ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 210700-, Richmond County
NH000-0520-01(017)
I-520/Bobby Jones Expressway
Widening and Reconstruction

OFFICE Program Control

DATE September 18, 2009

FROM Genetha Rice-Singleton, Program Control Administrator

TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

Attached is the approved Location and Design Report for the above subject project.

Also attached is the Notice of Location and Design Approval. This is the Authorization for the District to proceed with advertisement

Attachment

DISTRIBUTION:

Ron Wishon
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Angela Alexander
Paul Liles
Tony Collins
George Brewer
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 210700-, Richmond County
NH000-0520-01(017)
I-520/Bobby Jones Expressway Widening and Reconstruction

OFFICE District 2

FROM George Brewer, Preconstruction Engineer-District 2

DATE September 8, 2009

TO: Genetha Rice-Singleton, Program Control Administrator

SUBJECT: Request for Location and Design Approval

Description and Project Proposal:

I-520 (Bobby Jones Expressway)
This project involves adding an additional lane in both directions on I-520 (Bobby Jones Expressway) and reconfiguring interchange access at the US 78/278/SR 10 (Gordon Highway) interchange underpass and the US 1/SR 4 (Deans Bridge Road) interchange overpass. Interstate 520 is a local perimeter for the city of Augusta, linking I-20 to US 78 in North Augusta. The proposed widening of I-520 totals 3.4 miles of interstate roadway. The project begins at MP 2.9 where the existing 6 lane section ends west of US 78/278/SR 10 (Gordon Highway) and continues to MP 6.3 east of US 1/SR 4 (Dean's Bridge Road). The proposed project will widen the 4 lane interstate to 6 lanes. Three lanes in each direction will be separated by a 16 foot median with a concrete median barrier wall. The posted speed limit will remain at 55 MPH. The additional lanes will be added to the inside of the existing lanes within the existing 40 foot depressed median. The proposed widening requires the existing I-520 bridge over US 1/SR 4 be widened to the inside.

US78/278 /SR10 (Gordon Highway)
The proposed interchange for US 78/278/SR 10 is a partial cloverleaf/partial diamond interchange to replace the full cloverleaf configuration interchange. Traffic exiting I-520 will utilize a diamond configuration type ramp with dedicated right and left turn lanes controlled by traffic signals on US 78/278/SR 10. Traffic entering I-520 will utilize loop ramps and diamond type ramps with free flow access. The proposed roadway typical section on US 78/278/SR 10 is 8 lanes with a 12 foot raised median and 16 foot urban shoulders with sidewalks. The posted speed will remain at 45 mph.

US1/SR4 (Deans Bridge Road)
The proposed interchange for US 1/SR 4 is a partial cloverleaf/partial diamond interchange to replace the full cloverleaf configuration interchange. Traffic exiting I-520 will utilize a diamond configuration type ramp with dedicated right and left turn lanes controlled by traffic signals on US 1/SR 4. Traffic entering I-520 will utilize loop ramps and diamond type ramps with free flow access. The existing loop ramps will be retained with their current 25 mph design speed, but the

pavement section will be replaced. The proposed roadway typical section on US 1/SR 4 is 6 lanes with a 10 foot raised median and 16 foot urban shoulders with sidewalks. The posted speed will remain at 45 mph.

Concept Approval Date: March 6, 2008

Concept Update: The entrance loop ramps at the US78/278 / SR10 (Gordon Highway) interchange will remain at the current 25 mph design speed to reduce right of way impacts. The existing pavement is in good condition so does not warrant replacement. The typical section on Gordon Highway will remain a rural section to limit right of way impacts and to avoid bridge widening on Gordon Highway over I-520. The existing outside shoulders on the Gordon Highway overpass currently meet the GDOT design guide for multilane rural (undivided) minimum bridge width with TW +16 feet for outside shoulders. All ramp typical sections have been changed to a concrete paving section per VE study recommendations. A Design Exception will be requested for the inside shoulder width on I-520. This will include the inside shoulders for the interstate bridge over US1/ SR4 (Deans Bridge Road) which do not meet TOPPS 4265-2. Design Variances have been requested for median widths on Gordon Highway and Deans Bridge Road and for the lane widths on Deans Bridge Road.

