ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #162390-
NH000-0002-07(023)
White County
Cleveland West Bypass from SR 11 North
on New Location/Hulsey Road to SR 75

OFFICE Design Policy & Support

DATE June 4, 2010

FROM for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT **APPROVED REVISED CONCEPT REPORT**

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

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Adminstrator
Ron Wishon, State Project Review Engineer
Glenn Bowman, State Environmental Administrator
Ken Thompson, Statewide Location Bureau Chief
Michael Henry, Systems & Classification Branch Chief
Keith Golden, State Traffic Operations Engineer
Angela Alexander, State Transportation Planning Administrator
Paul Liles, State Bridge Engineer
Bobby Hilliard, State Program Delivery Engineer
Angela Robinson, Financial Management Administrator
Jeff Baker, State Utilities Engineer
R. Allen Ferguson, District Utilities Engineer
Robert W. Mahoney P.E., District Preconstruction Engineer
Todd McDuffie, Interim District Engineer
Justin Lott, Project Manager
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

REVISED PROJECT CONCEPT REPORT

Project Number: NH000-0002-07(023)
County: White
P. I. Number: 162390
Federal Route Number: N/A
State Route Number: West Cleveland Bypass (SR 962)

The project features of the approved concept report to be revised are the project termini and the Phase 3 typical section. The project has been approved to be split into 3 separate design and construction phases. Phase 1 would begin at the current project beginning and end just past the intersection with SR 115. Phase 2 would begin at the intersection of SR 115 and end just past the intersection with SR 11/US 129 North of Cleveland. Phase 3 would begin at the intersection of SR 11/US 129, follow along CR 68/Hulsey Road, and end at the intersection with SR 75. The typical section for Phase 3, along CR 68/Hulsey Road will be 5 lane section with a center two-way left turn lane.

Submitted for approval:

DATE _____ N/A
Design Consultant Name and Firm Name (if applicable)

DATE _____ N/A
Local Government (if applicable)

DATE 4/8/2010 _____
Design Phase Office Head (if applicable)

DATE 4/8/2010 _____
Office Head (Project Manager's Office)

DATE 4/8/2010 _____
Project Manager

Recommendation for approval:

DATE 4/22/2010 (Glenn Bowman) Recommendation on File MHB
State Environmental Administrator

DATE _____ N/A
State Bridge Design Engineer (if applicable)

The 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 4/22/2010 _____
State Transportation Planning Administrator

REVISED PROJECT CONCEPT REPORT

Need and Purpose: The City of Cleveland is a gateway to the tourist destinations located in North Central Georgia. Three State routes that serve central North Georgia intersect in the City of Cleveland, SR 11, SR 75, and SR 115. These facilities all have two lanes. The common section of SR 11 and SR 75 is also a two lane facility travelling north/south through the central business district. Due to growth in the North Georgia area capacity has been exceeded along these two lane facilities. SR 11 alone now carries over 20,000 AADT. Due to the historical nature any improvements would adversely impact the downtown area. There is no feasible and prudent means to increase the capacity of the existing facilities to meet current and future demand.

In order to increase capacity of the state highway system through the City of Cleveland, the Department has proposed a bypass west of the City. Project traffic volumes for the bypass are 28,800 vehicles per day in the design year, 2033. The distribution of through traffic movements away from the downtown area will reduce the need to increase the capacity of State Routes 11, 75, and 115 in the central business district. The proposed bypass will provide sufficient capacity to handle long term transportation needs for central north Georgia.

Project location: Project NH000-0002-07(023), White County is proposed as a west bypass of Cleveland. It would begin near the intersection of SR 11/US 129 with Hope Drive, south of Cleveland, tying into project STP00-0002-07(021). It would proceed on new location to the west of Cleveland until crossing US 129/SR 11/SR 75 Alt. After crossing SR 75 Alt. it would continue along CR 68/Hulsey Road to SR 75 where it would end, tying into project STP00-0115-01(007), just north of Cleveland. The total length of the project is 4.6 miles.

Description of the approved concept: The alignment begins at SR 11 at Hope Road and proceeds on new location and transitioning from a 20 foot raised median to a 44 foot grassed median. It would continue in a west to northwest direction crossing SR 115 and CR 51/Hunt Road. There would be an at grade intersection at SR 115. Then it would turn in a northern direction bridging CR 115/Jess Hunt Road. It then turns in a northwest direction and intersects Shepard Drive at grade. The alignment would then turn in a northeast direction and transition to a 20 foot raised median 1500 feet southwest of SR 75 Alt./US 129/SR 11. It would bridge Tesnatee Creek with two 38' x 319' bridges and again with one 92' x 310'. The alignment would continue intersecting SR 75 Alt. at grade and would follow along CR 68/Hulsey Road widening to the left side. Widening to the left side would lessen the impact to the stream paralleling Hulsey Road. It would then tie into SR 75, just north of Cleveland, where the project would end. Traffic would be maintained on the existing network of roads during construction.

The roadway is proposed to be two lanes in each direction with a 44 foot grassed median or 20 foot raised median. Along CR 68/Hulsey Road the roadway is proposed to be widened to four lanes with a 20 foot raised median. The proposed right of way would vary from 150 feet to 600 feet. Traffic volumes are projected to vary from 6500 to 9000 ADT in the year 2002 and 11500 to 16000 ADT in the year 2022. There would be 9 residents, 4 mobile homes, and 1 business displaced. It would cross 10 Waters of the U.S.

PDP Classification: Major X Minor_____

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

Functional Classification: Rural Minor Arterial

U. S. Route Number(s): N/A **State Route Number(s):** West Cleveland Bypass

Traffic (AADT) as shown in the approved concept:
Base Year: (2002) 6,500 – 9,000 Design Year: (2022) 11,500 – 16,000

Updated traffic data (AADT):
Base Year: (2013) 20,000 Design Year: (2033) 29,500

Approved Programmed/Schedule:
P.E. 1998 R/W: 2004-2010 Construction: LR

VE Study Required Yes (X) No ( ) Note: VE Study Completed 10/7/2005

Benefit/Cost Ratio 0.81 Entire Project B/C From Prioritization (Regional Model)
0.07 Phase 1 B/C (Micro Model)
0.03 Phase 2 B/C (Micro Model)
0.01 Phase 3 B/C (Micro Model)

Is the project located in an Ozone Non-attainment area? Yes ( ) No (X)

Is the project in a PM2.5 Non-Attainment area? Yes ( ) No (X)
If yes to either, provide a comparison between the proposed project concept and the conforming plan's model description. Include such features as project limits, number of through lanes, proposed open to traffic year, etc.

Approved Features:	**Proposed Features:**
The approved concept has the project beginning termini located near the intersection of SR 11/US 129 and Hope Drive. The ending termini of the project is located at the intersection of CR 68/Hulsey Road and SR 75 for a total project length of 4.6 miles. Also, the typical section along CR 68/Hulsey road is a 4 lane section with a 20 foot raised median.	This project was approved to be split into 3 separate construction and design phases to allow for various phased funding opportunities. Phase 1 would begin approximately 2000 feet south of the intersection of SR 11/US 129 and Hope Drive. Phase 1 would end approximately 200 feet North of the intersection of the Bypass and SR 115. Phase 2 would begin at the intersection of the Bypass and SR 115. Phase 2 would end approximately 1000 feet East of the intersection of the Bypass and SR 11/US 129. Phase 3 would begin at the intersection of the Bypass and SR 11/US 129 and would end at the intersection of the Bypass and SR 75. The typical section in Phase 3, along CR 68/Hulsey Road, will be 5 lane section with a center two-way left turn lane.
Reason for Change: The project termini is proposed to change for two reasons. The beginning termini is proposed to be shifted to the south approximately 400 feet to allow adequate transition lengths from the new 4-lane section to the existing 3-lane section. We are requesting the establishment of each phase termini. However, the overall project end termini remains unchanged. Separate project numbers will need to be programmed for Phases 2 and 3. The typical section is proposed to change due to environmental impacts, utility impacts, and the number of current and anticipated access points.	

