEK, the 11th day of October, 2010.

Attest
Joan Jones City Clerk
Name and Title

FEIN: 11-3793525

ATTACHMENT "A"

Project Number: CSBRG-0008-00(750) - City of Johns Creek

Project Number: CSBRG-0008-00(751) - City of Johns Creek

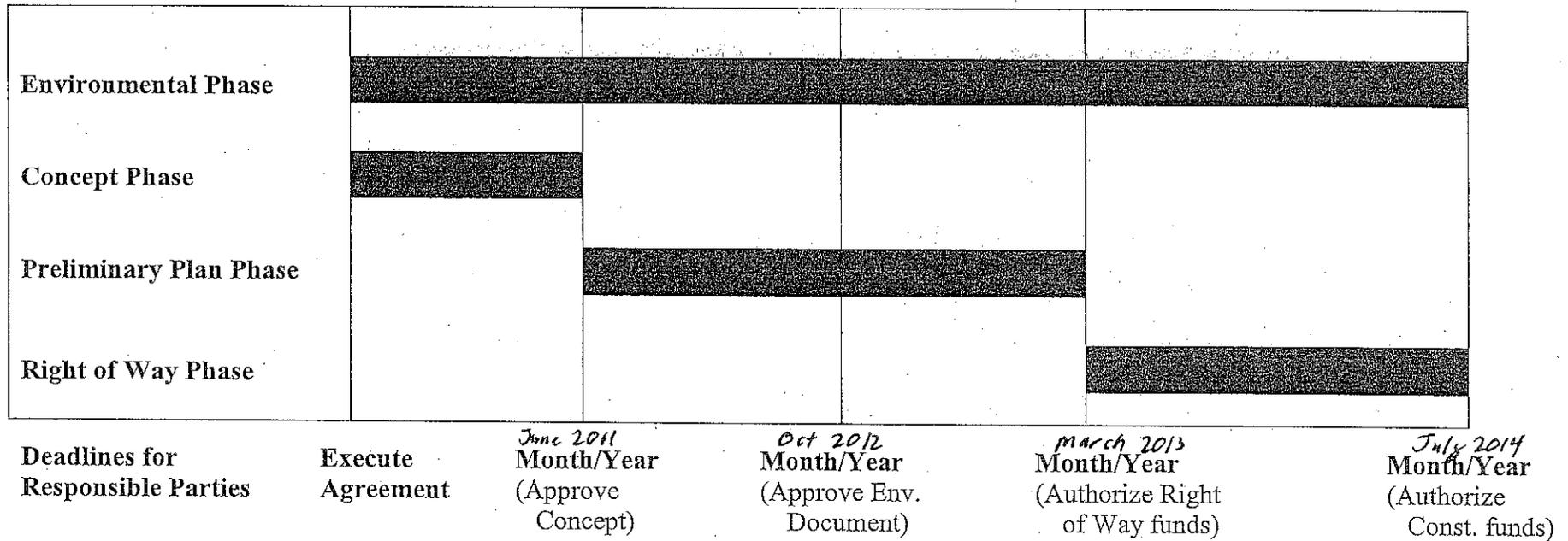
Project (PI#, Project #, Description)	Preliminary Engineering		Right of Way			Construction		Utility Relocation	
	Funding	PE Activity by	*Funding of Real Property	Acq. by	Acq. Fund by	*Funding	Letting by	Utility Funding by	Railroad Funding by
P.I. 0008750 CSBRG-0008-00(750) CR 72/Bell Road @ Cauley Creek	(80%) Federal (\$91,728) (20%) State (\$22,932)	GDOT	(100%) Local Gov.	Local Gov.	Local Gov.	(80%) Federal (\$327,506.41) (20%) State (\$81,876.60)	GDOT	100 % Local Gov.	100 % Local Gov.
P.I. # 0008751 CSBRG-0008-00(751) CR 79/Parsons Road @ Johns Creek	(80%) Federal (\$91,728) (20%) State (\$22,932)	GDOT	(100%) Local Gov.	Local Gov.	Local Gov.	(80%) Federal (\$375,580.75) (20%) State (\$93,895.19)	GDOT	100 % Local Gov.	100 % Local Gov.