Environmental Assessment and Reassessment Approval Date: May 1, 2009

Public Involvement: October 23, 2008

- Public Information Open House
    - The PIOH was held at the Glenn Hill High School in Augusta, Georgia. 14 written responses were received of which 13 responses were for the project, and 1 response was uncommitted. The comments from the public are listed and addressed below.

1. Add street lighting at the two interchanges and along I-520. Use metal sound barriers that match the existing sound barriers on Gordon Highway.

   Street lights are not a part of this project and might be addressed in a future project. The sound barrier type will be considered and will match either the existing walls on I-20 which are painted concrete panels with a stone pattern, or the metal walls on Gordon Highway.

2. GDOT should perform a traffic light study on Deans Bridge Road.

   The signal timing/traffic light study is part of this project. The signals that will be added at the exit ramps will be interconnected with the adjacent signal just outside of the project limits.

Consistency with Approved Planning:
The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

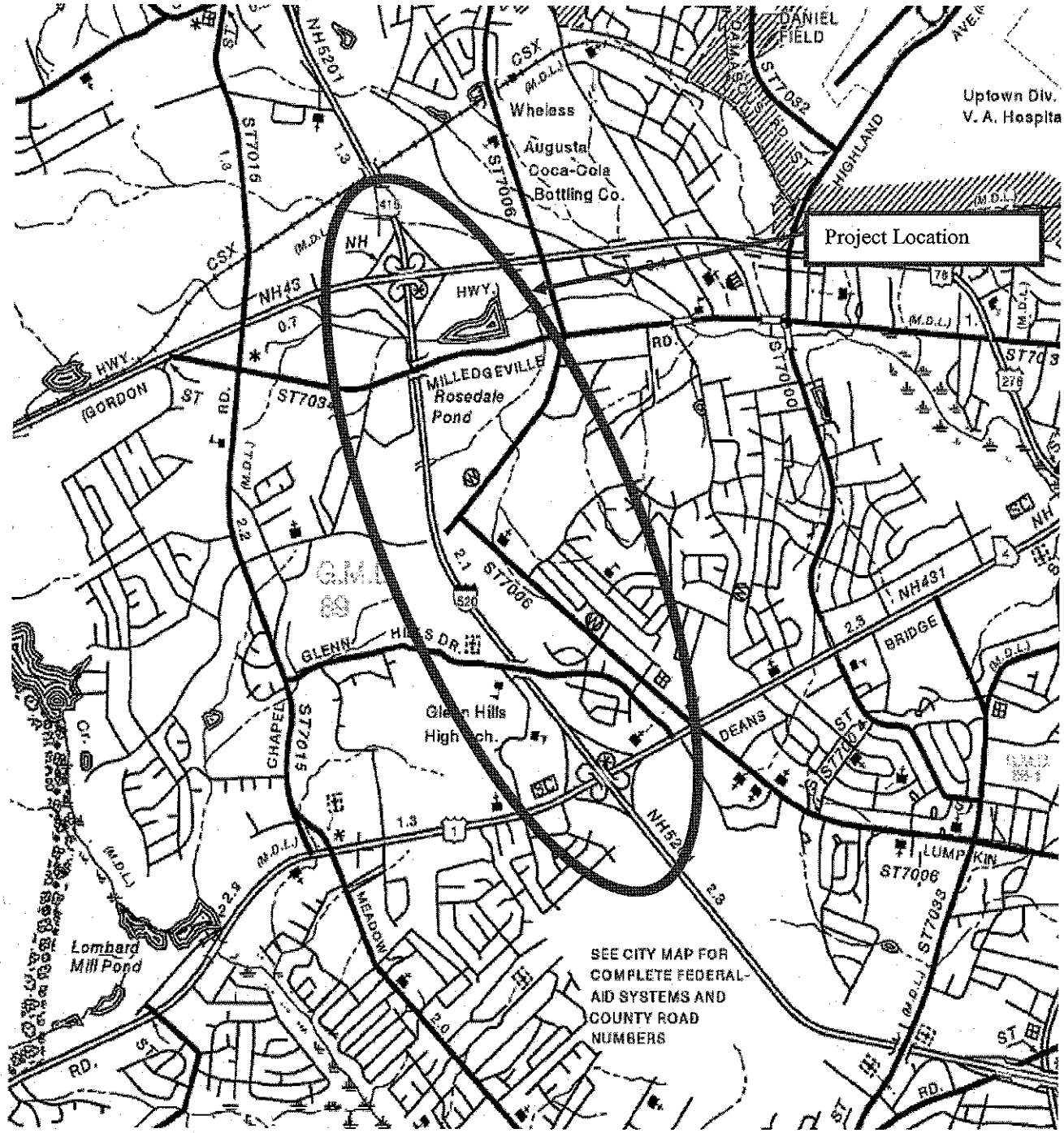
RECOMMEND: [signature] for Director
Director of Preconstruction