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

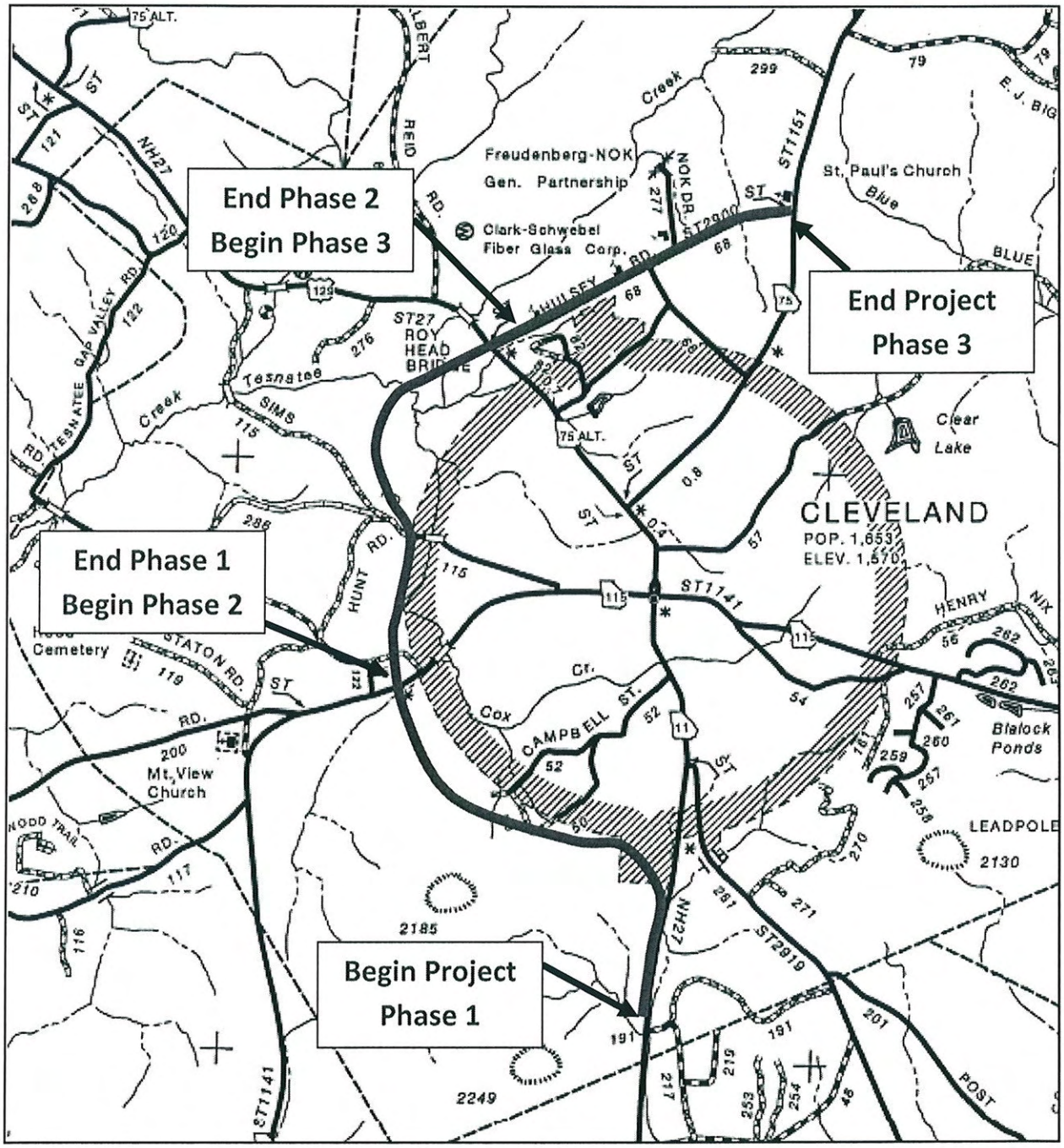
Attachments:

1. Sketch Map,
2. Cost Estimates,
3. Traffic Diagram.

Exempt projects

Concur: _____
Director of Engineering

Approve: _____ Date: _____
Chief Engineer



NH000-0002-07(023)

PI 162390- Phase 1-3

WHITE COUNTY

WEST CLEVELAND BYPASS

JOB ESTIMATE REPORT

JOB NUMBER : 162390_DSGN_P1 SPEC YEAR: 01
DESCRIPTION: ESTIMATE FOR PHASE 1-CLEVELAND BYPASS

ITEMS FOR JOB 162390_DSGN_P1

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - TRAFFIC CONTROL	1.000	275000.00	275000.00
0010	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	76037.40	76037.41
0015	201-1500		LS	CLEARING & GRUBBING - CLEARING & GRUBBING	1.000	934960.00	934960.00
0020	205-0001		CY	UNCLASS EXCAV	1282080.000	4.55	5842656.51
0025	310-1101		TN	GR AGGR BASE CRS, INCL MATL	68611.000	22.99	1578029.67
0030	318-3000		TN	AGGR SURF CRS	5000.000	18.18	90909.05
0035	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	7298.000	70.88	517314.13
0040	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	2604.000	75.38	196309.08
0045	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	3471.000	78.28	271732.51
0050	413-1000		GL	BITUM TACK COAT	6984.000	2.34	16375.66
0055	430-0190		SY	PLN PC CONC PVMT/CL1C/ 9" TK	72705.000	28.28	2056097.40
0060	441-0104		SY	CONC SIDEWALK, 4 IN	35.000	96.52	3378.30
0065	441-0754		SY	CONC MEDIAN, 7 1/2 IN	610.000	75.62	46131.70
0070	441-3999		LF	CONCRETE V GUTTER	144.000	22.95	3304.99
0075	441-5002		LF	CONC HEADER CURB, 6", TP 2	300.000	33.02	9908.52
0080	441-6022		LF	CONC CURB & GUTTER, 6"X30"TP2	654.000	26.97	17638.47
0085	446-1100		LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	400.000	10.74	4299.32
0090	456-2012		GLM	INTENT. RUMB. STRIPS - GRND-IN-PL (CONT)	4.000	1199.67	4798.68
0095	620-0100		LF	TEMP BARRIER, METHOD NO. 1	2000.000	40.49	80999.48
0100	621-6204		LF	CONC SIDE BARRIER, TP 2-SD	280.000	900.00	252000.00
0105	634-1200		EA	RIGHT OF WAY MARKERS	124.000	96.90	12015.92
0110	641-1200		LF	GUARDRAIL, TP W	10181.000	13.83	140814.73
0115	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	13.000	613.58	7976.66
0120	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	12.000	1839.93	22079.24
0125	643-8200		LF	BARRIER FENCE (ORANGE), 4 FT	2200.000	3.60	7924.86
0130	207-0203		CY	FOUND BKFILL MATL, TP II	527.000	47.55	25063.31
0135	500-3101		CY	CLASS A CONCRETE	417.000	860.58	358864.59
0140	500-3800		CY	CL A CONC, INCL REINF STEEL	92.000	1061.90	97695.22
0145	501-2100		LB	STR STEEL, SWAYBRACING	56779.000	3.12	177257.22
0150	550-1180		LF	STM DR PIPE 18",H 1-10	560.000	46.52	26052.42
0155	550-1181		LF	STM DR PIPE 18",H 10-15	107.000	49.76	5324.55
0160	550-1182		LF	STM DR PIPE 18",H 15-20	84.000	67.66	5683.88
0165	550-1183		LF	STM DR PIPE 18",H 20-25	107.000	33.74	3610.79
0170	550-1185		LF	STM DR PIPE 18",H 30-35	110.000	85.00	9350.00
0175	550-1241		LF	STM DR PIPE 24",H 10-15	476.000	23.67	11267.45
0180	550-1242		LF	STM DR PIPE 24",H 15-20	391.000	61.16	23915.95
0185	550-1300		LF	STM DR PIPE 30",H 1-10	56.000	85.43	4784.27
0190	550-1360		LF	STM DR PIPE 36",H 1-10	332.000	87.61	29088.70
0195	550-1364		LF	STM DR PIPE 36",H 25-30	397.000	93.65	37181.27
0200	550-1365		LF	STM DR PIPE 36",H 30-35	442.000	175.00	77350.00
0205	550-1367		LF	STM DR PIPE 36",H 40-50	346.000	102.52	35471.92
0210	550-1487		LF	STM DR PIPE 48",H 40-50	778.000	169.54	131902.12

