ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #522870-
NH000-0111-01(024)
GDOT District 5 - Jesup
Chatham County
SR 204 Improvements

OFFICE Design Policy & Support

DATE April 27, 2012

FROM for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT **APPROVED LOCATION & DESIGN REPORT**

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Administrator
Lisa Myers, State Project Review Engineer
Phil Copeland, State Right-of-Way Administrator
Glenn Bowman, State Environmental Administrator
Bobby Hilliard, State Program Delivery Engineer
Kathy Zahul, State Traffic Engineer
Cindy VanDyke, State Transportation Planning Administrator
Ken Thompson, Location Bureau Chief
Ben Rabun, State Bridge Engineer
Angela Robinson, Financial Management Administrator
Troy Pittman, Area Engineer - D5, A5
Teresa Scott, District Planning & Programming Engineer
Brad Saxon, District Preconstruction Engineer
Karon Ivery, District Engineer
Robert Murphy, Project Manager
BOARD MEMBER - 1st Congressional District
BOARD MEMBER - 12th Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE NH000-0111-01(024), Chatham County
P.I. No. 522870
SR 204/Abercorn Street Extension Improvements at
King George Boulevard (CR 71)

OFFICE Design

DATE April 12, 2012

FROM Bobby Hilliard, P.E., State Program Delivery Engineer B.H.

TO Brent Story, P.E., State Design Policy Engineer
Attn: Dave Peters, State Conceptual Design Group Manager

SUBJECT **REQUEST FOR LOCATION AND DESIGN APPROVAL**

Description and Project Proposal:
The proposed project would construct a grade separated interchange at the intersection of SR 204/Abercorn Street Extension and King George Boulevard (CR 71) in unincorporated Chatham County. The project would begin just east of Pine Grove Road (CR 68) and end just west of Veterans Parkway (CR 975). The proposed project length is 1.46 miles, with the project beginning at Mile Log 11.94 and ending at Mile Log 13.40. SR 204 would be grade separated over King George Boulevard. The proposed project would maintain the four 12-foot basic lanes and a 20-foot median with concrete barrier. Outside shoulders would be 14-foot graded, 12-foot paved. Auxiliary lanes would be included in both directions along SR 204 between Veterans Parkway and the King George Boulevard interchange ramps. No additional basic lanes would be added to SR 204. However, the project would be constructed so as to not preclude the widening of SR 204 at a later date in order to provide for six basic lanes. The interchange ramp configuration would include loop ramps in the northwest and southeast quadrants, along with a semi-direct ramp from westbound SR 204 to northbound King George Boulevard. Traffic signals would be included on King George Boulevard at the eastbound ramps and at Mariners Way. Interchange lighting would be included in the project. Sidewalks and crosswalks will be constructed along King George Boulevard in compliance with Americans with Disabilities Act (ADA) requirements.

Concept Approval Date: January 27, 2011

Concept Update: The project limits have been revised since the approval of the Concept Report. The limits were reduced on the eastern end of the project to account for a reduction in the limits of asphalt overlay.

- Approved Limits: The approved project length is 1.53 miles, with the project beginning at Mile Log 11.94 and ending at Mile Log 13.48.
- Proposed Limits: The proposed project length is 1.46 miles, with the project beginning at Mile Log 11.94 and ending at Mile Log 13.40.

Environmental Assessment/Finding of No Significant Impact:
Approval Date: April 6, 2012

Public Involvement:

- Public Hearing Open House Results:
  - The Public Hearing Open House was held on December 14, 2011 at Georgetown Elementary School.
  - Comments received included: requests for noise walls, opposition to use of metal noise walls, requests to retain existing berm along forest cove Subdivision, requests for inclusion of bike lanes along SR 204, and for the Department to expedite the construction of the project.
  - There were 160 attendees, no public officials.
  - 38 comments were received, 25 supported the project, 8 conditionally supported the project and 1 opposed it.
  - No major changes were made to the project as a result of the comments received.
- Public Information Open House
  - A Public Information Open House was held on June 17, 2010 at Georgetown Elementary School.
  - Comments received included: requests for noise walls, eastbound ramps are too close to Mariners Way, requests for inclusion of bike lanes along SR 204, and for the Department to expedite the construction of the project.
  - There were 154 attendees, no public officials.
  - 56 comments were received, 31 supported the project, 12 conditionally supported the project and 2 opposed it.
  - No major changes were made to the project as a result of the comments received. However, the alignments of the eastbound ramps were revised to provide more separation from Mariners Way.

