ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 720815- & 720817-, Clayton County
STP00-0037-02(054) & BHF00-0037-02(055)
SR 42 Widening and Reconstruction
From Lake Harbin Road to Anvil Block Road

OFFICE Preconstruction

DATE June 22, 2009

FROM Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Ron Wishon
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Rachel Brown
Paul Liles
Mike Lobdell
Fletcher Miller
Brent Story
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP00-0037-02(054) & BHF00-0037-02(055)
Clayton County
P.I. Nos. 720815- & 720817-

OFFICE: Road Design
DATE: May 28, 2009

FROM: Brent Story, State Road Design Engineer

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: Revised Project Concept Report

Attached is the original copy of the Revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

The proposed changes to the approved concept are revisions to the typical section and the beginning terminus. The typical section will be revised from a 4-lane urban section with a 20 foot raised median width to a 4-lane urban section with a 16 foot raised median width per Value Engineering Implementation. In addition, the shoulder width for the typical section will change from 16 feet to 12 feet and sidewalks will be eliminated on one side in selected areas per Value Engineering Implementation.

The beginning terminus will also be revised from just North of Lake Harbin Road to the SR 42/Lake Harbin Road Intersection. This will increase the project length by 0.2 miles; for a total project length of 3.4 miles.

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

DATE 6/9/09

State Transportation Planning Administrator

Distribution:

Ron Wishon, Project Review Engineer
Glenn Bowman, State Environmental/Location Engineer
Keith Golden, State Traffic Safety and Design Engineer
Angela T. Alexander, State Transportation Planning Administrator
Angela Whitworth, Financial Management Administrator
Rachel Brown, District 7 Engineer
Paul Liles, State Bridge Design Engineer

RECEIVED
JUN 10 2009

REVISED PROJECT CONCEPT REPORT

Need and Purpose: The purpose of this project is to improve the safety and operation of SR 42 in Clayton County and also to connect the existing four lane section to the south with the existing four-lane section to the north. SR 42 in Clayton County is a major north-south route that runs from I-285 south to I-675 and the Henry County line. This project will establish a new vertical alignment since the current sight distance appears to be an issue. This project will enhance connectivity for both pedestrian and vehicular traffic from surrounding neighborhoods and the commercial districts along SR 42. This project will provide safety, additional mobility, and operational benefits as well as provide the public with a safer driving environment.

Project location: Project STP00-0037-02(054) begins along SR 42 at mile marker 1.9, just north of Lake Harbin Road and ends at mile marker 5.1, just south of the Anvil Block Road intersection. Project BHF00-0037-02-(055) is located at SR 42 and Upton Creek. The entire project lies within unincorporated Clayton County.

Description of the approved concept: Project STP00-0037-02(054) consists of the widening and reconstruction of 3.2 miles of existing 2-lane rural section into a 4-lane urban section. The project begins at mile marker 1.9, just north of Lake Harbin Road and ends at mile marker 5.1, just south of the Anvil Block Road intersection. The entire project lies within unincorporated Clayton County. Project BHF00-0037-02(055) has been appropriated in the eventuality that a bridge will be needed to replace the double 10 ft by 12ft box culvert at Upton Creek. If the hydraulic study determines that the culvert should remain then the culvert will be extended and project BHF00-0037-02(055) will be deleted.

Project STP00-0037-02(054) is a gap project between two completed roadway projects – it will link the existing 4-lane section to the south to the existing 4-lane section to the north. Improvements will not be made to the beginning and ending intersections, because these intersections have already been upgraded under previous projects. Vertical sight distance is an issue for the existing road, so a new vertical alignment will be established. Most of the existing pavement will not be retained.

The project begins north of Lake Harbin Road with symmetrical widening until just beyond the Rex Road intersection. SR 42 will be widened to the east side from this point until it reaches Upton Creek. At Upton Creek widening will continue on the west side of SR 42 until it reaches Southaven road. At this point, symmetrical widening will continue to the end of the project. The existing pavement may be retained from Southaven Road to the end of the project because the vertical alignment appears to be acceptable.

All intersections with substandard skew angles will be corrected. Specifically, the 5 intersections with substandard skews are: Rex Rd., Old Rex Morrow Rd., Forest Pkwy/ Ellenwood Rd., Farn

Dr. and Old Tony Rd. In addition to realignment, the intersections at Rex Rd. and Forest Pkwy/ Ellenwood Rd. will require significant vertical alignment improvements in order to correct intersection sight distance issues and improve driver expectancy.

All existing culverts will be extended. A Norfolk Southern Railway spur track bridge near Old Tony Road will be removed due to deficiencies. Whether the bridge will be replaced is under evaluation and study.