Note: Maximum allowable GDOT participating amounts for PE category shall be shown above. Local Government will only be reimbursed the percentage of the accrued invoiced amounts up to but not to exceed the maximum amount indicated. *R/W and Construction amounts shown are estimates for budget planning purposes only.

ATTACHMENT "B"

0008750 – City of Johns Creek

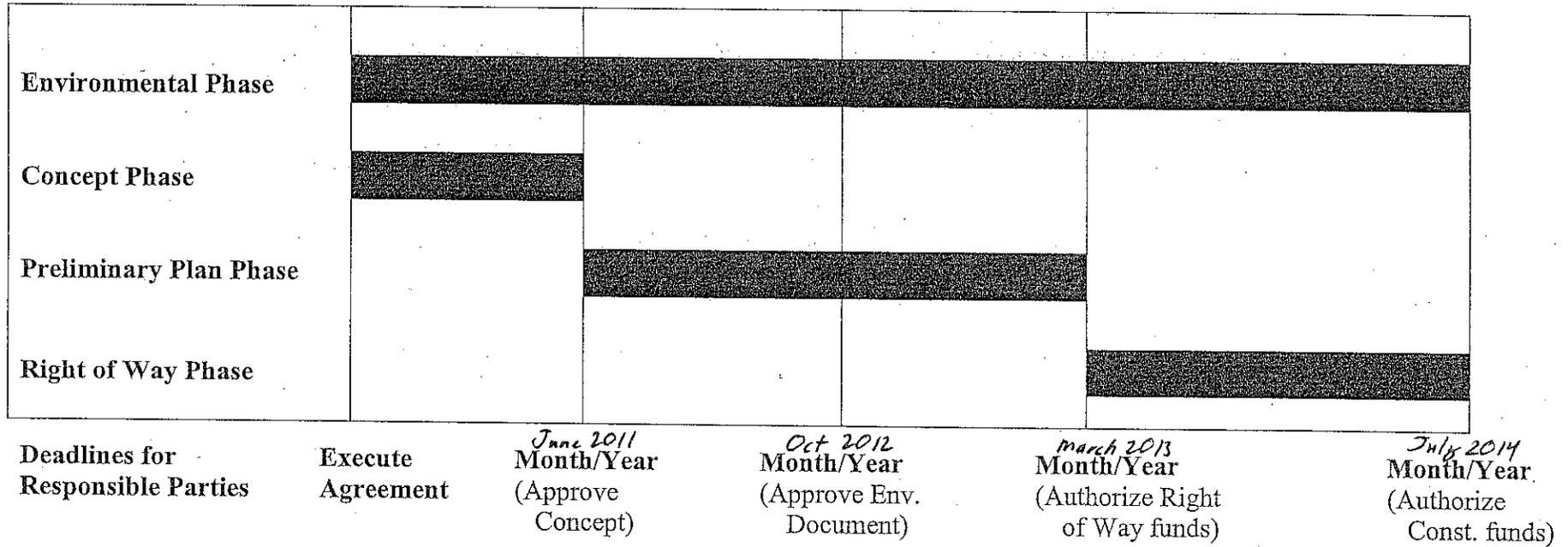
Proposed Project Schedule



ATTACHMENT "B"

0008751 – City of Johns Creek

Proposed Project Schedule



Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE Fulton County
P.I. # 0008750