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

Recommendations: It is recommended that the location and design for the project be approved and that the attached Notice be approved for advertising.

RECOMMEND: _____
Director of Engineering

APPROVE: _____ 4/25/12
Chief Engineer Date

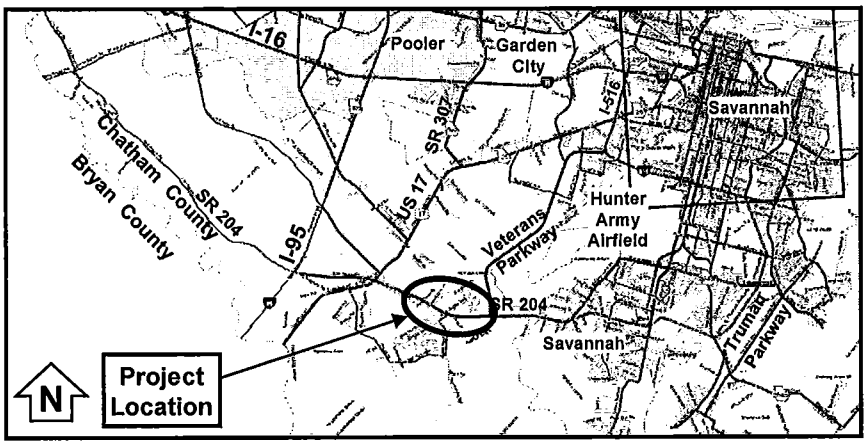
DATE OF LOCATION AND DESIGN APPROVAL: April 27, 2012
(To be entered by the State Conceptual Design Group Manager)

Attachments:

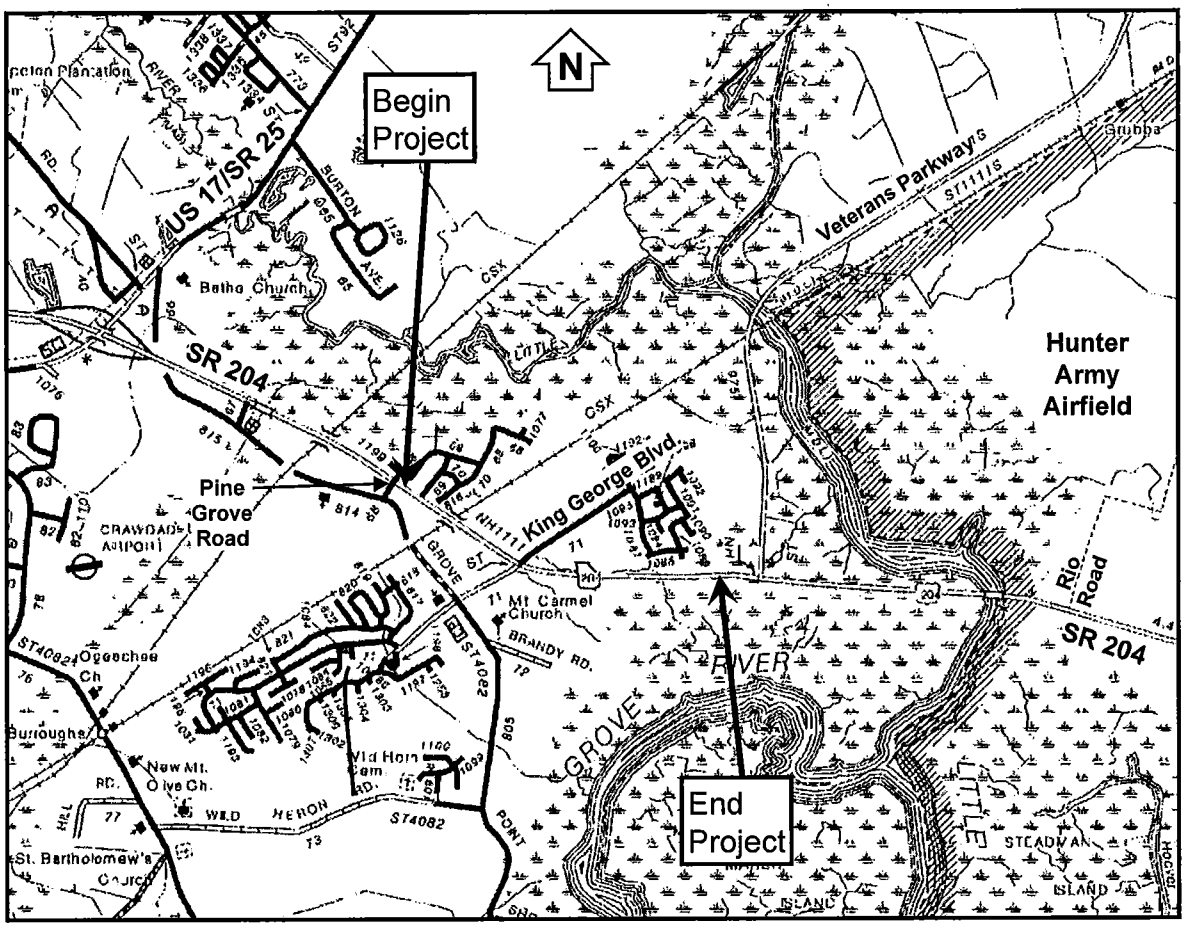
- Sketch Map
- Cost Estimate
- Notice of Location and Design Approval