APPROVE: [signature]
Chief Engineer

9/15/09
Date of Approval

Attachments:

- Location Map
- Cost Estimate
- Notice of Location and Design Approval



Location Map

NH-520-1(17), P.I. 210700
Richmond County, Ga.
Widening of I-520 (Bobby Jones Expressway) from US 78/278 / SR 10 (Gordon Highway) to US 1 / SR 4 (Deans Bridge Road) with interchange improvements.

NOTICE OF LOCATION AND DESIGN APPROVAL

NH000-0520-01(017) PEACH COUNTY
210700 –

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location approval is SEPTEMBER 18, 2009.

Description and Project Proposal:

I-520 (Bobby Jones Expressway)
This project involves adding an additional lane in both directions on I-520 (Bobby Jones Expressway) and reconfiguring interchange access at the US 78/278/SR 10 (Gordon Highway) interchange underpass and the US 1/SR 4 (Deans Bridge Road) interchange overpass. Interstate 520 is a local perimeter for the city of Augusta, linking I-20 to US 78 in North Augusta. The proposed widening of I-520 totals 3.4 miles of interstate roadway. The project begins at MP 2.9 where the existing 6 lane section ends west of US 78/278/SR 10 (Gordon Highway) and continues to MP 6.3 east of US 1/SR 4 (Dean's Bridge Road). The proposed project will widen the 4 lane interstate to 6 lanes. Three lanes in each direction will be separated by a 16 foot median with a concrete median barrier wall. The posted speed limit will remain at 55 MPH. The additional lanes will be added to the inside of the existing lanes within the existing 40 foot depressed median. The proposed widening requires the existing I-520 bridge over US 1/SR 4 be widened to the inside.

US78/278 /SR10 (Gordon Highway)
The proposed interchange for US 78/278/SR 10 is a partial cloverleaf/partial diamond interchange to replace the full cloverleaf configuration interchange. Traffic exiting I-520 will utilize a diamond configuration type ramp with dedicated right and left turn lanes controlled by traffic signals on US 78/278/SR 10. Traffic entering I-520 will utilize loop ramps and diamond type ramps with free flow access. The proposed roadway typical section on US 78/278/SR 10 is 8 lanes with a 12 foot raised median and 16 foot urban shoulders with sidewalks. The posted speed will remain at 45 mph.

US1/SR4 (Deans Bridge Road)
The proposed interchange for US 1/SR 4 is a partial cloverleaf/partial diamond interchange to replace the full cloverleaf configuration interchange. Traffic exiting I-520 will utilize a diamond configuration type ramp with dedicated right and left turn lanes controlled by traffic signals on US 1/SR 4. Traffic entering I-520 will utilize loop ramps and diamond type ramps with free flow access. The existing loop ramps will be retained with their current 25 mph design speed, but the pavement section will be replaced. The proposed roadway typical section on US 1/SR 4 is 6 lanes with a 10 foot raised median and 16 foot urban shoulders with sidewalks. The posted speed will remain at 45 mph.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Michael Keene
Area Engineer
mkeene@dot.ga.gov
Georgia Department of Transportation
4260 Frontage Road
Augusta, Georgia 30909
(706) 855-3466

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

George Brewer
District Preconstruction Engineer
gbrewer@dot.ga.gov
Georgia Department of Transportation
P.O. Box 8
Tennille, Georgia 31089
(478) 552-4629

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.