JOB ESTIMATE REPORT

0215	550-1607	LF	STM DR PIPE 60",H 40-50	800.000	400.00	320000.00
0220	550-1721	LF	STM DR PIPE 72",H 10-15	119.000	300.00	35700.00
0225	550-2180	LF	SIDE DR PIPE 18",H 1-10	602.000	34.73	20908.42
0230	550-2182	LF	SIDE DR PIPE 18",H 15-20	186.000	41.96	7804.56
0235	550-2360	LF	SIDE DR PIPE 36",H 1-10	421.000	59.11	24889.27
0240	550-3318	EA	SAFETY END SECTION 18",STD,4:1	6.000	724.55	4347.33
0245	550-3336	EA	SAFETY END SECTION 36",STD,4:1	16.000	1916.11	30657.83
0250	550-4118	EA	FLARED END SECT 18 IN, SIDE DR	20.000	398.81	7976.28
0255	550-4218	EA	FLARED END SECT 18 IN, ST DR	4.000	663.27	2653.10
0260	550-4224	EA	FLARED END SECT 24 IN, ST DR	2.000	752.66	1505.32
0265	550-4236	EA	FLARED END SECT 36 IN, ST DR	8.000	1138.06	9104.50
0270	668-2100	EA	DROP INLET, GP 1	10.000	1709.22	17092.24
0275	668-2110	LF	DROP INLET, GP 1, ADDL DEPTH	11.000	245.18	2697.09
0280	668-2200	EA	DROP INLET, GP 2	1.000	3501.44	3501.44
0285	668-5000	EA	JUNCTION BOX	2.000	1914.94	3829.89
0290	668-8011	SF	SAFETY GRATE, TP 1	105.000	42.79	4493.48
0295	668-8012	SF	SAFETY GRATE, TP 2	79.000	25.02	1977.03
0300	668-8013	SF	SAFETY GRATE, TP 3	210.000	43.68	9174.23
0305	163-0232	AC	TEMPORARY GRASSING	47.000	489.75	23018.30
0310	163-0240	TN	MULCH	93.000	258.14	24007.73
0315	163-0300	EA	CONSTRUCTION EXIT	12.000	2051.98	24623.79
0320	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	19.000	544.40	10343.74
0325	163-0504	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 4	11.000	425.00	4675.00
0330	163-0520	LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	2624.000	18.49	48526.39
0335	163-0522	EA	CONSTR AND REM TEMP DCH CK - TP A SLT FN	78.000	102.10	7964.58
0340	163-0523	EA	CONSTR AND REM TEMP DCH CK - TP C SLT FN	138.000	141.65	19548.13
0345	163-0531	EA	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO- CONSTR & REM SEDIMENT BASIN, TP 1 STA #	3.000	7759.33	23277.99
0350	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	16.000	269.63	4314.14
0355	165-0010	LF	MAINT OF TEMP SILT FENCE, TP A	5337.000	0.99	5285.28
0360	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	5828.000	1.37	8003.24
0365	165-0040	EA	MAINT OF EROSION CTRL CHKDAMS/DITCH CHKS	216.000	88.36	19087.29
0370	165-0060	EA	MAINT OF TEMP SEDIMENT BASIN,STA NO -	3.000	1665.05	4995.16
0375	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	19.000	126.30	2399.77
0380	165-0101	EA	MAINT OF CONST EXIT	12.000	536.77	6441.36
0385	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	16.000	108.47	1735.67
0390	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	2.000	1434.41	2868.82
0395	167-1500	MO	WATER QUALITY INSPECTIONS	24.000	1282.79	30787.10
0400	171-0010	LF	TEMPORARY SILT FENCE, TYPE A	5337.000	2.18	11652.22
0405	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	5828.000	3.12	18234.36
0410	603-2180	SY	STN DUMPED RIP RAP, TP 3, 12"	877.000	38.92	34140.27
0415	603-7000	SY	PLASTIC FILTER FABRIC	877.000	6.53	5726.87
0420	700-6910	AC	PERMANENT GRASSING	47.000	854.05	40140.40
0425	700-7000	TN	AGRICULTURAL LIME	93.000	57.81	5376.76
0430	700-7010	GL	LIQUID LIME	117.000	18.42	2155.86

JOB ESTIMATE REPORT

0435	700-8000	TN	FERTILIZER MIXED GRADE	28.000	327.08	9158.30
0440	700-8100	LB	FERTILIZER NITROGEN CONTENT	2335.000	2.38	5565.73
0445	710-9000	SY	PERM SOIL REINFORCING MAT	11225.000	3.42	38500.40
0450	715-2200	SY	BITUM TRTD ROVING, WATERWAYS	2453.000	1.99	4883.73
0455	716-2000	SY	EROSION CONTROL MATS, SLOPES	226068.000	0.98	222261.01
0460	636-1033	SF	HWY SIGNS, TP1MAT,REFL SH TP 9	590.000	20.95	12362.23
0465	636-2070	LF	GALV STEEL POSTS, TP 7	718.000	9.49	6818.59
0470	636-2080	LF	GALV STEEL POSTS, TP 8	64.000	10.85	694.76
0475	652-5701	LF	SOLID TRAF STRIPE, 24", WHITE	312.000	2.04	637.75
0480	652-5801	LF	SOLID TRAF STRIPE, 8 IN, WHITE	2808.000	1.15	3243.13
0485	652-9001	SY	TRAFFIC STRIPE, WHITE	7066.000	2.00	14154.82
0490	652-9002	SY	TRAFFIC STRIPE, YELLOW	5224.000	0.73	3864.19
0495	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	75.000	75.99	5699.51
0500	653-0170	EA	THERM PVMT MARK, ARROW, TP 7	14.000	91.40	1279.63
0505	647-1000	LS	TRAF SIGNAL INSTALLATION NO - TRAFFIC SIGNAL STA #	1.000	82500.00	82500.00
0510	647-1000	LS	TRAF SIGNAL INSTALLATION NO - TRAFFIC SIGNAL STA#	1.000	82500.00	82500.00
0515	647-1000	LS	TRAF SIGNAL INSTALLATION NO - TRAFFIC SIGNAL STA#	1.000	82500.00	82500.00

ITEM TOTAL	15002822.01
INFLATED ITEM TOTAL	15002822.01

TOTALS FOR JOB 162390_DSGN_P1

ESTIMATED COST:	15002821.96
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	15002821.96

Date 3/12/2010

P.I. Number 162390 County WHITE

Project Number NH000-0002-07(023)- PHASE 1

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX)*

ENTER FPL DIESEL	2.814
ENTER FPM DIESEL	6.332

ENTER FPL UNLEADED	2.647
ENTER FPM UNLEADED	5.95575

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)**	1282080.000	0.29	371803.20	0.15	192312.00	
Excavations paid as specified by Sections 206 **(CUBIC YARD)**		0.29		0.15		
GAB paid as specified by the ton under Section 310 **(TON)**	68611.000	0.29	19897.19	0.24	16466.64	
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)**	13373.000	2.90	38781.70	0.71	9494.83	25 mm + 19 mm + 12.5 mm
PCC Pavement paid as specified by the square yard under Section 430 **(SY)**	72705.000	0.25	18176.25	0.20	14541.00	

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	417.00	860.58	358.8619	8.00	2870.89	1.50	538.29	Class A Concrete
Class __Concrete (CY) Section 500	92.00	1,061.90	97.6948	8.00	781.56	1.50	146.54	Class A Concrete, Incl Reinf Steel
Class __Concrete (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		
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	56779.00	3.12	177.1505	8.00	1417.20	1.50	265.73	Str Steel, Swaybracing
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				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		
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 QF DIESEL=	**453728.00**	**SUM QF UNLEADED=**	**233765.03**

DIESEL PRICE ADJUSTMENT($)	**$1,468,309.17**
UNLEADED PRICE ADJUSTMENT($)	**$711,592.44**

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 494 **ENTER APM** 1111.5

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000		6984	29.9970	

TMT = 29.9970

PRICE ADJUSTMENT($)	$17,782.21

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL 494 **ENTER APM** 1111.5

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
402-3121	25 mm SP	7298	5.00	364.90	
402-3130	12.5 mm SP	2604	5.00	130.20	
402-3190	19 mm SP	3471	5.00	173.55	
			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 =	668.65	

PRICE ADJUSTMENT($)	$396,375.72

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 494 ENTER APM 1111.5

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($)	$1,468,309.17
UNLEADED PRICE ADJUSTMENT($)	$711,592.44
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	$17,782.21
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	$396,375.72
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:

TOTAL ADJUSTMENTS	$2,594,059.54

DWM 10/08

JOB ESTIMATE REPORT

JOB NUMBER : 162390_DSGN_P2 SPEC YEAR: 01
DESCRIPTION: ESTIMATE FOR PHASE 2-CLEVELAND BYPASS

ITEMS FOR JOB 162390_DSGN_P2

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - TRAFFIC CONTROL	1.000	275000.00	275000.00
0010	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	76037.40	76037.41
0015	201-1500		LS	CLEARING & GRUBBING - CLEARING & GRUBBING	1.000	833333.00	833333.00
0020	205-0001		CY	UNCLASS EXCAV	465872.000	6.54	3049169.51
0025	310-1101		TN	GR AGGR BASE CRS, INCL MATL	43810.000	23.17	1015385.68
0030	318-3000		TN	AGGR SURF CRS	3500.000	18.67	65345.14
0035	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	4273.000	72.03	307809.10
0040	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	1615.000	77.60	125339.49
0045	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	2154.000	79.38	170988.78
0050	413-1000		GL	BITUM TACK COAT	4210.000	2.39	10083.50
0055	430-0190		SY	PLN PC CONC PVMT/CL1C/ 9" TK	48934.000	28.28	1383853.52
0060	446-1100		LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	200.000	12.09	2419.17
0065	456-2012		GLM	INTENT. RUMB. STRIPS - GRND-IN-PL (CONT)	3.000	1365.89	4097.68
0070	620-0100		LF	TEMP BARRIER, METHOD NO. 1	800.000	43.43	34746.25
0075	634-1200		EA	RIGHT OF WAY MARKERS	92.000	98.59	9070.70
0080	641-1100		LF	GUARDRAIL, TP T	346.000	51.36	17770.84
0085	641-1200		LF	GUARDRAIL, TP W	8315.000	13.97	116200.63
0090	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	10.000	647.36	6473.65
0095	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	23.000	1824.27	41958.29
0100	643-8200		LF	BARRIER FENCE (ORANGE), 4 FT	2400.000	3.57	8573.09
0105	433-1000		SY	REINF CONC APPROACH SLAB	1677.000	167.94	281644.60
0110	543-9000		LS	CONSTR OF BRIDGE COMPLETE - CONST OF BRIDGE #1	1.000	2542500.00	2542500.00
0115	543-9000		LS	CONSTR OF BRIDGE COMPLETE - CONST OF BRIDGE #2	1.000	2012175.00	2012175.00
0120	543-9000		LS	CONSTR OF BRIDGE COMPLETE - CONST OF BRIDGE #3	1.000	2673000.00	2673000.00
0125	207-0203		CY	FOUND BKFILL MATL, TP II	384.000	48.13	18485.11
0130	500-3101		CY	CLASS A CONCRETE	330.000	860.58	283993.56
0135	500-3800		CY	CL A CONC, INCL REINF STEEL	38.000	971.48	36916.32
0140	501-2100		LB	STR STEEL, SWAYBRACING	43401.000	3.12	135492.71
0145	550-1180		LF	STM DR PIPE 18",H 1-10	928.000	46.50	43159.79
0150	550-1181		LF	STM DR PIPE 18",H 10-15	627.000	49.76	31200.87
0155	550-1240		LF	STM DR PIPE 24",H 1-10	45.000	57.60	2592.27
0160	550-1360		LF	STM DR PIPE 36",H 1-10	25.000	97.73	2443.37
0165	550-1365		LF	STM DR PIPE 36",H 30-35	237.000	175.00	41475.00
0170	550-1480		LF	STM DR PIPE 48",H 1-10	64.000	126.08	8069.41
0175	550-1481		LF	STM DR PIPE 48",H 10-15	292.000	117.42	34287.50
0180	550-1604		LF	STM DR PIPE 60",H 25-30	291.000	322.00	93702.00
0185	550-2180		LF	SIDE DR PIPE 18",H 1-10	273.000	35.99	9825.46
0190	550-2240		LF	SIDE DR PIPE 24",H 1-10	107.000	32.86	3516.35
0195	550-3318		EA	SAFETY END SECTION 18",STD,4:1	4.000	729.02	2916.09

JOB ESTIMATE REPORT

0200	550-4118	EA	FLARED END SECT 18 IN, SIDE DR	8.000	428.16	3425.29
0205	550-4218	EA	FLARED END SECT 18 IN, ST DR	10.000	720.52	7205.29
0210	550-4224	EA	FLARED END SECT 24 IN, ST DR	5.000	782.64	3913.23
0215	550-4236	EA	FLARED END SECT 36 IN, ST DR	2.000	1249.79	2499.58
0220	610-9099	LS	REM WINGWALLS/PARAPETS, STA - REM WINGWALLS/PARAPETS, STA 53+68.50	1.000	10000.00	10000.00
0225	668-2100	EA	DROP INLET, GP 1	8.000	1709.22	13673.79
0230	668-2200	EA	DROP INLET, GP 2	6.000	3501.44	21008.65
0235	668-2210	LF	DROP INLET, GP 2, ADDL DEPTH	5.000	254.70	1273.51
0240	668-8011	SF	SAFETY GRATE, TP 1	96.000	43.21	4148.94
0245	668-8014	SF	SAFETY GRATE, TP 4	72.000	41.39	2980.79
0250	163-0232	AC	TEMPORARY GRASSING	42.000	494.77	20780.45
0255	163-0240	TN	MULCH	83.000	261.45	21701.14
0260	163-0300	EA	CONSTRUCTION EXIT	12.000	2051.98	24623.79
0265	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	11.000	544.40	5988.48
0270	163-0504	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 4	14.000	425.00	5950.00
0275	163-0520	LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	1215.000	18.94	23022.32
0280	163-0522	EA	CONSTR AND REM TEMP DCH CK - TP A SLT FN	124.000	99.33	12317.62
0285	163-0523	EA	CONSTR AND REM TEMP DCH CK - TP C SLT FN	78.000	142.08	11082.96
0290	163-0531	EA	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO- CONST AND REMOVE SEDIMENT BASIN STA#	2.000	7759.33	15518.66
0295	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	16.000	269.63	4314.14
0300	165-0010	LF	MAINT OF TEMP SILT FENCE, TP A	6245.000	0.97	6087.69
0305	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	10582.000	1.28	13583.37
0310	165-0040	EA	MAINT OF EROSION CTRL CHKDAMS/DITCH CHKS	202.000	88.82	17942.67
0315	165-0060	EA	MAINT OF TEMP SEDIMENT BASIN,STA NO -	2.000	1665.05	3330.11
0320	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	11.000	138.95	1528.47
0325	165-0101	EA	MAINT OF CONST EXIT	12.000	536.77	6441.36
0330	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	16.000	108.47	1735.67
0335	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	2.000	1434.41	2868.82
0340	167-1500	MO	WATER QUALITY INSPECTIONS	24.000	1282.79	30787.10
0345	171-0010	LF	TEMPORARY SILT FENCE, TYPE A	6245.000	2.15	13472.78
0350	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	10582.000	3.03	32092.67
0355	603-2180	SY	STN DUMPED RIP RAP, TP 3, 12"	591.000	39.46	23325.51
0360	603-7000	SY	PLASTIC FILTER FABRIC	591.000	6.53	3863.70
0365	700-6910	AC	PERMANENT GRASSING	42.000	854.05	35870.14
0370	700-7000	TN	AGRICULTURAL LIME	83.000	58.26	4835.72
0375	700-7010	GL	LIQUID LIME	104.000	18.61	1935.74
0380	700-8000	TN	FERTILIZER MIXED GRADE	25.000	328.88	8222.20
0385	700-8100	LB	FERTILIZER NITROGEN CONTENT	2078.000	2.40	4990.63
0390	710-9000	SY	PERM SOIL REINFORCING MAT	9200.000	3.45	31763.74
0395	715-2200	SY	BITUM TRTD ROVING, WATERWAYS	1504.000	2.02	3052.25
0400	716-2000	SY	EROSION CONTROL MATS, SLOPES	201117.000	0.99	199224.49
0405	636-1033	SF	HWY SIGNS, TP1MAT,REFL SH TP 9	535.000	21.05	11265.32
0410	636-2070	LF	GALV STEEL POSTS, TP 7	621.000	9.56	5938.57