Project Number: NH000-0111-01(024)
P. I. Number: 522870, Chatham County
SR 204/Abercorn Street Extension Improvements
at King George Boulevard (CR 71)

Project Location Map



Project Limits Map



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JOB ESTIMATE REPORT

JOB NUMBER : 522870- SPEC YEAR: 01
DESCRIPTION: SR 204/ABERCORN ST. @ KING GEORGE BLVD. INTERSECTION

ITEMS FOR JOB 522870-

LINE	ITEM	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000	LS	TRAFFIC CONTROL - NH000-0111-01(024)	1.000	950000.00	950000.00
0010	150-5010	EA	TRAF CTRL,PORTABLE IMPACT ATTN	2.000	7632.34	15264.69
0015	153-1300	EA	FIELD ENGINEERS OFFICE TP 3	1.000	63571.33	63571.34
0025	201-1500	LS	CLEARING & GRUBBING - NH000-0111-01(024)	1.000	700000.00	700000.00
0039	208-0100	CY	IN PLACE EMBANKMENT	367413.000	4.68	1721164.57
0040	310-5040	SY	GR AGGR BS CRS 4IN INCL MATL	1939.000	14.00	27146.00
0041	310-5060	SY	GR AGGR BS CRS 6IN INCL MATL	1676.000	15.00	25140.00
0042	310-5080	SY	GR AGGR BS CRS 8IN INCL MATL	22600.000	16.00	361600.00
0043	310-5100	SY	GR AGGR BS CRS 10IN INCL MATL	17480.000	20.00	349600.00
0044	310-5120	SY	GR AGGR BS CRS 12IN INCL MATL	20433.000	24.00	490392.00
0045	318-3000	TN	AGGR SURF CRS	40.000	31.23	1249.36
0055	402-1812	TN	RECYL AC LEVELING,INC BM&HL	18692.000	80.00	1495360.00
0065	402-3121	TN	RECYL AC 25MM SP,GP1/2,BM&HL	9436.000	75.00	707700.00
0070	402-3130	TN	RECYL AC 12.5MM SP,GP2,BM&HL	3612.000	80.00	288960.00
0075	402-3190	TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	8531.000	80.00	682480.00
0079	402-4510	TN	RECYL AC 12.5 MM SP,GP2ONLY,INC P-MBM&HL	4022.000	69.25	278551.81
0080	413-1000	GL	BITUM TACK COAT	6350.000	2.70	17191.04
0085	432-5010	SY	MILL ASPH CONC PVMT,VARB DEPTH	8792.000	2.19	19285.96
0094	433-1200	SY	REF CONC APPR SL/I SLOPED EDGE	2014.000	117.55	236761.03
0100	441-0104	SY	CONC SIDEWALK, 4 IN	1652.000	27.06	44718.12
0103	441-0303	EA	CONC SPILLWAY, TP 3	1.000	1953.76	1953.77
0104	441-0600	CY	CONC HEADWALLS	4.000	939.26	3757.05
0105	441-0740	SY	CONC MEDIAN, 4 IN	990.000	24.28	24044.47
0110	441-0754	SY	CONC MEDIAN, 7 1/2 IN	54.000	57.14	3085.60
0115	441-3999	LF	CONCRETE V GUTTER	5818.000	13.67	79561.96
0119	441-4030	SY	CONC VALLEY GUTTER, 8 IN	91.000	40.78	3711.72
0120	441-6222	LF	CONC CURB & GUTTER/ 8"X30"TP2	2749.000	17.06	46901.27
0125	441-6740	LF	CONC CURB & GUTTER/ 8"X30" TP7	3284.000	12.22	40154.95
0129	446-1100	LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	8149.000	3.06	24940.67
0130	456-2012	GLM	INTENT. RUMB. STRIPS - GRND-IN-PL (CONT)	1.590	844.43	1342.65