PDP Classification: Major X Minor_____

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

Functional Classification: Urban Minor Arterial

U. S. Route Number(s): 23 **State Route Number(s):** 42

Traffic (AADT) as shown in the approved concept:
Current Year: (2005) 15000 Design Year: (2032) 24600

Proposed features to be revised:

1. Typical Sections including shoulder width reduction, median width reduction and sidewalk reduction per Value Engineering implementation.
2. Beginning project terminus

Describe the revised feature(s) to be approved:

1. Typical Section
   a. The typical section will be revised from a 4-lane urban section with a 20 ft raised median width to a 4-lane urban section with a 16 ft raised median width per Value Engineering Implementation.
   b. The shoulder width for the typical section will change from 16 feet to 12 feet per Value Engineering Implementation.
   c. Sidewalks will be eliminated on one side in selected areas per Value Engineering Implementation.
2. The beginning terminus will be revised from just North of Lake Harbin Road to the SR 42/Lake Harbin Road Intersection (mile marker 1.9), which will increase the project length to 3.4 miles. (The correct mile marker for the ending terminus just south of the Anvil Block Road intersection is 5.3.)
3. The Norfolk Southern Railway spur track bridge near Old Tony Road will not be replaced.
4. Proposed Maximum Grade Mainline 6%.
5. Proposed Maximum Grade Side Road 11%.

Programmed/Schedule:

P.E.: 1992 R/W: Long Range Construction: Long Range

VE Study Required Yes (X) No ( )
Date Held: 2/26-29/2008

Revised cost estimates:

1. Construction*:	$25,342,000
2. Right-of-Way:	$13,421,500
3. Utilities**:	$2,197,000

* Costs contain 5% Engineering and Inspection and 3% Construction Contingencies and Fuel and Liquid AC Adjustments.

** Costs contain 30% contingency.

Is the project located in a Non-attainment area? X **Yes** _____ **No**

The proposed project lies within the Region's Air Quality Conformity Analysis and conforms to the Atlanta Regional Commission's Regional Transportation Plan (RTP) – Project Numbers CL-012A and CL-012B. The logical termini and number of lanes in this Concept Report conform to the ARC's model.

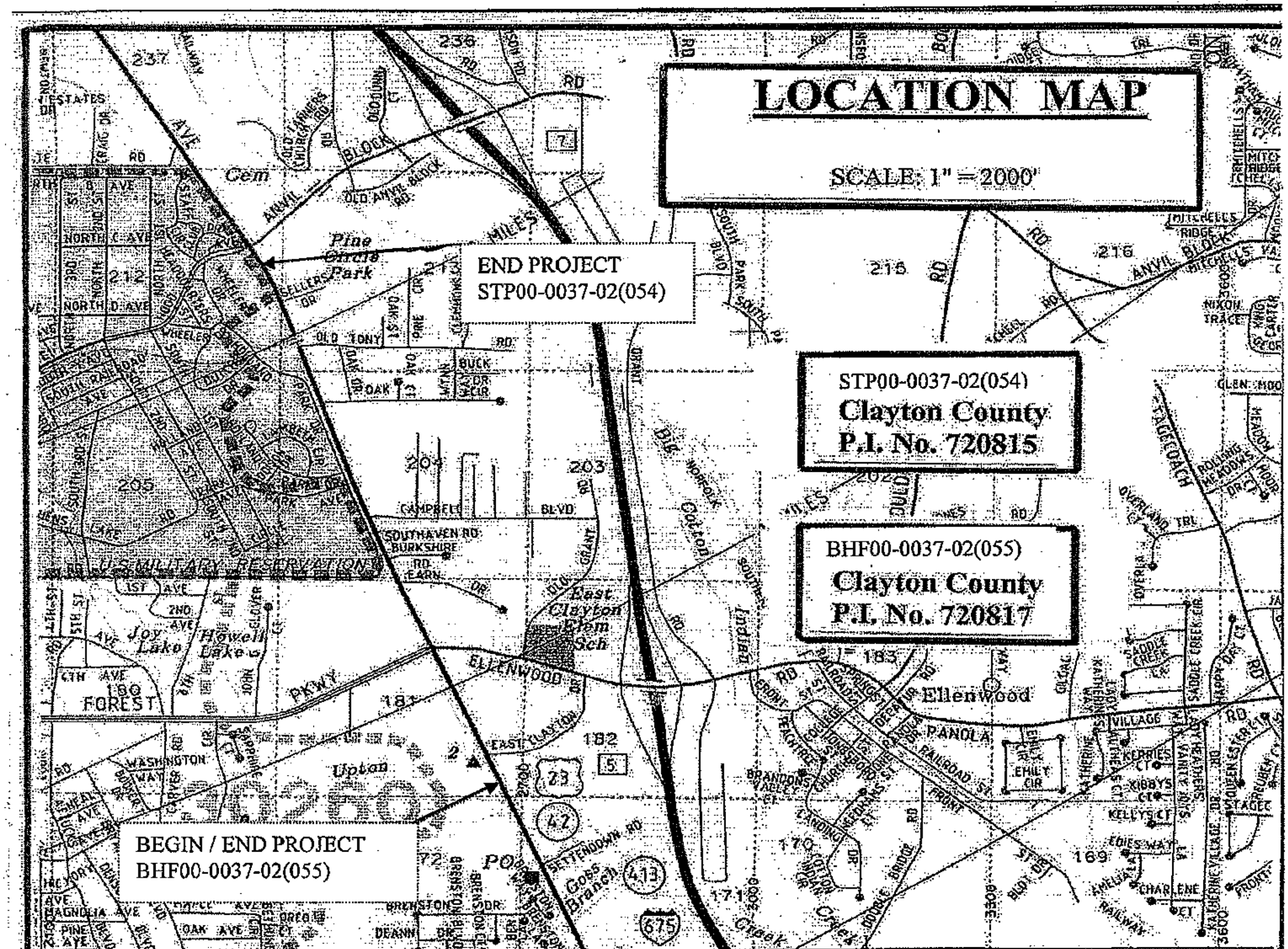
Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