JOB ESTIMATE REPORT

0415	636-2080	LF	GALV STEEL POSTS, TP 8	228.000	10.11	2305.48
0420	636-2090	LF	GALV STEEL POSTS, TP 9	51.000	12.63	644.16
0425	652-5701	LF	SOLID TRAF STRIPE, 24", WHITE	267.000	2.05	548.96
0430	652-5801	LF	SOLID TRAF STRIPE, 8 IN, WHITE	2184.000	1.15	2522.43
0435	652-9001	SY	TRAFFIC STRIPE, WHITE	4230.000	2.00	8473.66
0440	652-9002	SY	TRAFFIC STRIPE, YELLOW	1172.000	0.91	1071.41
0445	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	57.000	76.56	4364.11
0450	647-1000	LS	TRAF SIGNAL INSTALLATION NO - TRAFFIC INSTALLATION #4	1.000	82500.00	82500.00

ITEM TOTAL	16593068.44
INFLATED ITEM TOTAL	16593068.44

TOTALS FOR JOB 162390_DSGN_P2

ESTIMATED COST:	16593068.40
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	16593068.40

Date 3/12/2010

P.I. Number 162390 County WHITE

Project Number NH000-0002-07(023)- PHASE 2

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX)*

ENTER FPL DIESEL	2.814
ENTER FPM DIESEL	6.332

ENTER FPL UNLEADED	2.647
ENTER FPM UNLEADED	5.95575

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)**	465872.000	0.29	135102.88	0.15	69880.80	
Excavations paid as specified by Sections 206 **(CUBIC YARD)**		0.29		0.15		
GAB paid as specified by the ton under Section 310 **(TON)**	43810.000	0.29	12704.90	0.24	10514.40	
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)**	8042.000	2.90	23321.80	0.71	5709.82	25 mm + 19 mm + 12.5 mm
PCC Pavement paid as specified by the square yard under Section 430 **(SY)**	48934.000	0.25	12233.50	0.20	9786.80	

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	330.00	860.58	283.9914	8.00	2271.93	1.50	425.99	Class A Concrete
Class __Concrete (CY) Section 500	38.00	971.48	36.9162	8.00	295.33	1.50	55.37	Class A Concrete, Incl Reinf Steel
Class __Concrete (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		
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	43401.00	3.12	135.4111	8.00	1083.29	1.50	203.12	Str Steel, Swaybracing
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				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		
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 QF DIESEL=	**187013.63**	**SUM QF UNLEADED=**	**96576.30**

DIESEL PRICE ADJUSTMENT($)	**$605,194.81**
UNLEADED PRICE ADJUSTMENT($)	**$293,983.08**

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 494 **ENTER APM** 1111.5

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000		4210	18.0824	

TMT = 18.0824

PRICE ADJUSTMENT($)	$10,719.23

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL 494 **ENTER APM** 1111.5

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
402-3121	25 mm SP	4273	5.00	213.65	
402-3130	12.5 mm SP	1615	5.00	80.75	
402-3190	19 mm SP	2154	5.00	107.70	
			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 =	402.10	

PRICE ADJUSTMENT($)	$238,364.88

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 494 ENTER APM 1111.5

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($)	$605,194.81
UNLEADED PRICE ADJUSTMENT($)	$293,983.08
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	$10,719.23
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	$238,364.88
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:

TOTAL ADJUSTMENTS	$1,148,262.00

DWM 10/08

JOB ESTIMATE REPORT

JOB NUMBER : 162390_DSGN_P3 SPEC YEAR: 01
DESCRIPTION: ESTIMATE FOR PHASE 3-CLEVELAND BYPASS

ITEMS FOR JOB 162390_DSGN_P3

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - TRAFFIC CONTROL	1.000	275000.00	275000.00
0010	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	96773.31	96773.32
0015	201-1500		LS	CLEARING & GRUBBING - CLEARING & GRUBBING	1.000	264228.00	264228.00
0020	205-0001		CY	UNCLASS EXCAV	131113.000	10.29	1350410.14
0025	310-1101		TN	GR AGGR BASE CRS, INCL MATL	32547.000	19.31	628495.26
0030	318-3000		TN	AGGR SURF CRS	1500.000	21.83	32759.91
0035	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	295.000	78.07	23031.26
0040	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	154.000	95.62	14726.25
0045	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	206.000	87.29	17983.31
0050	413-1000		GL	BITUM TACK COAT	1856.000	2.49	4637.88
0055	430-0190		SY	PLN PC CONC PVMT/CL1C/ 9" TK	48247.000	28.28	1364425.16
0060	441-0104		SY	CONC SIDEWALK, 4 IN	133.000	60.99	8112.86
0065	441-0754		SY	CONC MEDIAN, 7 1/2 IN	349.000	76.44	26680.14
0070	441-5002		LF	CONC HEADER CURB, 6", TP 2	200.000	20.07	4015.39
0075	441-6022		LF	CONC CURB & GUTTER, 6"X30"TP2	365.000	22.44	8192.91
0080	446-1100		LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	200.000	12.09	2419.58
0085	456-2012		GLM	INTENT. RUMB. STRIPS - GRND-IN-PL (CONT)	3.000	1036.19	3108.58
0090	620-0100		LF	TEMP BARRIER, METHOD NO. 1	7000.000	35.50	248534.58
0095	634-1200		EA	RIGHT OF WAY MARKERS	47.000	102.50	4817.56
0100	641-1200		LF	GUARDRAIL, TP W	1490.000	15.52	23136.09
0105	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	6.000	647.36	3884.19
0110	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	6.000	1837.95	11027.74
0115	643-8200		LF	BARRIER FENCE (ORANGE), 4 FT	2800.000	4.51	12632.17
0120	207-0203		CY	FOUND BKFILL MATL, TP II	333.000	45.87	15276.37
0125	500-3800		CY	CL A CONC, INCL REINF STEEL	66.000	1061.90	70085.70
0130	550-1362		LF	STM DR PIPE 36",H 15-20	204.000	55.43	11309.56
0135	550-1480		LF	STM DR PIPE 48",H 1-10	464.000	102.81	47705.84
0140	550-1600		LF	STM DR PIPE 60",H 1-10	108.000	163.51	17659.40
0145	550-1724		LF	STM DR PIPE 72",H 25-30	192.000	500.00	96000.00
0150	550-2180		LF	SIDE DR PIPE 18",H 1-10	750.000	47.21	35407.58
0155	550-3318		EA	SAFETY END SECTION 18",STD,4:1	4.000	729.03	2916.15
0160	550-4118		EA	FLARED END SECT 18 IN, SIDE DR	26.000	390.78	10160.47
0165	550-4236		EA	FLARED END SECT 36 IN, ST DR	2.000	1257.47	2514.95
0170	668-8013		SF	SAFETY GRATE, TP 3	216.000	43.40	9375.37
0175	668-8014		SF	SAFETY GRATE, TP 4	326.000	41.39	13496.36
0180	163-0232		AC	TEMPORARY GRASSING	13.000	550.29	7153.84
0185	163-0240		TN	MULCH	25.000	299.07	7476.95
0190	163-0300		EA	CONSTRUCTION EXIT	4.000	1813.68	7254.72
0195	163-0503		EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	7.000	544.40	3810.85
0200	163-0520		LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	135.000	25.05	3382.29

JOB ESTIMATE REPORT

0205	163-0531	EA	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO- CONST & REM SEDIMENT BASIN, TP1 STA#	1.000	7759.33	7759.33
0210	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	1779.000	1.57	2794.03
0215	165-0060	EA	MAINT OF TEMP SEDIMENT BASIN,STA NO -	1.000	1665.05	1665.05
0220	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	7.000	150.36	1052.55
0225	165-0101	EA	MAINT OF CONST EXIT	4.000	546.98	2187.95
0230	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	2.000	1434.41	2868.82
0235	167-1500	MO	WATER QUALITY INSPECTIONS	18.000	1147.79	20660.25
0240	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	1779.000	2.72	4839.75
0245	603-2180	SY	STN DUMPED RIP RAP, TP 3, 12"	318.000	32.13	10218.88
0250	603-7000	SY	PLASTIC FILTER FABRIC	318.000	5.80	1846.51
0255	700-6910	AC	PERMANENT GRASSING	13.000	950.94	12362.33
0260	700-7000	TN	AGRICULTURAL LIME	25.000	76.04	1901.01
0265	700-7010	GL	LIQUID LIME	32.000	21.38	684.31
0270	700-8000	TN	FERTILIZER MIXED GRADE	8.000	347.60	2780.84
0275	700-8100	LB	FERTILIZER NITROGEN CONTENT	632.000	2.61	1651.70
0280	710-9000	SY	PERM SOIL REINFORCING MAT	3739.000	3.55	13296.93
0285	715-2200	SY	BITUM TRTD ROVING, WATERWAYS	871.000	2.07	1806.04
0290	716-2000	SY	EROSION CONTROL MATS, SLOPES	61190.000	1.06	65442.09
0295	636-1033	SF	HWY SIGNS, TP1MAT,REFL SH TP 9	270.000	19.10	5159.03
0300	636-2070	LF	GALV STEEL POSTS, TP 7	220.000	9.30	2048.00
0305	636-2080	LF	GALV STEEL POSTS, TP 8	74.000	9.76	722.64
0310	636-2090	LF	GALV STEEL POSTS, TP 9	85.000	11.81	1004.31
0315	652-5701	LF	SOLID TRAF STRIPE, 24", WHITE	72.000	2.19	158.11
0320	652-5801	LF	SOLID TRAF STRIPE, 8 IN, WHITE	572.000	1.15	660.64
0325	652-9001	SY	TRAFFIC STRIPE, WHITE	605.000	2.06	1246.94
0330	652-9002	SY	TRAFFIC STRIPE, YELLOW	359.000	1.08	387.90
0335	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	49.000	69.79	3420.04
0340	647-1000	LS	TRAF SIGNAL INSTALLATION NO - TRAFFIC SIGNAL #5	1.000	82500.00	82500.00