0144	500-9999	CY	CL B CONC,BASE OR PVMT WIDEN	71.000	192.66	13679.44
0145	550-1180	LF	STM DR PIPE 18",H 1-10	6953.000	26.21	182287.64
0149	550-1181	LF	STM DR PIPE 18",H 10-15	153.000	29.99	4588.85
0150	550-1240	LF	STM DR PIPE 24",H 1-10	1654.000	33.79	55895.76
0153	550-1241	LF	STM DR PIPE 24",H 10-15	99.000	36.51	3614.93
0154	550-1300	LF	STM DR PIPE 30",H 1-10	800.000	43.52	34823.37
0155	550-1360	LF	STM DR PIPE 36",H 1-10	1752.000	54.87	96134.24
0158	550-1361	LF	STM DR PIPE 36",H 10-15	803.000	46.31	37193.84
0159	550-1362	LF	STM DR PIPE 36",H 15-20	191.000	62.31	11901.62
0160	550-1363	LF	STM DR PIPE 36",H 20-25	203.000	70.58	14327.90
0161	550-1420	LF	STM DR PIPE 42",H 1-10	185.000	67.11	12415.44

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0162	550-1424	LF	STM DR PIPE 42",H 25-30	329.000	113.34	37290.53
0169	550-3318	EA	SAFETY END SECTION 18",STD,4:1	1.000	787.47	787.48
0170	550-4218	EA	FLARED END SECT 18 IN, ST DR	19.000	447.22	8497.37
0175	550-4224	EA	FLARED END SECT 24 IN, ST DR	5.000	526.13	2630.68
0179	550-4230	EA	FLARED END SECT 30 IN, ST DR	1.000	857.90	857.91
0180	550-4236	EA	FLARED END SECT 36 IN, ST DR	12.000	942.09	11305.14
0183	550-4242	EA	FLARED END SECT 42 IN, ST DR	3.000	1487.62	4462.88
0184	576-1018	LF	SLOPE DRAIN PIPE, 18 IN	225.000	30.30	6819.53
0205	620-0100	LF	TEMP BARRIER, METHOD NO. 1	3905.000	29.00	113245.00
0210	621-4082	LF	CONCRETE SIDE BARRIER, TY 7T	30.000	348.43	10452.90
0215	621-5503	LF	CONCRETE SIDE BARRIER, TP 26S	334.000	325.00	108550.00
0220	621-6001	LF	CONC BARRIER, TP S-1	365.000	76.78	28024.74
0225	621-6002	LF	CONC BARRIER, TP S-2	6750.000	79.72	538120.60
0229	621-6013	LF	CONC SIDE BARRIER, TP 7-TS	10.000	348.43	3484.30
0230	621-6200	LF	CONC SIDE BARRIER, TP 2-S	1481.000	163.88	242706.28
0235	621-6201	LF	CONC SIDE BARRIER, TP 2-SA	698.000	450.00	314100.00
0238	624-0400	SF	SOUND BARRIER, TYPE- B, 0' TO 10'	1690.000	25.00	42250.00
0239	624-0400	SF	SOUND BARRIER, TYPE- B, 10' TO 20'	82748.000	25.00	2068700.00
0240	624-0400	SF	SOUND BARRIER, TYPE- B, 20' TO 30'	34716.000	25.00	867900.00
0244	627-1000	SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - 1	24409.000	36.45	889911.87
0245	627-1010	SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - 1	17409.000	39.28	683941.12
0250	627-1020	SF	MSE WALL FACE, 20 - 30 FT HT, WALL NO - 1	6739.000	39.56	266629.28
0251	627-1030	SF	MSE WALL FACE, GTR 30 FT HT, WALL NO - 1	239.000	44.43	10620.68
0252	627-1100	LF	COPING A, WALL NO - 1	424.000	87.96	37298.32
0253	627-1140	LF	TRAFFIC BARRIER V, WALL NO - 1	1465.000	208.56	305544.22
0254	627-1180	CY	ADDITIONAL MSE BACKFILL	200.000	60.72	12145.14
0260	634-1200	EA	RIGHT OF WAY MARKERS	66.000	92.92	6133.13