OFFICE Planning

DATE August 16, 2010

FROM Angela T. Alexander, State Transportation Planning Administrator

TO Bryant Poole, District Engineer
Attention: Joshua Higgins

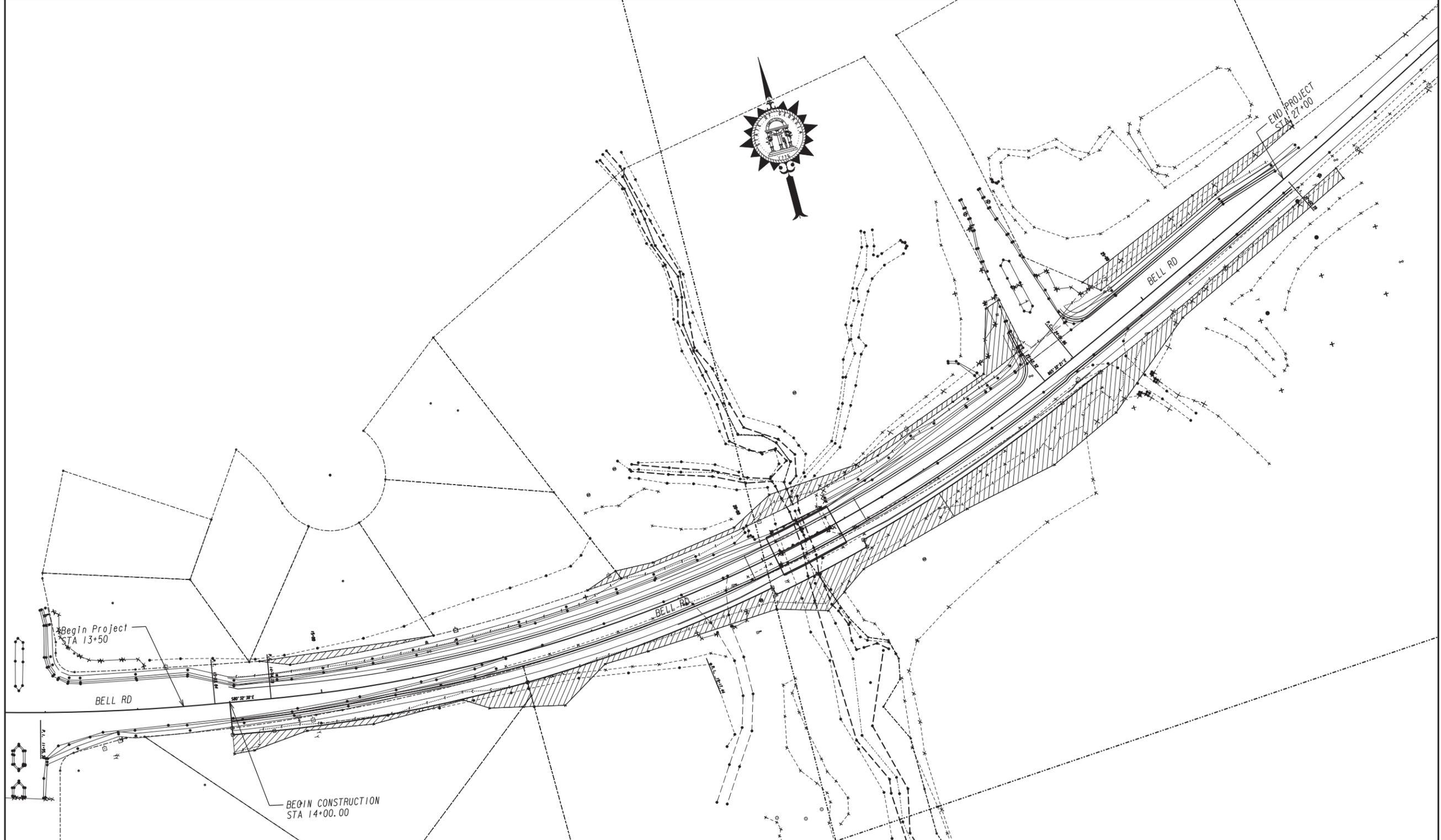
SUBJECT Traffic Assignments for C.R. 72/Bell Road at Cauley Creek.

The Traffic Assignments for the above project is as follows:

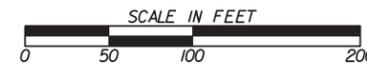
2010 ADT	8525
2016 ADT	9500
2036 ADT	12800
K	8%
D	80%
T	0.5%
24 HOUR T	1.5%
S.U.	1.4%
COMB.	0.1%

If you have any questions concerning this information please contact Abby Ebodaghe at (404) 631-1923.