ITEM TOTAL	5043144.71
INFLATED ITEM TOTAL	5043144.71

TOTALS FOR JOB 162390_DSGN_P3

ESTIMATED COST:	5043144.66
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	5043144.66

Date 3/12/2010

P.I. Number 162390 County WHITE

Project Number NH000-0002-07(023)- PHASE 3

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX)*

ENTER FPL DIESEL	2.814
ENTER FPM DIESEL	6.332

ENTER FPL UNLEADED	2.647
ENTER FPM UNLEADED	5.95575

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)**	131113.000	0.29	38022.77	0.15	19666.95	
Excavations paid as specified by Sections 206 **(CUBIC YARD)**		0.29		0.15		
GAB paid as specified by the ton under Section 310 **(TON)**	32547.000	0.29	9438.63	0.24	7811.28	
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)**	655.000	2.90	1899.50	0.71	465.05	25 mm + 19 mm + 12.5 mm
PCC Pavement paid as specified by the square yard under Section 430 **(SY)**	48247.000	0.25	12061.75	0.20	9649.40	

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	66.00	1,061.90	70.0854	8.00	560.68	1.50	105.13	Class A Concrete, Incl Reinf Steel
Class __Concrete (CY) Section 500				8.00		1.50		
Class __Concrete (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		
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				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		
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 QF DIESEL=	**61983.33**	**SUM QF UNLEADED=**	**37697.81**

DIESEL PRICE ADJUSTMENT($)	**$200,584.26**
UNLEADED PRICE ADJUSTMENT($)	**$114,754.01**

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 494 **ENTER APM** 1111.5

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000		1856	7.9717	

TMT = 7.9717

PRICE ADJUSTMENT($)	$4,725.63

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL 494 **ENTER APM** 1111.5

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
402-3121	25 mm SP	295	5.00	14.75	
402-3130	12.5 mm SP	154	5.00	7.70	
402-3190	19 mm SP	206	5.00	10.30	
			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 =	32.75	

PRICE ADJUSTMENT($)	$19,414.20

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 494 ENTER APM 1111.5

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($)	$200,584.26
UNLEADED PRICE ADJUSTMENT($)	$114,754.01
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	$4,725.63
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	$19,414.20
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:

TOTAL ADJUSTMENTS	$339,478.10

DWM 10/08

DETAIL COST ESTIMATE SUMMARY SHEET

DATE: January 13, 2010 P.I. #: 162390
PROJECT: NH-002-7(23) COUNTY: White PARCELS: 140
PROJECT DESCRIPTION: Cleveland West Bypass from Hwy. 129S to Hwy. 115W

1. LAND: (Total area and cost by category)		
Right of Way: 169.268 acres		
Permanent and Temporary Easement: 1,100.774 acres		
Total		**$ 11,615,000**
2. IMPROVEMENTS:		
Main Structures & Site Improvements		
Total		**$ 1,192,730**
3. Damages:		
Damages to Land and Structures		**$ 1,369,434**
Specialty Costs (Cost to Cures, Trade Fixtures, etc.)		**$ 100,000**
Total		**$ 1,469,434**
4. RELOCATION: (Including Consequential Displacements)		
Businesses (6 Displaced x $15,000):	$ 105,000	
Residential Tenant: (7 Displaced x $20,000):	$ 140,000	
Residential Owner (8 Displaced x $40,000):	$ 320,000	
Total		**$ 565,000**
5. Property Management (Asbestos Removal and Demolition)		
Number of Structures 8 x $25,000/structure	$ 200,000	
Number of signs (not billboards) 10 x $1,500	$ 15,000	
Total		**$ 215,000**
Estimated Cost of Right of Way		**$ 15,057,164**
C/O, Condemnation Increase & Legal Cost (50% of R/W)	$ 7,528,582	
Service Fees and Appraisal Cost (140 Par x $7,500)	$ 1,050,000	
Condemnation Cost (140 Par x 15% x $7,500)	$ 157,500	
Incidentals (140 Par x $2,000)	$ 280,000	
Net Cost		**$ 24,073,246**
Market Appreciation (5% rural, 10% urban)		$ 1,203,662
TOTAL COST		$ 25,276,908
TOTAL COST (ROUNDED)		**$ 25,276,908**

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE NH000-0002-07(023) White, PHASE I
P.I. No. 162390-

OFFICE Gainesville

DATE January 13, 2010

FROM Allen Ferguson
District Utilities Engineer

TO District 1 Design Office
ATTN Justin Lott

SUBJECT PRELIMINARY REIMBURSABLE UTILITY COST (ESTIMATE)

As requested by your office, we are furnishing you with a Preliminary Reimbursable Utility Cost estimate for the subject project.

PRIVATE UTILITIES

FACILITY OWNER	NON - REIMBURSABLE	REIMBURSABLE
Georgia Power-Distribution		$ 150,000.00
Georgia Power-Transmission		$ 725,000.00
Georgia Transmission Corporation	Non-Reimbursable	
Habersham EMC		$ 50,000.00
White County Water Authority	Non-Reimbursable	
Windstream Telephone	Non-Reimbursable	
Windstream CATV	Non-Reimbursable	+
	Total Private Reimbursable	$ 925,000.00

PUBLIC UTILITIES

FACILITY OWNER	NON - REIMBURSABLE	REIMBURSABLE
City of Cleveland Water & Sewer	Non-Reimbursable	$ 0.00
White County Water Authority	Non-Reimbursable	$ + 0.00
	Total Public Reimbursable	$ 0.00

Total Public & Private Reimbursable	$ 925,000.00
30% Utilities Contingency:	$ 277,500.00
Total Reimbursement Cost:	$ 1,202,500.00

Total reimbursable cost for the above project is $ 1,202,500.00

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE NH000-0002-07(023) White, PHASE II
P.I. No. 162390-

OFFICE Gainesville

DATE January 14, 2010

FROM Allen Ferguson
District Utilities Engineer

TO District 1 Design Office
ATTN Justin Lott

SUBJECT PRELIMINARY REIMBURSABLE UTILITY COST (ESTIMATE)

As requested by your office, we are furnishing you with a Preliminary Reimbursable Utility Cost estimate for the subject project.

PRIVATE UTILITIES

FACILITY OWNER	NON - REIMBURSABLE	REIMBURSABLE
Georgia Power-Distribution		$ 100,000.00
Georgia Power-Transmission	Non-Reimbursable	
Habersham EMC		$ 50,000.00
White County Water Authority		$ 6,400.00
Windstream Telephone	Non-Reimbursable	
Windstream CATV	Non-Reimbursable	+
	Total Private Reimbursable	$ 156,400.00

PUBLIC UTILITIES

FACILITY OWNER	NON - REIMBURSABLE	REIMBURSABLE
City of Cleveland Water & Sewer	Non-Reimbursable	$ 0.00
White County Water Authority	Non-Reimbursable	$ + 0.00
	Total Public Reimbursable	$ 0.00

Total Public & Private Reimbursable	$ 156,400.00
30% Utilities Contingency:	$ + 46,920.00
Total Reimbursement Cost:	$ 203,320.00

Total reimbursable cost for the above project is **$ 203,320.00**

If you have any questions, please contact Nathaniel O'Kelley at 770-532-5510.