Attachments:

1. Sketch Map,
2. Cost Estimate,
3. Conforming plan's network schematics, (Note: This attachment is required for non-attainment areas only.), and
4. Typical Section

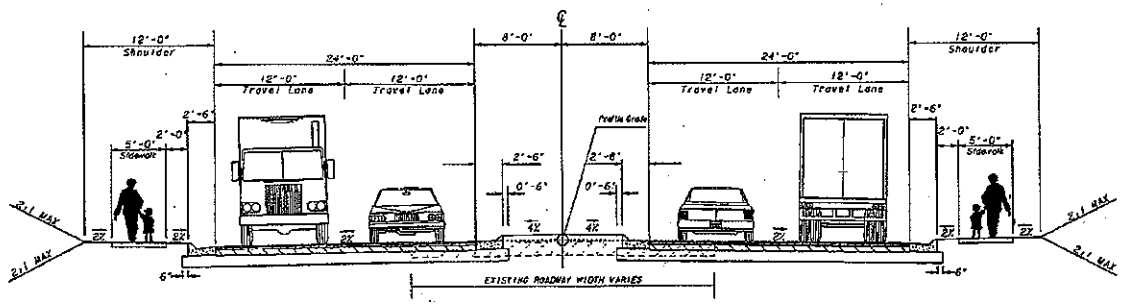
Concur: _____
Director of Preconstruction

Approve: _____
Chief Engineer

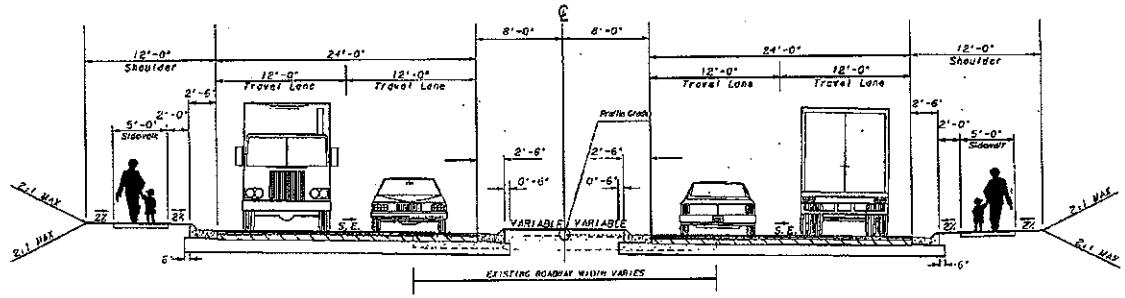

LOCATION MAP
SCALE: 1" = 2000'
STP00-0037-02(054)
Clayton County
P.I. No. 720815
BHF00-0037-02(055)
Clayton County
P.I. No. 720817
END PROJECT
STP00-0037-02(054)
BEGIN / END PROJECT
BHF00-0037-02(055)
BEGIN PROJECT
STP00-0037-02(054)
Ellenwood
U.S. MILITARY RESERVATION

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP00-0037-02(054)		

CONCEPT REPORT: TYPICAL SECTION SR 42



TANGENT SECTION WITH NORMAL CROWN



SUPER ELEVATED SECTION

DRAWING No.

Wed May 20 13:14:30 2009
Wed May 20 13:14:30 2009

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE PROJECT No. STP00-0037-02(054), Clayton
SR 42 Widening and Reconstruction
P.I. No. 720815-

OFFICE Road Design

DATE 4/6/2009

Brent A. Story

FROM **Brent A. Story, P.E., State Road Design Engineer**

TO Ronald E. Wishon, Acting Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER: Fletcher Miller

MGMT LET DATE 1/15/2012

MGMT ROW DATE 1/15/2010

PROGRAMMED COST (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION	$25,044,000	DATE 03/26/2008
RIGHT OF WAY	$18,790,000	DATE 03/26/2008
UTILITIES		DATE

REVISED COST ESTIMATES

CONSTRUCTION*	$25,342,000
RIGHT OF WAY	$13,421,500
UTILITIES**	$ 2,197,000

* Costs contain 5% Engineering and Inspection and 3% Construction Contingencies and Fuel and Liquid AC Adjustments.