Summary of Costs

Project P.I. No.210700-

Subtotal Construction Cost	**$19,362,055.67**
• Engineering & Inspection 5%	$968,102.78
• Construction Contingency 5%	$813,026.34
• Total Fuel Adjustment	$806,499.60
• Total Liquid AC Adjustment	$1,357,445.73
Total Construction Cost	**$23,307,310.84**
• Right-of-Way	$770,000.00
• Reimbursable Utilities	$100,000.00
Total Project Cost	**$24,177,310.84**

603-2180	91	SY	25.34	STN DUMPED RIP RAP, TP 3, 12 IN	2305.94
603-7000	261	SY	4.35	PLASTIC FILTER FABRIC	1135.35
643-8200	1400	LF	2.31	BARRIER FENCE (ORANGE), 4 FT	3234.00
700-6910	101	AC	824.81	PERMANENT GRASSING	83305.81
700-7000	205	TN	65.41	AGRICULTURAL LIME	13409.05
700-7010	253	GL	22.15	LIQUID LIME	5603.95
700-8000	95	TN	458.16	FERTILIZER MIXED GRADE	43525.20
700-8100	5831	LB	2.34	FERTILIZER NITROGEN CONTENT	13644.54
710-9000	7806	SY	4.64	PERMANENT SOIL REINFORCING MAT	36219.84
715-2200	1308	SY	1.59	BITUMINOUS TREATED ROVING, WATERWAYS	2079.72
716-2000	34354	SY	0.96	EROSION CONTROL MATS, SLOPES	32979.84
				Section Sub Total:	**$996,427.88**

Section I-520 Bridge

Item Number	Quantity	Units	Unit Price	Item Description	Cost
211-0200	100	CY	41.11	BRIDGE EXCAVATION, GRADE SEPARATION	4111.00
441-0004	350	SY	43.13	CONC SLOPE PAV, 4 IN	15095.50
500-0100	250	SY	4.19	GROOVED CONCRETE	1047.50
500-1006	1	LS	88932.50	SUPERSTR CONCRETE, CL AA, BR NO - 1 LT (125)	88932.50
500-1006	1	LS	88932.50	SUPERSTR CONCRETE, CL AA, BR NO - 1 RT (125)	88932.50
500-2100	767	LF	39.86	CONCRETE BARRIER	30572.62
500-3002	50	CY	470.98	CLASS AA CONCRETE	23549.00
501-3000	1	LS	94430.40	STR STEEL, BR NO - 1 LT (30,560)	94430.40
501-3000	1	LS	94430.40	STR STEEL, BR NO - 1 RT (30,560)	94430.40
511-1000	200000	LB	0.89	BAR REINF STEEL	178000.00
511-3000	1	LS	115200.00	SUPERSTR REINF STEEL, BR NO - 1 LT (120,000)	115200.00
511-3000	1	LS	115200.00	SUPERSTR REINF STEEL, BR NO - 1 RT (120,000)	115200.00
520-0242	12	EA	200.00	H-PILE POINTS, HP 10 X 42	2400.00
520-0573	48	EA	201.70	H-PILE POINTS, HP 14 X 73	9681.60
520-1104	600	LF	65.00	PILING IN PLACE, STEEL H, HP 10 X 42	39000.00
520-1147	1450	LF	77.56	PILING IN PLACE, STEEL H, HP 14 X 73	112462.00
520-4104	1	EA	0.85	LOAD TEST, STEEL H, HP 10 X 42	0.85
520-4147	1	EA	0.85	LOAD TEST, STEEL H, HP 14 X 73	0.85
535-1105	1	LS	50000.00	PAINT EXIST STEEL STRUCTURE, BR ID - 245-00415D-005.33E (LT. BR.)	50000.00
535-1105	1	LS	50000.00	PAINT EXIST STEEL STRUCTURE, BR ID - 245-00415D-005.33E (RT. BR.)	50000.00
540-1202	1	LS	15000.00	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO - 1 RT	15000.00
540-1202	1	LS	15000.00	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO - 1 LT	15000.00
544-1000	1	LS	20000.00	DECK DRAIN SYSTEM, BR NO - 1 LT	20000.00
544-1000	1	LS	20000.00	DECK DRAIN SYSTEM, BR NO - 1 RT	20000.00
620-0100	800	LF	26.46	TEMPORARY BARRIER, METHOD NO. 1	21168.00
				Section Sub Total:	**$1,204,214.72**