RAF/HNO

C: Jeff Baker, State Utilities Engineer
Angie Robinson, Office of Financial Management
Charles C. Davis, Area Engineer
File

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE NH000-0002-07(023) White, PHASE III
P.I. No. 162390-

OFFICE Gainesville

DATE January 14, 2010

FROM Allen Ferguson
District Utilities Engineer

TO District 1 Design Office
ATTN Justin Lott

SUBJECT PRELIMINARY REIMBURSABLE UTILITY COST (ESTIMATE)

As requested by your office, we are furnishing you with a Preliminary Reimbursable Utility Cost estimate for the subject project.

PRIVATE UTILITIES

FACILITY OWNER	NON - REIMBURSABLE	REIMBURSABLE
Georgia Power-Distribution		$ 125,000.00
Georgia Power-Transmission		$ 1,725,000.00
Georgia Transmission Corporation	Non-Reimbursable	----------
Habersham EMC	Non-Reimbursable	----------
White County Water Authority	Non-Reimbursable	----------
Windstream Telephone	Non-Reimbursable	----------
Windstream CATV	Non-Reimbursable	+ ----------
	Total Private Reimbursable	$ 1,850,000.00

PUBLIC UTILITIES

FACILITY OWNER	NON - REIMBURSABLE	REIMBURSABLE
City of Cleveland Water & Sewer	Non-Reimbursable	$ 0.00
White County Water Authority	Non-Reimbursable	$ + 0.00
	Total Public Reimbursable	$ 0.00

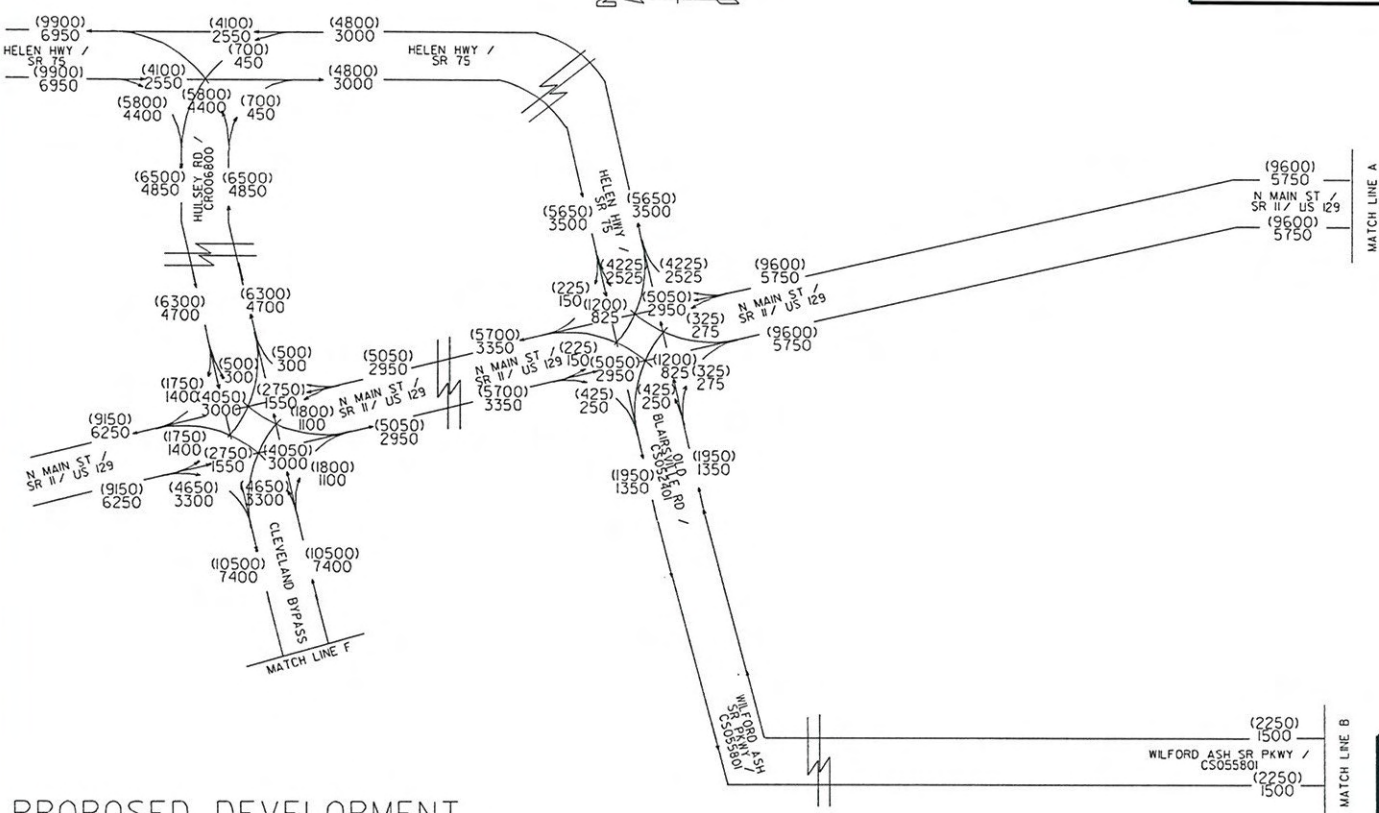
Total Public & Private Reimbursable	$ 1,850,000.00
30% Utilities Contingency:	$ + 555,000.00
Total Reimbursement Cost:	$ 2,405,000.00