** Costs contain 30% contingency.

REASON FOR COST INCREASE **Annual Update including Fuel & Liquid AC Adjustments. Concept Revision.**

Revised: October 24, 2008

CONTINGENCY SUMMARY

Construction Cost Estimate:	$22,659,000		(Base Estimate)
Engineering and Inspection:	$ 1,133,000		(Base Estimate x 5 %)
Construction Contingency:	$ 680,000		(Base Estimate x 3 %) Reconstruction with Added Capacity
Total Fuel Adjustment	$ 528,000		(From attached worksheet)
Total Liquid AC Adjustment	$ 342,000		(From attached worksheet)
Construction Total:	$25,342,000		
Utility Cost Estimate:	$ 1,690,000		
Utility Contingency:	$ 507,000	30 %	
Utility Total:	$ 2,197,000		

REIMBURSABLE UTILITY COST

Utility Owner	Reimbursable Costs
Clayton Co. Water and Sewer Auth.	$1,440,000
Georgia Power Transmission	$250,000
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Attachments

c: Genetha Rice-Singleton, Assistant Director of Preconstruction

Angela Whitworth, Financial Management Administrator

Estimate Report for file "720815_020609_2009-02-06"

Section Major Structures

Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3101	1190	CY	248.21	CLASS A CONCRETE	295369.90
500-3110	135	LF	383.34	CLASS A CONCRETE, TYPE P1, RETAINING WALL	51750.90
500-3115	75	LF	475.00	CLASS A CONCRETE, TYPE P2, RETAINING WALL	35625.00
500-3120	140	LF	536.55	CLASS A CONCRETE, TYPE P3, RETAINING WALL	75117.00
500-3201	1114	CY	628.33	CLASS B CONCRETE, RETAINING WALL	699959.62
511-1000	144687	LB	0.87	BAR REINF STEEL	125877.69
				Section Sub Total:	**$1,283,700.11**

Section Base & Paving

Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	87241	TN	17.85	GR AGGR BASE CRS, INCL MATL	1557251.85
402-3113	2122	TN	67.70	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	143659.40
402-3121	10005	TN	60.11	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	601400.55
402-3190	2830	TN	68.26	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2,INCL BITUM MATL & H LIME	193175.80
413-1000	3087	GL	2.15	BITUM TACK COAT	6637.05
430-0210	125291	SY	62.00	PLAIN PC CONC PVMT, CL 1 CONC, 11 INCH THK	7768042.00
441-6222	45700	LF	15.89	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	726173.00
441-6740	45700	LF	13.68	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	625176.00
446-1100	700	LF	5.14	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	3598.00
				Section Sub Total:	**$11,625,113.65**

Section Clearing & Grubbing

Item Number	Quantity	Units	Unit Price	Item Description	Cost
201-1500	1	LS	1000000.00	CLEARING & GRUBBING - STP-037-2(54)	1000000.00
				Section Sub Total:	**$1,000,000.00**

Section Grading & Earthwork

Item Number	Quantity	Units	Unit Price	Item Description	Cost
205-0001	146070	CY	2.91	UNCLASS EXCAV	425063.70
				Section Sub Total:	**$425,063.70**

Section Drainage

Item Number	Quantity	Units	Unit Price	Item Description	Cost
550-1181	22368	LF	50.60	STORM DRAIN PIPE, 18 IN, H 10-15	1131820.80
550-1241	8950	LF	51.83	STORM DRAIN PIPE, 24 IN, H 10-15	463878.50
550-1300	8950	LF	59.55	STORM DRAIN PIPE, 30 IN, H 1-10	532972.50
550-1361	4500	LF	77.85	STORM DRAIN PIPE, 36 IN, H 10-15	350325.00
550-4224	150	EA	744.82	FLARED END SECTION 24 IN, STORM DRAIN	111723.00
576-1018	205	LF	42.38	SLOPE DRAIN PIPE, 18 IN	8687.90
668-1100	300	EA	2541.90	CATCH BASIN, GP 1	762570.00
668-2100	88	EA	2455.35	DROP INLET, GP 1	216070.80
				Section Sub Total:	**$3,578,048.50**

Section Special Features

Item Number	Quantity	Units	Unit Price	Item Description	Cost
620-0100	11420	LF	30.44	TEMPORARY BARRIER, METHOD NO. 1	347624.80
634-1200	150	EA	99.08	RIGHT OF WAY MARKERS	14862.00
				Section Sub Total:	**$362,486.80**

Section Traffic Signals

Item Number	Quantity	Units	Unit Price	Item Description	Cost
647-1000	1	LS	500000.00	TRAFFIC SIGNAL INSTALLATION (5)	500000.00
				Section Sub Total:	**$500,000.00**