Total Estimated Cost: $19,362,055.67

Estimate Report for file "NH000-0520-01(017)_2009-03-19"

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
109-0100	1	Lump Sum	180131.74	PRICE ADJUSTMENT - UNLEADED FUEL	180131.74
109-0200	1	Lump Sum	595523.66	PRICE ADJUSTMENT - DIESEL FUEL	595523.66
109-0300	1	Lump Sum	1388290.65	PRICE ADJUSTMENT - ASPHALT CEMENT	1388290.65
150-5010	5	EA	10608.46	TRAFFIC CONTROL, PORTABLE IMPACT ATTENUATOR	53042.30
210-0100	1	LS	1550000.00	GRADING COMPLETE - NH000-0520-01(017)	1550000.00
310-1101	64302	TN	17.99	GR AGGR BASE CRS, INCL MATL	1156792.98
400-3604	4543	TN	93.75	ASPH CONC 12.5 MM SMA, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	425906.25
400-3624	6084	TN	90.00	ASPH CONC 12.5 MM PEM, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	547560.00
402-1812	11300	TN	90.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	1017000.00
402-3121	13032	TN	90.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1172880.00
402-3130	2662	TN	90.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	239580.00
402-3190	18525	TN	90.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2,INCL BITUM MATL & H LIME	1667250.00
413-1000	15074	GL	2.15	BITUM TACK COAT	32409.10
430-0200	18913	SY	33.90	PLAIN PC CONC PVMT, CL1 CONC, 10 INCH THK	641150.70
430-0220	16090	SY	46.11	PLAIN PC CONC PVMT, CL 1 CONC, 12, INCH THK	741909.90
432-0206	77241	SY	1.70	MILL ASPH CONC PVMT, 1 1/2 IN DEPTH	131309.70
433-1000	781	SY	146.54	REINF CONC APPROACH SLAB	114447.74
436-1000	678	LF	8.00	ASPHALTIC CONCRETE CURB -	5424.00
441-0104	3214	SY	34.66	CONC SIDEWALK, 4 IN	111397.24
441-0740	3275	SY	35.97	CONCRETE MEDIAN, 4 IN	117801.75
441-6022	7937	LF	14.98	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	118896.26
441-6720	4958	LF	52.00	CONC CURB & GUTTER, 6 IN X 30 IN, TP 7	257816.00
446-1100	23095	LF	5.20	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	120094.00
500-3201	215	CY	554.30	CLASS B CONCRETE, RETAINING WALL	119174.50
620-0100	28535	LF	30.26	TEMPORARY BARRIER, METHOD NO. 1	863469.10
621-3021	8066	LF	51.00	CONCRETE BARRIER, TYPE 21	411366.00
621-3022	62	LF	51.25	CONCRETE BARRIER, TYPE 22	3177.50
621-3125	417	LF	353.60	CONCRETE BARRIER, TP 25S, MODIFIED	147451.20
621-4070	300	LF	68.50	CONCRETE SIDE BARRIER, TYPE 7C	20550.00
634-1200	29	EA	96.88	RIGHT OF WAY MARKERS	2809.52
641-1100	83	LF	52.30	GUARDRAIL, TP T	4340.90
641-1200	5115	LF	18.14	GUARDRAIL, TP W	92786.10
641-5001	12	EA	675.50	GUARDRAIL ANCHORAGE, TP 1	8106.00
641-5012	13	EA	1864.63	GUARDRAIL ANCHORAGE, TP 12	24240.19
648-1350	2	EA	20362.00	IMPACT ATTENUATOR UNIT, TYPE P -	40724.00
				Section Sub Total:	**$14,124,808.98**