0264	641-1100	LF	GUARDRAIL, TP T	121.000	56.14	6793.15
0265	641-1200	LF	GUARDRAIL, TP W	5179.000	14.33	74242.93
0270	641-5001	EA	GUARDRAIL ANCHORAGE, TP 1	3.000	632.23	1896.70
0275	641-5012	EA	GUARDRAIL ANCHORAGE, TP 12	4.000	1889.89	7559.56
0280	643-4000	LF	WOVEN WIRE FENCE	5994.000	5.23	31398.61
0283	643-8200	LF	BARRIER FENCE (ORANGE), 4 FT	7961.000	2.28	18179.66
0284	648-1350	EA	IMPACT ATT UNIT, TP-P- 3-U-20	1.000	16212.84	16212.85
0285	668-1100	EA	CATCH BASIN, GP 1	15.000	2057.55	30863.38
0290	668-1110	LF	CATCH BASIN, GP 1, ADDL DEPTH	13.000	178.59	2321.74
0295	668-2100	EA	DROP INLET, GP 1	93.000	1774.93	165068.69
0300	668-2110	LF	DROP INLET, GP 1, ADDL DEPTH	72.000	139.17	10020.61
0305	668-2200	EA	DROP INLET, GP 2	5.000	2332.43	11662.15
0310	668-2210	LF	DROP INLET, GP 2, ADDL DEPTH	3.000	199.50	598.52
0315	668-4300	EA	STORM SEW MANHOLE, TP 1	15.000	1864.05	27960.84
0320	668-4311	LF	ST SEW MANHOLE,TP 1,A DEP,CL 1	36.000	164.10	5907.73
0380	610-6520	EA	REM HWY SIGN, SPCL ROADSIDE	4.000	695.68	2782.75
0385	633-3000	EA	REMT UNMODIFY HWY SIGN, OHEAD	1.000	1000.00	1000.00
0390	633-5000	EA	REMOUNT UNMOD. HIGHWAY SIGN, SPL. RDSIDE	4.000	500.00	2000.00
0400	636-1020	SF	HWY SGN,TP1MAT,REFL SH TP3	164.000	13.37	2192.83
0404	636-1025	SF	HWY SIGNS,TP1MAT,REFL SH TP 2	6.000	15.00	90.00
0405	636-1029	SF	HWY SGN,TP2 MATL,REFL SH TP 3	171.000	15.15	2591.02
0410	636-1033	SF	HWY SIGNS, TP1MAT,REFL SH TP 9	641.000	17.70	11350.82

0420	636-1072	SF	HWY SIGNS,ALUM EXTRD PNLS, RS TP 3	2517.000	19.43	48925.55
0425	636-2070	LF	GALV STEEL POSTS, TP 7	772.000	6.87	5304.21
0429	636-2080	LF	GALV STEEL POSTS, TP 8	267.000	10.12	2702.65
0430	636-2090	LF	GALV STEEL POSTS, TP 9	340.000	7.30	2484.28
0434	636-3010	EA	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	6.000	532.25	3193.52
0435	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA 465+88	1.000	61098.56	61098.56
0440	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA 472+00	1.000	61098.56	61098.56
0445	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA 485+25	1.000	61098.56	61098.56
0450	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA 488+65	1.000	61098.56	61098.56
0455	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA 498+45	1.000	61098.56	61098.56
0460	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA 511+65	1.000	61098.56	61098.56
0465	638-1003	LS	STR SUPPORT OVHD,SIGN,TPIIISTA 439+48	1.000	56385.33	56385.33
0470	638-1003	LS	STR SUPPORT OVHD,SIGN,TPIIISTA 452+68	1.000	56385.33	56385.33
0475	639-2002	LF	STEEL WIRE STRAND CABLE, 3/8"	65.000	3.65	237.53
0480	639-4004	EA	STRAIN POLE, TP IV	2.000	5614.98	11229.96
0481	652-5451	LF	SOLID TRAF STRIPE, 5 IN, WHITE	14779.000	0.07	1065.27
0482	652-5452	LF	SOLID TRAF STRIPE, 5 IN, YELLO	9425.000	0.12	1147.49
0483	652-5701	LF	SOLID TRAF STRIPE, 24", WHITE	171.000	2.27	389.42