Section Concrete Work

Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0016	2850	SY	41.13	DRIVEWAY CONCRETE, 6 IN TK	117220.50
441-0104	14278	SY	32.82	CONC SIDEWALK, 4 IN	468603.96
441-0301	6	EA	1994.68	CONC SPILLWAY, TP 1	11968.08
441-0303	9	EA	1982.85	CONC SPILLWAY, TP 3	17845.65
441-0740	24024	SY	36.12	CONCRETE MEDIAN, 4 IN	867746.88
441-4020	1740	SY	42.93	CONC VALLEY GUTTER, 6 IN	74698.20
441-5002	1370	LF	13.12	CONCRETE HEADER CURB, 6 IN, TP 2	17974.40
441-5003	35	LF	18.74	CONCRETE HEADER CURB, 8 IN, TP 3	655.90
441-5004	430	LF	17.88	CONCRETE HEADER CURB, 10 IN, TP 4	7688.40
				Section Sub Total:	**$1,584,401.97**

Section Signs & Striping

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1029	200	SF	14.67	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	2934.00
636-1033	1085	SF	20.20	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	21917.00
636-1041	66	SF	46.28	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	3054.48
636-2070	2030	LF	9.14	GALV STEEL POSTS, TP 7	18554.20
636-2080	317	LF	11.52	GALV STEEL POSTS, TP 8	3651.84
636-2090	91	LF	9.43	GALV STEEL POSTS, TP 9	858.13
636-3010	13	EA	551.88	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	7174.44
639-4004	19	EA	5829.96	STRAIN POLE, TP IV	110769.24
653-0120	112	EA	73.08	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	8184.96
653-1501	56120	LF	0.47	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	26376.40
653-1502	47101	LF	0.48	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	22608.48
653-1704	477	LF	3.48	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1659.96
653-1804	4149	LF	1.70	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	7053.30
653-3501	3333	GLF	0.33	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	1099.89
653-6004	9586	SY	2.77	THERMOPLASTIC TRAF STRIPING, WHITE	26553.22
653-6006	514	SY	2.69	THERMOPLASTIC TRAF STRIPING, YELLOW	1382.66
654-1002	2000	EA	2.82	RAISED PVMT MARKERS TP 2	5640.00
657-1054	1575	LF	3.78	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	5953.50
657-3085	1575	GLF	4.03	PREFORMED PLASTIC SKIP PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	6347.25
657-6054	1575	LF	3.77	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	5937.75
				Section Sub Total:	**$287,710.70**

Section Guardrail

Item Number	Quantity	Units	Unit Price	Item Description	Cost
641-1100	1300	LF	51.56	GUARDRAIL, TP T	67028.00
641-1200	500	LF	17.60	GUARDRAIL, TP W	8800.00
641-5001	20	EA	665.08	GUARDRAIL ANCHORAGE, TP 1	13301.60
641-5012	20	EA	1862.72	GUARDRAIL ANCHORAGE, TP 12	37254.40
				Section Sub Total:	**$126,384.00**

Section Traffic Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1010	1	LS	530736.00	TRAFFIC CONTROL - STP-037-2(54)	530736.00
				Section Sub Total:	**$530,736.00**

Section Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	43	AC	385.22	TEMPORARY GRASSING	16564.46
163-0240	1239	TN	172.38	MULCH	213578.82
163-0300	15	EA	1234.88	CONSTRUCTION EXIT	18523.20
163-0503	11	EA	451.42	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	4965.62
163-0520	71	LF	14.72	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	1045.12
163-0530	1875	LF	2.69	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	5043.75
163-0550	220	EA	206.02	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	45324.40
165-0010	1060	LF	0.70	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	742.00
165-0030	6910	LF	0.78	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	5389.80
165-0070	938	LF	2.22	MAINTENANCE OF BALED STRAW EROSION CHECK	2082.36
165-0087	11	EA	110.72	MAINTENANCE OF SILT CONTROL GATE, TP 3	1217.92
165-0101	15	EA	511.06	MAINTENANCE OF CONSTRUCTION EXIT	7665.90
167-1000	8	EA	597.96	WATER QUALITY MONITORING AND SAMPLING	4783.68
167-1500	30	MO	655.95	WATER QUALITY INSPECTIONS	19678.50
171-0010	2120	LF	2.45	TEMPORARY SILT FENCE, TYPE A	5194.00
171-0030	13820	LF	3.46	TEMPORARY SILT FENCE, TYPE C	47817.20
603-2024	7360	SY	47.81	STN DUMPED RIP RAP, TP 1, 24 IN	351881.60
603-2181	1830	SY	36.79	STN DUMPED RIP RAP, TP 3, 18 IN	67325.70
603-7000	9190	SY	4.43	PLASTIC FILTER FABRIC	40711.70
700-6910	86	AC	825.66	PERMANENT GRASSING	71006.76
700-7000	257	TN	63.09	AGRICULTURAL LIME	16214.13
700-7010	214	GL	21.49	LIQUID LIME	4598.86
700-8000	86	TN	384.56	FERTILIZER MIXED GRADE	33072.16
700-8100	4270	LB	2.30	FERTILIZER NITROGEN CONTENT	9821.00
700-9300	33171	SY	3.58	SOD	118752.18
710-9000	8435	SY	4.66	PERMANENT SOIL REINFORCING MAT	39307.10
716-2000	137700	SY	0.96	EROSION CONTROL MATS, SLOPES	132192.00
				Section Sub Total:	**$1,284,499.92**