ATA/afe



GEORGIA
DEPARTMENT
OF
TRANSPORTATION

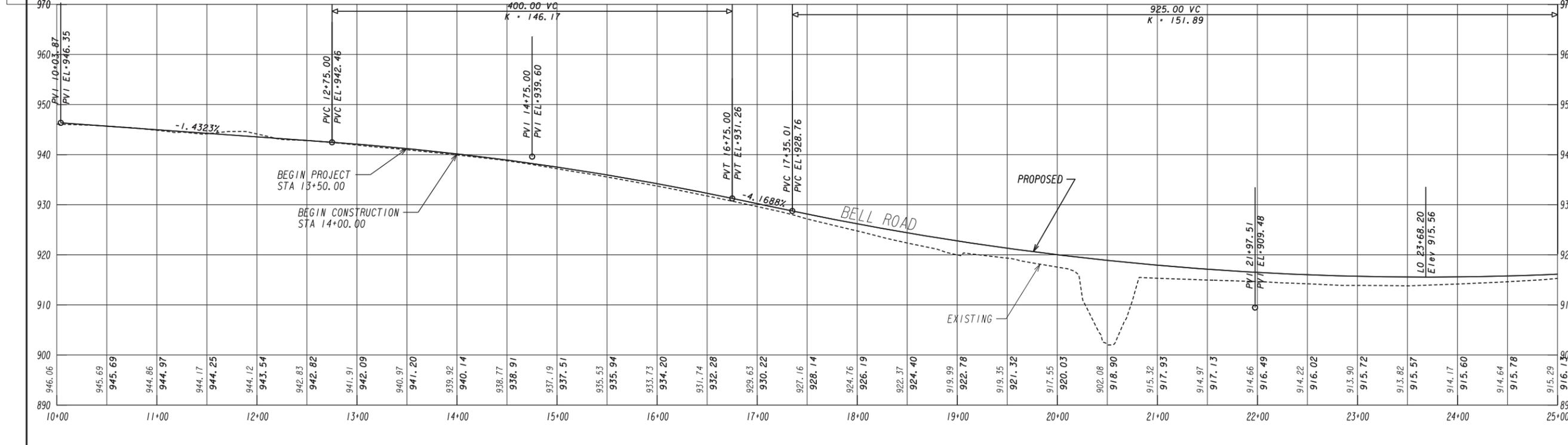
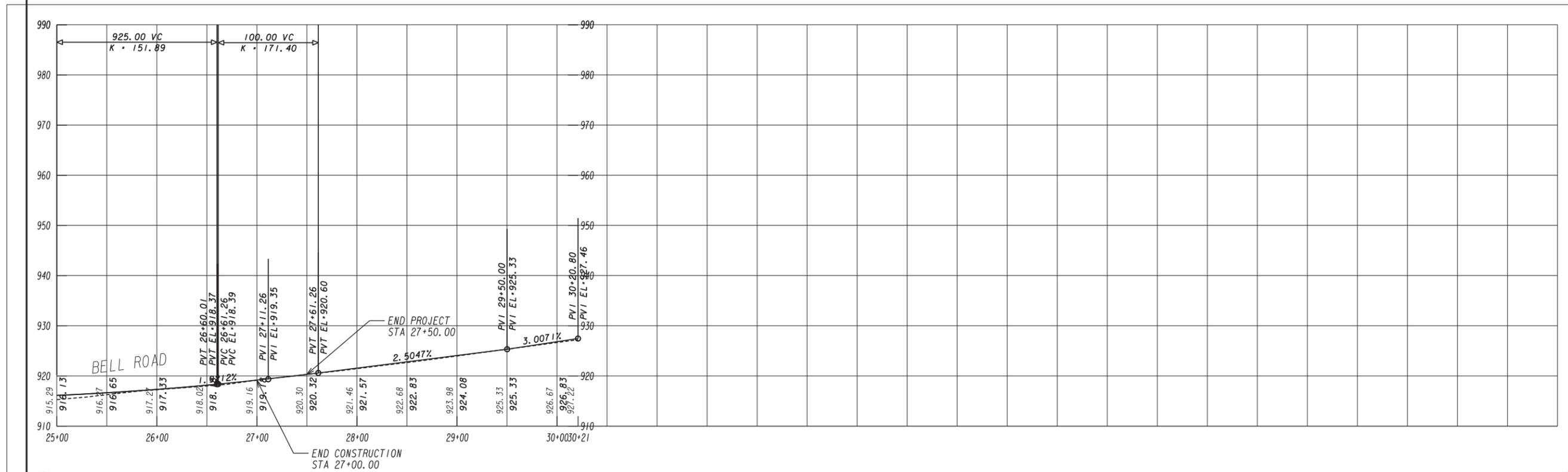


REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 7 DESIGN
MAINLINE PLAN

BELL RD OVER CAULEY CREEK

DRAWING No.
13-01



REVISION DATES	