Section Drainage

Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3200	14	CY	417.35	CLASS B CONCRETE	5842.90
550-1120	16	LF	0.00	STORM DRAIN PIPE, 12 IN, H 1-10	0.00
550-1150	7439	LF	32.50	STORM DRAIN PIPE, 15 IN, H 1-10	241767.50
550-1151	45	LF	0.00	STORM DRAIN PIPE, 15 IN, H 10-15	0.00
550-1180	4282	LF	38.29	STORM DRAIN PIPE, 18 IN, H 1-10	163957.78
550-1240	304	LF	45.52	STORM DRAIN PIPE, 24 IN, H 1-10	13838.08
550-1300	121	LF	59.55	STORM DRAIN PIPE, 30 IN, H 1-10	7205.55
550-1360	1349	LF	66.11	STORM DRAIN PIPE, 36 IN, H 1-10	89182.39
550-3315	3	EA	0.00	SAFETY END SECTION 15 IN, STORM DRAIN, 4:1 SLOPE	0.00
550-3318	2	EA	551.84	SAFETY END SECTION 18 IN, STORM DRAIN, 4:1 SLOPE	1103.68

550-3336	1	EA	1789.51	SAFETY END SECTION 36 IN, STORM DRAIN, 4:1 SLOPE	1789.51
550-4218	4	EA	606.17	FLARED END SECTION 18 IN, STORM DRAIN	2424.68
550-4224	2	EA	744.88	FLARED END SECTION 24 IN, STORM DRAIN	1489.76
576-1015	325	LF	28.29	SLOPE DRAIN PIPE, 15 IN	9194.25
668-1100	22	EA	2499.45	CATCH BASIN, GP 1	54987.90
668-1110	63	LF	225.90	CATCH BASIN, GP 1, ADDL DEPTH	14231.70
668-1200	2	EA	3136.75	CATCH BASIN, GP 2	6273.50
668-1210	4	LF	239.04	CATCH BASIN, GP 2, ADDL DEPTH	956.16
668-2100	83	EA	2455.35	DROP INLET, GP 1	203794.05
668-2110	85	LF	294.66	DROP INLET, GP 1, ADDL DEPTH	25046.10
668-2200	13	EA	3135.95	DROP INLET, GP 2	40767.35
668-2210	45	LF	298.46	DROP INLET, GP 2, ADDL DEPTH	13430.70
668-3300	4	EA	2520.36	SAN SEWER MANHOLE, TP 1	10081.44
668-3311	6	LF	167.94	SAN SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	1007.64
				Section Sub Total:	**$908,372.62**

Section Signing And Marking

Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3101	8	CY	293.71	CLASS A CONCRETE	2349.68
610-6510	15	EA	400.00	REM HWY SIGN, OVHD	6000.00
610-6515	25	EA	31.27	REM HIGHWAY SIGN, STD	781.75
610-6520	6	EA	700.00	REM HIGHWAY SIGN, SPCL ROADSIDE	4200.00
610-9401	9	Lump Sum	0.00	REM STR SUPPORT, TYPE 1, INCL ILLUM SIGN SYSTEM, STA -	0.00
610-9403	4	Lump Sum	0.00	REM STR SUPPORT, TYPE 3, INCL ILLUM SIGN SYSTEM, STA -	0.00
610-9407	2	Lump Sum	0.00	REM STR SUPPORT, TYPE 7, INCL ILLUM SIGN SYSTEM, STA -	0.00
611-5360	8	EA	178.88	RESET HIGHWAY SIGN	1431.04
633-3500	4	EA	500.00	REMOUNT UNMODIFIED HWY SIGN, SPCL ROADSIDE	2000.00
636-1020	624	SF	16.66	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	10395.84
636-1029	607	SF	14.67	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	8904.69
636-1033	587	SF	20.25	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	11886.75
636-1041	432	SF	45.57	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	19686.24
636-1072	5044	SF	30.53	HIGHWAY SIGNS, ALUM EXTRUDED PANELS, REFL SHEETING, TP 3	153993.32
636-1077	387	SF	24.75	HIGHWAY SIGNS, ALUM EXTRUDED PANELS, REFL SHEETING, TP 9	9578.25
636-2070	2555	LF	9.01	GALV STEEL POSTS, TP 7	23020.55
636-2080	509	LF	11.81	GALV STEEL POSTS, TP 8	6011.29
636-3000	1920	LB	3.02	GALV STEEL STR SHAPE POST	5798.40
636-3010	10	EA	578.37	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	5783.70
636-9094	39	LF	66.35	PILING IN PLACE, SIGNS, STEEL H, HP 12 X 53	2587.65
638-1001	11	LS	80600.00	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA -	886600.00
638-1003	5	LS	39000.00	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA -	195000.00
639-2001	447	LF	2.69	STEEL WIRE STRAND CABLE, 1/4 IN	1202.43
639-3004	8	EA	13142.03	STEEL STRAIN POLE, TP IV	105136.24
653-0120	85	EA	75.17	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	6389.45
653-0210	52	EA	103.41	THERMOPLASTIC PVMT MARKING, WORD, TP 1	5377.32
653-1501	57866	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	26618.36
653-1502	37504	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	17251.84
653-1704	487	LF	3.46	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1685.02
				THERMOPLASTIC SOLID TRAF STRIPE, 8 IN,	