Section Field Engineers Office

Item Number	Quantity	Units	Unit Price	Item Description	Cost
153-1300	1	EA	70578.50	FIELD ENGINEERS OFFICE TP 3	70578.50
				Section Sub Total:	**$70,578.50**

Total Estimated Cost: $22,658,723.85

Date 4/3/2009

P.I. Number 720815- County CLAYTON

Project Number STP00-0037-02(054)

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX*)

ENTER FPL DIESEL	2.056
ENTER FPM DIESEL	4.626

ENTER FPL UNLEADED	1.818
ENTER FPM UNLEADED	4.0905

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

INCREASE ADJUSTMENT
125.00%

INCREASE ADJUSTMENT
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 **(CUBIC YARD)**	146070.000	0.29	42360.30	0.15	21910.50	
Excavations paid as specified by Sections 206 **(CUBIC YARD)**		0.29		0.15		
GAB paid as specified by the ton under Section 310 **(TON)**	87241.000	0.29	25299.89	0.24	20937.84	
Hot Mix Asphalt paid as specified by the ton under Sections 400 **(TON)**		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 **(TON)**	14957.000	2.90	43375.30	0.71	10619.47	
PCC Pavement paid as specified by the square yard under Section 430 **(SY)**	125291.000	0.25	31322.75	0.20	25058.20	

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class __Concrete (CY) Section 500	1190.00	248.21	295.3699	8.00	2362.96	1.50	443.05	Culverts
Class __Concrete (CY) Section 500	1114.00	628.33	699.9598	8.00	5599.68	1.50	1049.94	Retaining Wall
Class __Concrete (CY) Section 500	350.00	331.18	115.9130	8.00	927.30	1.50	173.87	Parapet Walls
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511	144687.00	0.87	125.8777	8.00	1007.02	1.50	188.82	
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Pile Encasement,___(LF) Section 547				8.00		1.50		
Pile Encasement,___(LF) Section 547				8.00		1.50		

SUM OF DIESEL=	152255.20	SUM OF UNLEADED=	80381.69

DIESEL PRICE ADJUSTMENT($)	$359,992.20
UNLEADED PRICE ADJUSTMENT($)	$168,054.00

ASPHALT CEMENT PRICE ADJUSTMENT
(BITUMINOUS TACK COAT 125% MAX)

APPLICABLE TO CONTRACTS/PROJECTS CONTAINING THE 413 SPECIFICATION, SECTION 413.5.01 ADJUSTMENTS
ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

ENTER APL: 374 ENTER APM: 841.5

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000		3087	13.2590	

TMT = 13.2590

PRICE ADJUSTMENT($)	$5,950.63

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL: 374 ENTER APM: 841.5

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

125.00%	INCREASE ADJUSTMENT

L.I.N. / Spec Number	MIX TYPE	HMA	JMF AC%	AC	REMARKS
402-3113	12.5 mm SP	2122	5.00	106.10	
402-3190	19 mm SP	2830	5.00	141.50	
402-3121	25 mm SP	10005	5.00	500.25	
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			TMT =	747.85	

PRICE ADJUSTMENT($)	$335,635.08

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

ENTER APL 374

ENTER APM 841.5

125.00%	INCREASE ADJUSTMENT

Use this side for Asphalt Emulsion Only

L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)

TMT =

REMARKS:

Use this side for Asphalt Cement Only

L.I.N.	TYPE	TACK (GALLONS)

TMT =

REMARKS:

MONTHLY PRICE ADJUSTMENT($)	

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX)*

DIESEL PRICE ADJUSTMENT($)	$359,992.20
UNLEADED PRICE ADJUSTMENT($)	$168,054.00
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	$5,950.63
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	$335,635.08
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:

TOTAL ADJUSTMENTS	$869,631.91

DWM 10/08

Preliminary Right of Way Cost Estimate

Phil Copeland
Right of Way Administrator
By: LaShone Alexander

Date: March 04, 2009
Project: STP-037-2(54)Clayton UPDATED
Existing/Required R/W: Varies/Varies
Project Termini : SR 42 Widening from Lake Harbin to Fort Gillam
Project Description: SR 42 Widening Project

P.I. Number: 720815
No. Parcels: 110

Land:			
Res. R/W: 334,541 sf @ $ .65/sf		$ 217,452	
Res. Esmt.: 243,065 sf @ $.65/sf @ 50%		78,996	
Comm. R/W: 55,757sf @ $5.50/sf		306,664	
Comm. Esmt.:40,511sf @ $ 5.50/sf @ 50%		111,405	
Indus. R/W: 167,270sf @ $ 3.03/sf		506,828	
Indus. Esmt.: 121,532sf @ $ 3.03/sf @ 50%		184,121	$ 1,405,466
Improvements : signs, fencing, residences, businesses, landscaping misc. site improvements			3,271,400
Relocation: Residential (10)	$ 400,000		
Commercial (9)	225,000		625,000
Damage : Proximity (5)			
Cost to Cure (9)			$ 110,000
	Net Cost		$ 5,411,866