0484	652-6501	GLF	SKIP TRAF STRIPE, 5 IN, WHITE	10666.000	0.09	1045.05
0485	652-9001	SY	TRAFFIC STRIPE, WHITE	430.000	1.66	714.99
0486	652-9002	SY	TRAFFIC STRIPE, YELLOW	622.000	1.54	961.09
0487	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	31.000	66.43	2059.52
0488	653-0130	EA	THERM PVMT MARK, ARROW, TP 3	2.000	76.74	153.48
0489	653-0293	EA	THERM PVMT MARK, WORD, TP 12	4.000	450.00	1800.00
0490	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	24055.000	0.27	6566.29
0495	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	21825.000	0.26	5795.41
0499	653-1604	LF	THERM SOLID TRAF STRIPE,18",WH	145.000	10.00	1450.00
0500	653-1704	LF	THERM SOLID TRAF STRIPE,24",WH	261.000	3.08	804.51
0505	653-1804	LF	THERM SOLID TRAF STRIPE, 8",WH	3637.000	1.57	5739.84
0509	653-1810	LF	THER SLD TRAF STRIPE, 10 IN, W	4775.000	0.99	4765.78
0510	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	19635.000	0.20	4066.41
0514	653-3810	GLF	THER SKIP TRAF ST, 10 IN, WHT	650.000	3.00	1950.00
0515	653-6004	SY	THERM TRAF STRIPING, WHITE	2581.000	2.70	6975.44
0520	653-6006	SY	THERM TRAF STRIPING, YELLOW	302.000	3.03	916.22
0530	654-1003	EA	RAISED PVMT MARKERS TP 3	959.000	3.41	3271.74
0535	657-1085	LF	PRF PL SD PVT MKG,8",B/W,TP PB	925.000	5.82	5383.97
0540	657-1130	LF	PRF PL SD PVMT MKG, 13",B/W,TPPB	850.000	8.18	6961.11
0545	657-3085	GLF	PRF PL SK PVMT MKG,8",B/W,TPPB	1190.000	3.37	4018.75
0550	657-6085	LF	PRF PL SD PVMT MKG,8",B/Y,TPPB	1010.000	5.69	5748.31
0570	615-1200	LF	DIRECTIONAL BORE - 3 IN	255.000	15.46	3944.21
0575	615-1200	LF	DIRECTIONAL BORE - 6 IN	635.000	14.06	8933.26
0580	636-1041	SF	HWY SIGNS,TP 2MAT,REFL SH TP 9	167.000	32.06	5355.03
0585	647-2141	EA	PULL BOX, PB-4S	2.000	1183.57	2367.14
0590	647-2170	EA	PULL BOX, PB-7	2.000	1710.30	3420.62
0595	639-3004	EA	STEEL STRAIN POLE, TP IV INCL 30 FT MAST ARM	1.000	9908.04	9908.05
0600	639-3004	EA	STEEL STRAIN POLE, TP IV INCL 45 FT MAST ARM	1.000	9908.04	9908.05
0605	639-3004	EA	STEEL STRAIN POLE, TP IV INCL 50 FT MAST ARM	1.000	9908.04	9908.05
0610	639-3004	EA	STEEL STRAIN POLE, TP IV INCL 65 FT MAST ARM	4.000	9032.26	36129.07
0615	647-0220	LS	TRAF SIGNAL INSTALLATION, TEMP	1.000	80000.00	80000.00