653-1804	4532	LF	1.68	WHITE	7613.76
653-1810	1498	LF	1.25	THERMOPLASTIC SOLID TRAF STRIPE, 10 IN, WHITE	1872.50
653-3501	57551	GLF	0.32	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	18416.32
653-6004	414	SY	2.74	THERMOPLASTIC TRAF STRIPING, WHITE	1134.36
653-6006	41	SY	2.68	THERMOPLASTIC TRAF STRIPING, YELLOW	109.88
654-1001	1008	EA	3.05	RAISED PVMT MARKERS TP 1	3074.40
654-1003	1692	EA	3.26	RAISED PVMT MARKERS TP 3	5515.92
657-1054	8346	LF	3.74	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	31214.04
657-1104	734	LF	0.00	PREFORMED PLASTIC SOLID PVMT MKG, 10 IN, WHITE, TP PB	0.00
657-3054	16285	GLF	2.64	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	42992.40
657-5002	2612	SY	20.61	PREFORMED PLASTIC PAVEMENT MARKING, YELLOW, TP PB	53833.32
657-6054	12397	LF	3.74	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	46364.78
				Section Sub Total:	**$1,731,811.49**

Section Traffic Signal

Item Number	Quantity	Units	Unit Price	Item Description	Cost
615-1200	105	LF	9.80	DIRECTIONAL BORE - 2 IN	1029.00
636-1029	48	SF	14.67	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	704.16
639-2002	1830	LF	3.52	STEEL WIRE STRAND CABLE, 3/8 IN	6441.60
639-4004	16	EA	5869.88	STRAIN POLE, TP IV	93918.08
647-1000	1	LS	55375.96	TRAFFIC SIGNAL INSTALLATION NO - 1	55375.96
647-1000	1	LS	55375.96	TRAFFIC SIGNAL INSTALLATION NO - 2	55375.96
647-1000	1	LS	55375.96	TRAFFIC SIGNAL INSTALLATION NO - 3	55375.96
647-1000	1	LS	55375.96	TRAFFIC SIGNAL INSTALLATION NO - 4	55375.96
682-6120	105	LF	9.02	CONDUIT, RIGID, 2 IN	947.10
938-1100	12	EA	5706.79	INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	68481.48
938-1200	4	EA	393.15	PROGRAMMING MONITOR, TYPE A	1572.60
938-1210	4	EA	455.53	OUTPUT EXPANSION MODULE, TYPE A	1822.12
				Section Sub Total:	**$396,419.98**

Section Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	48	AC	375.19	TEMPORARY GRASSING	18009.12
163-0240	435	TN	164.91	MULCH	71735.85
163-0300	56	EA	1220.17	CONSTRUCTION EXIT	68329.52
163-0502	3	EA	450.16	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2	1350.48
163-0503	14	EA	454.35	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	6360.90
163-0523	251	EA	144.07	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE C SILT FENCE	36161.57
163-0524	101	EA	178.74	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - STONE PLAIN RIP RAP/SAND BAGS	18052.74
163-0550	184	EA	208.95	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	38446.80
165-0030	19600	LF	0.79	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	15484.00
165-0040	252	EA	55.80	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	14061.60
165-0086	3	EA	208.91	MAINTENANCE OF SILT CONTROL GATE, TP 2	626.73
165-0087	14	EA	112.19	MAINTENANCE OF SILT CONTROL GATE, TP 3	1570.66
165-0101	56	EA	500.48	MAINTENANCE OF CONSTRUCTION EXIT	28026.88
165-0105	184	EA	85.71	MAINTENANCE OF INLET SEDIMENT TRAP	15770.64
167-1000	3	EA	559.68	WATER QUALITY MONITORING AND SAMPLING	1679.04
167-1500	36	MO	746.02	WATER QUALITY INSPECTIONS	26856.72
171-0030	39197	LF	3.67	TEMPORARY SILT FENCE, TYPE C	143852.99
441-0204	6380	SY	38.31	PLAIN CONC DITCH PAVING, 4 IN	244417.80
603-2024	170	SY	48.18	STN DUMPED RIP RAP, TP 1, 24 IN	8190.60