Net Cost		$ 5,411,866
Scheduling Contingency	55 %	2,976,526
Adm/Court Cost	60	5,033,036
		$ 13,421,428

Total Cost **$13,421,500**

Note: The Market Appreciation (40%) is not included in the updated Preliminary Cost Estimate.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-037-2(54), Clayton
P.I. No. 720815

OFFICE Chamblee

DATE March 19, 2009

FROM Rachel Brown
District Engineer

TO Fletcher C. Miller, P. E., Office of Road Design Group Manager
ATTN Steven C. Boockholdt

SUBJECT PRELIMINARY UTILITY COST (ESTIMATE)

As requested by your office, we are furnishing you with a Preliminary Utility Cost estimates for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON-REIMBURSABLE	REIMBURSABLE
AT&T/BellSouth	$ 61,347.00	
Atlanta Gas Light Co.	$1,950,000.00	
Comcast Comm.	$ 40,000.00	
Clayton Co. Water & Sewer Auth.		$ 1,440,000.00
Georgia Power Transmission		$ 250,000.00
Georgia Power Distribution	$ 0.00	
College Park Power	$ 0.00	
City of College Park	$ 0.00	
Totals	$2,051,347.00	$1,690,000.00
30% Utilities Contingency:		$ 507,000.00
Total Reimbursement Cost:		**$2,197,000.00**

If you have any questions, please contact Yulonda Pride-Foster at 770-986-1117.