Total reimbursable cost for the above project is $ 2,405,000.00

SHEET 1 OF 6

WHITE COUNTY

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF PLANNING



NH000-0002-07(023)
P.I.NO. 162390
WHITE COUNTY
CLEVELAND WEST BYP
FM SR 11 N ON NEW
LOC/HULSEY RD
TO SR 75

2033 ADT = (000)
2013 ADT = 000

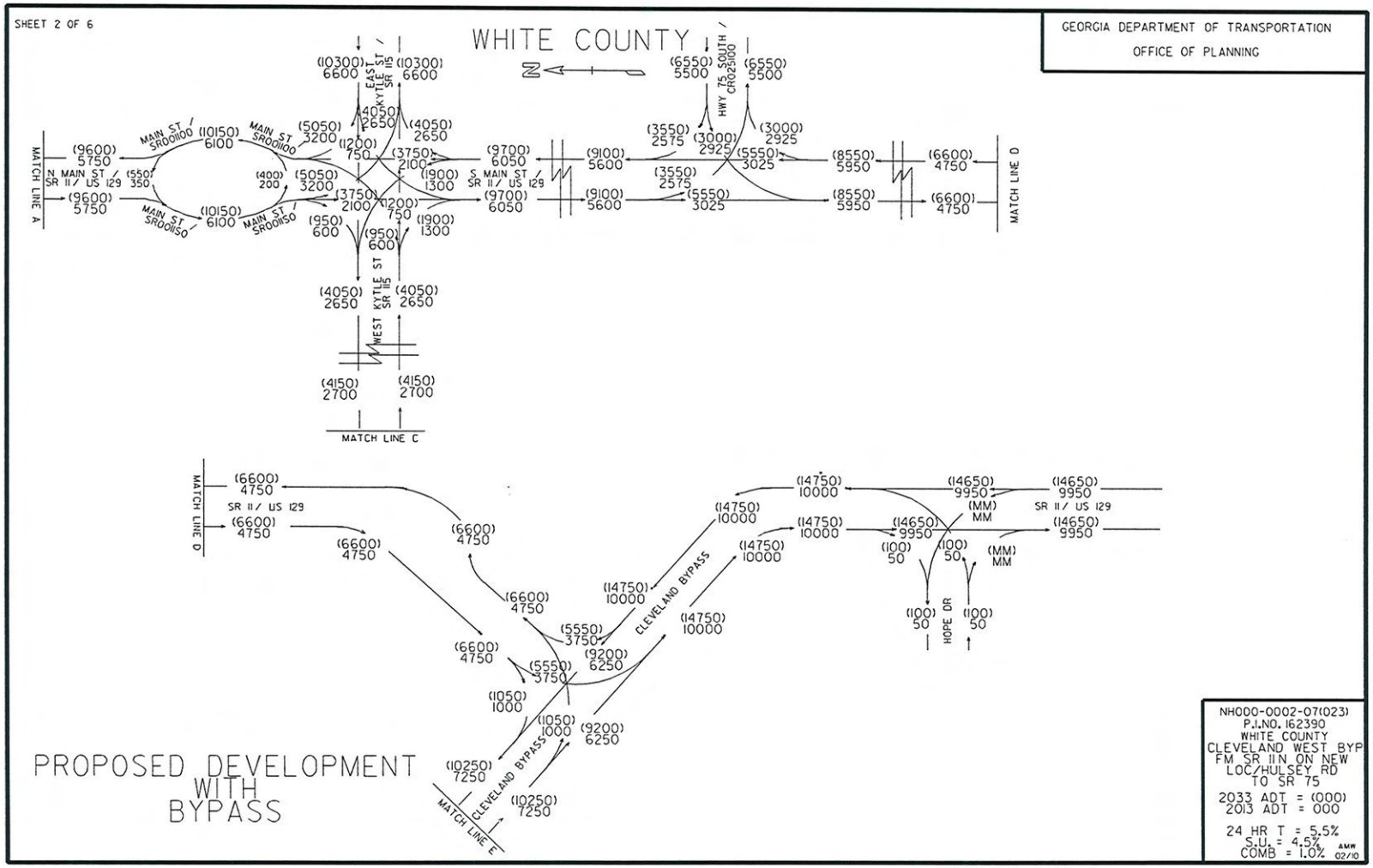
24 HR T = 5.5%
S.U. = 4.5%
COMB = 1.0%

AMW 02/10

PROPOSED DEVELOPMENT WITH BYPASS

SHEET 2 OF 6

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF PLANNING



PROPOSED DEVELOPMENT WITH BYPASS

NH000-0002-07(023)
P.I.NO. 162390
WHITE COUNTY
CLEVELAND WEST BYP
FM SR 11N ON NEW
LOC/HULSEY RD
TO SR 75

2033 ADT = (000)
2013 ADT = 000

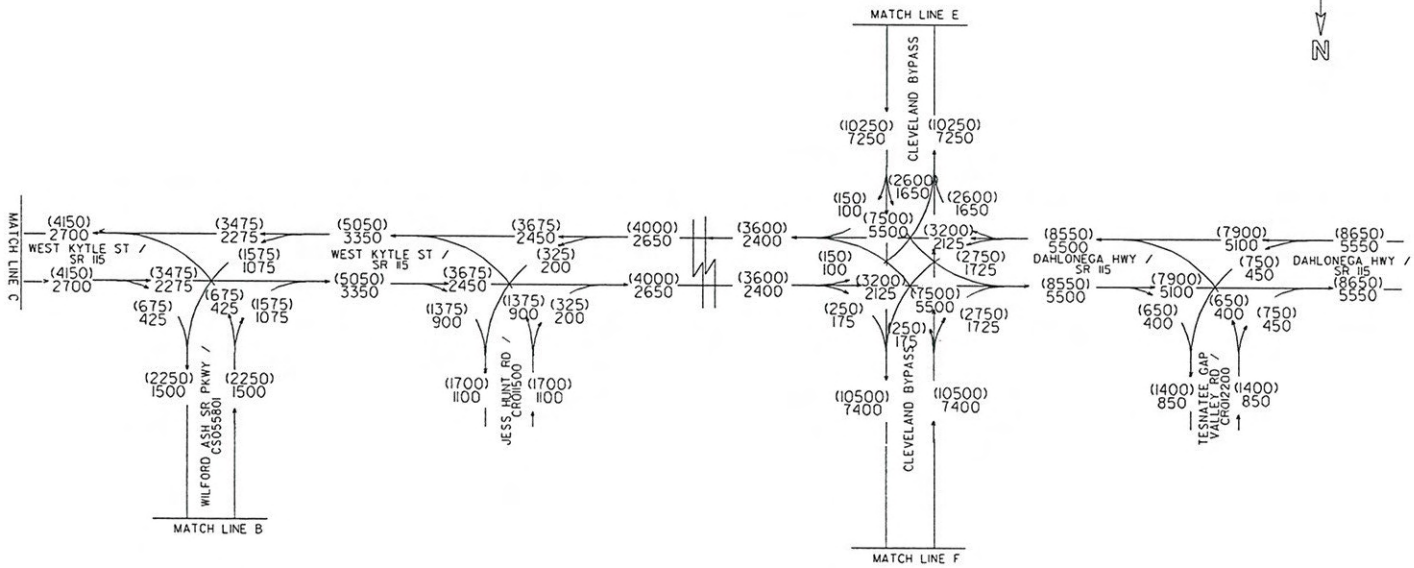
24 HR T = 5.5%
S.U. = 4.5%
COMB = 1.0%

AMW
02/10

SHEET 3 OF 6

WHITE COUNTY

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF PLANNING



PROPOSED DEVELOPMENT
WITH
BYPASS

NH000-0002-07(023)
P.I.NO. 162390
WHITE COUNTY
CLEVELAND WEST BYP
FM SR 11N ON NEW
LOC/HULSEY RD
TO SR 75
2033 ADT = (000)
2013 ADT = 000

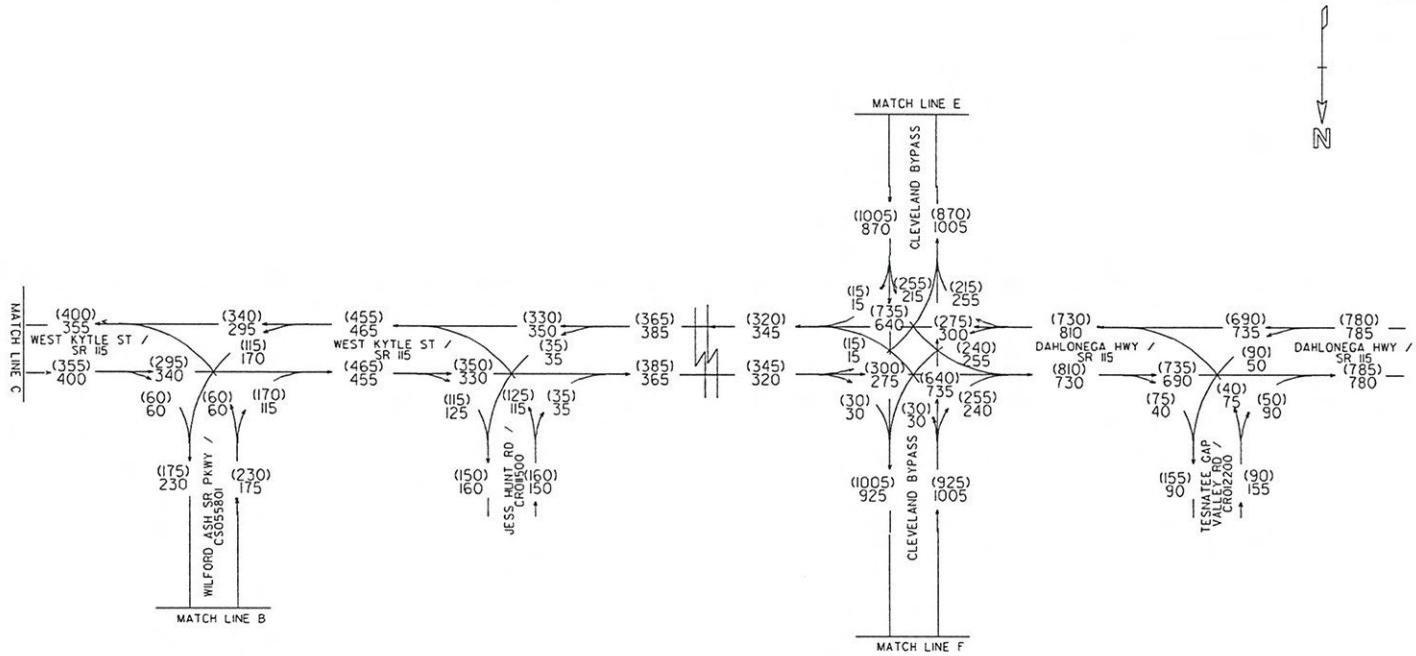
24 HR T = 5.5%
S.U. = 4.5%
COMB = 1.0%

AMW
02/10

SHEET 6 OF 6

WHITE COUNTY

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF PLANNING



PROPOSED DEVELOPMENT
WITH
BYPASS

NH00D-0002-07(023)
P.I.NO. 162390
WHITE COUNTY
CLEVELAND WEST BYP
FM SR 115 ON NEW
LOC/HULSEY RD
TO SR 75

2033 PM DHV = (000)
2033 AM DHV = 000

T = 6.5%

AMW
02/10