Date 9/11/2009

P.I. Number 210700 County Richmond

Project Number NH000-0520-01(017)

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX*)

ENTER FPL DIESEL	2.592
ENTER FPM DIESEL	5.832

ENTER FPL UNLEADED	2.444
ENTER FPM UNLEADED	5.499

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)**		0.29		0.15		
Excavations paid as specified by Sections 206 **(CUBIC YARD)**		0.29		0.15		
GAB paid as specified by the ton under Section 310 **(TON)**	64302.000	0.29	18647.58	0.24	15432.48	
Hot Mix Asphalt paid as specified by the ton under Sections 400 **(TON)**	10627.000	2.90	30818.30	0.71	7545.17	
Hot Mix Asphalt paid as specified by the ton under Sections 402 **(TON)**	45519.000	2.90	132005.10	0.71	32318.49	
PCC Pavement paid as specified by the square yard under Section 430 **(SY)**	35003.000	0.25	8750.75	0.20	7000.60	

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211	100.00	41.11	4.1110	8.00	32.89	1.50	6.17	
Class __Concrete (CY) Section 500	50.00	407.98	20.3990	8.00	163.19	1.50	30.60	
Class __Concrete (CY) Section 500				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500	250.00	711.46	177.8650	8.00	1422.92	1.50	266.80	
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	1009.00	212.02	213.9282	8.00	1711.43	1.50	320.89	
Concrete Barrier (LF) Section 500	767.00	39.86	30.5726	8.00	244.58	1.50	45.86	

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Stru Steel Plan Quantity (LB) Section 501	61120.00	3.09	188.8608	8.00	1510.89	1.50	283.29	
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	240000.00	0.96	230.4000	8.00	1843.20	1.50	345.60	
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511	200000.00	0.89	178.0000	8.00	1424.00	1.50	267.00	
Piling___inch (LF) Section 520	600.00	65.00	39.0000	8.00	312.00	1.50	58.50	
Piling___inch (LF) Section 520	1450.00	77.56	112.4620	8.00	899.70	1.50	168.69	
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=	199786.52	SUM QF UNLEADED=	64090.14

DIESEL PRICE ADJUSTMENT($)	$595,523.66
UNLEADED PRICE ADJUSTMENT($)	$180,131.74

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 397 **ENTER APM** 893.25

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000		15074	64.7443	

TMT = 64.7443

PRICE ADJUSTMENT($)	$30,844.20

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL 397 **ENTER APM** 893.25

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
400-3604	12.5 mm SMA	4543	5.00	227.15	
400-3624	12.5 mm PEM	6084	5.00	304.20	
402-1812	12.5 mm SP	11300	5.00	565.00	
402-3121	25 mm SP	13032	5.00	651.60	
402-3130	12.5 mm SP	2662	5.00	133.10	
402-3190	19 mm SP	18525	5.00	926.25	
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			TMT =	2807.30	

PRICE ADJUSTMENT($)	$1,337,397.72

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 397 ENTER APM 893.25

125.00%	INCREASE ADJUSTMENT

Use this side for Asphalt Emulsion Only

L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
413-1000		15074
TMT =		42.0838
REMARKS:		

Use this side for Asphalt Cement Only

L.I.N.	TYPE	TACK (GALLONS)
TMT =		
REMARKS:		

MONTHLY PRICE ADJUSTMENT($)	$20,048.73

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX)*

DIESEL PRICE ADJUSTMENT($)	$595,523.66
UNLEADED PRICE ADJUSTMENT($)	$180,131.74
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	$30,844.20
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	$1,337,397.72
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	$20,048.73

REMARKS:

TOTAL ADJUSTMENTS	$2,163,946.05

DWM 10/08