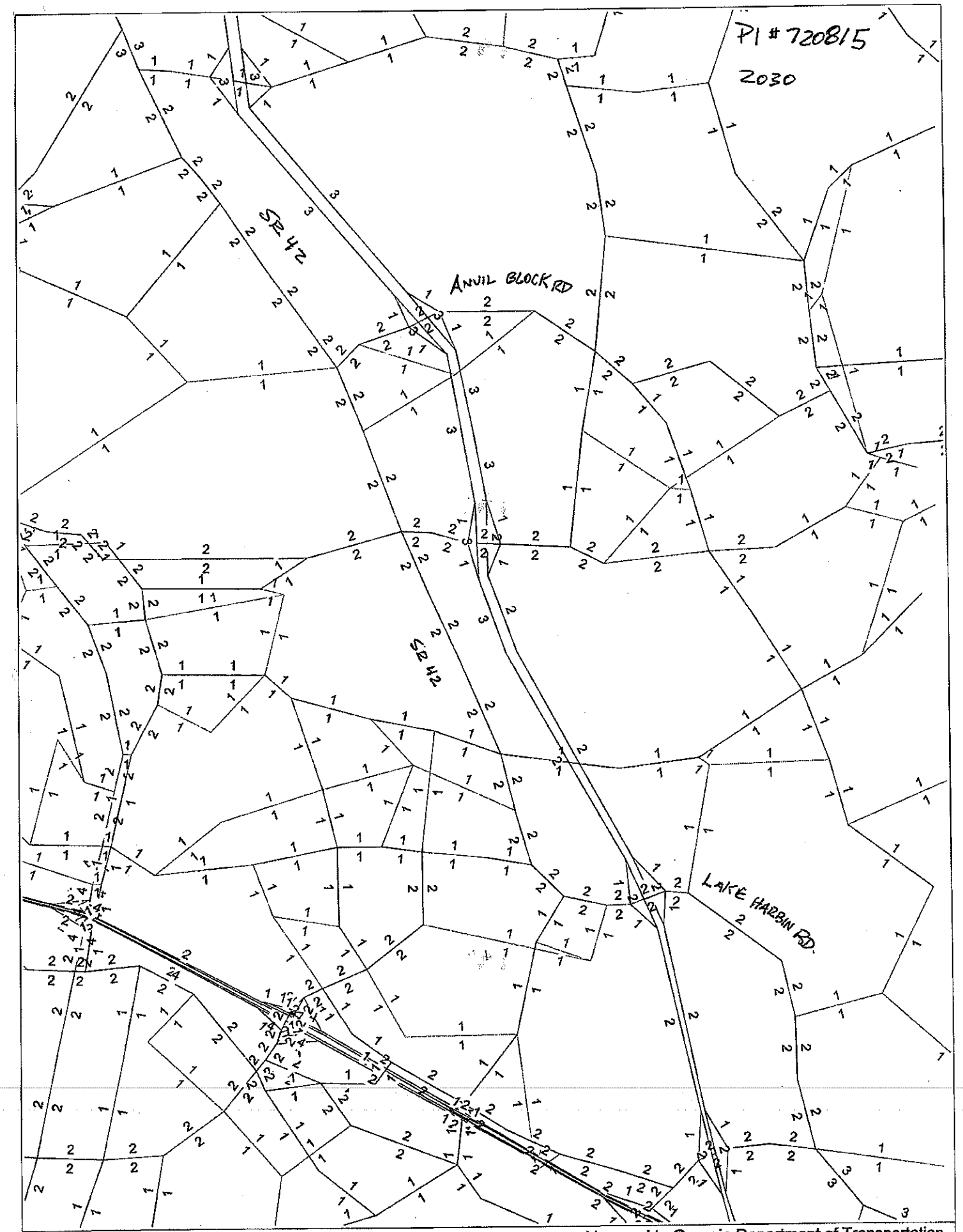
Sincerely,

Rachel Brown
District Engineer

By: Jonathan Walker
District Utilities Engineer

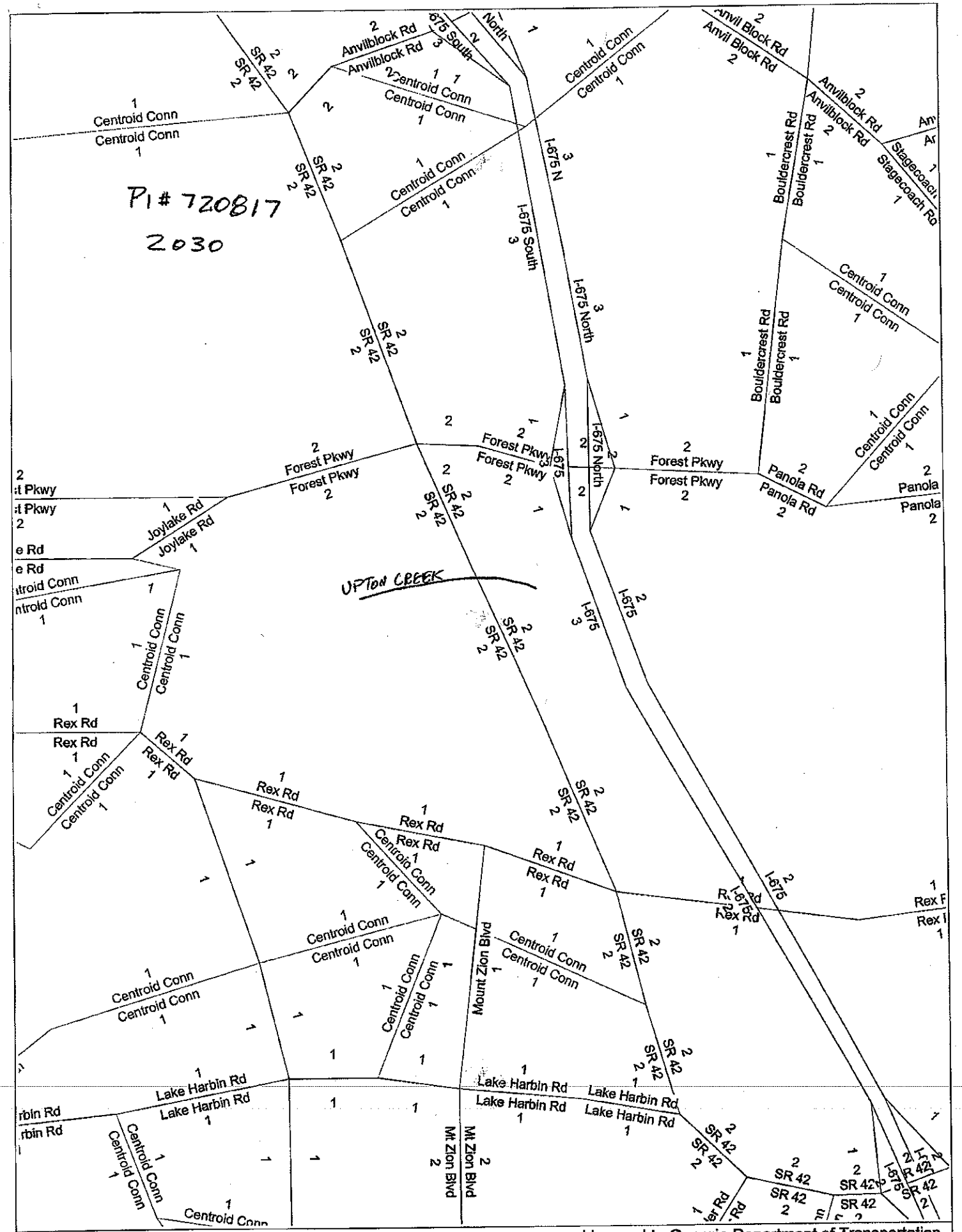
RB/JW/ypf

C: Jeff Baker, State Utilities Engineer (Via Email)
Office of Financial Management
Ernay Robinson, Area Engineer (Via Email)



Viper Software by The Urban Analysis Group

Licensed to Georgia Department of Transportation



Viper Software by The Urban Analysis Group

Licensed to Georgia Department of Transportation