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0620	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 1	1.000	50000.00	50000.00
0625	647-1000	LS	TRAF SIGNAL INSTALLATION NO - 2	1.000	50000.00	50000.00
0630	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN	2784.000	2.84	7928.97
0635	687-1000	LS	TRAFFIC SIGNAL TIMING - NH000-0111-01(024)	1.000	30479.00	30479.00
0640	937-6050	EA	INT VIDEO DET SYS ASMBLY, TP A	1.000	4223.82	4223.82
0645	937-6150	EA	PROGRAMMING MONITOR, TP A	1.000	437.04	437.04

0650	937-8030	LS	TESTING - INTERSECTION VIDEO DETECTION	1.000	1000.00	1000.00
0655	937-8530	LS	TRAINING - INTERSECTION VIDEO DETECTION	1.000	3000.00	3000.00
0690	615-1200	LF	DIRECTIONAL BORE - 3	60.000	17.97	1078.66
0695	615-1200	LF	DIRECTIONAL BORE - 6	633.000	14.07	8908.04
0700	639-3004	EA	STEEL STRAIN POLE, TP IV	3.000	8981.58	26944.77
0705	647-2120	EA	PULL BOX, PB-2	1.000	318.22	318.22
0710	647-2130	EA	PULL BOX, PB-3	6.000	444.96	2669.79
0715	647-2170	EA	PULL BOX, PB-7	25.000	1710.30	42757.73
0716	647-2500	LS	QUEUE DETECTION AND WARNING SYSTEM	1.000	62000.00	62000.00
0717	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN	18821.000	2.16	40727.33
0725	682-6520	LF	CONDUIT, FIBERGLASS, 2 IN	1230.000	28.82	35452.36
0730	935-1115	LF	OUT PLNT FBR OPT CBL,LOOSE TB,SM,48 FBR	9830.000	1.72	16992.63
0735	935-1512	LF	OUT PLNT FBR OPT CBL,DROP,SM,12 FBR	2493.000	1.24	3101.02
0740	935-3102	EA	FIBER OPTIC CLOSURE,UNDRGRD,12 FIBER	1.000	632.65	632.65
0745	935-3105	EA	FIBER OPTIC CLOSURE,UNDRGRD,48 FIBER	3.000	617.72	1853.16
0750	935-3402	EA	FBR OPTIC CLOSURE,FDC(RACK MTD),12 FBR	4.000	504.38	2017.54
0755	935-4010	EA	FIBER OPTIC SPLICE, FUSION	45.000	66.36	2986.53
0765	935-5050	EA	FIBER OPTIC PATCH CORD, SM	15.000	57.23	858.46
0770	935-6572	EA	EXT STAR TRNSCVR,1310SM,(SIGNAL JOBS)	2.000	2478.60	4957.20
0775	936-1001	EA	CCTV SYSTEM,TYPE B	2.000	5767.36	11534.72
0780	939-1112	EA	FIBER OPTIC VIDEO TRNSMTTR, 1310 SGL MD	2.000	2305.00	4610.00
0785	939-4040	EA	TYPE D CABINET	2.000	4319.97	8639.95
0790	939-5020	EA	ELEC PWR SVC ASSEMBLY,UNDRGRD SVC POINT	3.000	5725.00	17175.00
0800	543-9000	LS	CONSTR OF BRIDGE COMPLETE - BRIDGE 1 (REPLACE SIDE BARRIERS)	1.000	108000.00	108000.00
0805	543-9000	LS	CONSTR OF BRIDGE COMPLETE - BRIDGE 2	1.000	2306440.00	2306440.00
0855	441-0204	SY	PLAIN CONC DITCH PAVING, 4 IN	54.000	41.27	2228.59
0860	603-2181	SY	STN DUMPED RIP RAP, TP 3, 18"	134.000	53.79	7208.19
0865	603-2182	SY	STN DUMPED RIP RAP, TP 3, 24"	1124.000	50.97	57294.32
0870	603-2184	SY	STN DUMPED RIP RAP, TP 3, 30"	60.000	42.41	2544.93
0874	603-1224	SY	STN GROUTED RIP RAP, 24 IN	483.000	100.00	48300.00
0875	603-7000	SY	PLASTIC FILTER FABRIC	1801.000	2.62	4719.12
0880	700-6910	AC	PERMANENT GRASSING	36.000	770.45	27736.24
0885	700-7000	TN	AGRICULTURAL LIME	144.000	77.30	11131.95
0895	700-8000	TN	FERTILIZER MIXED GRADE	18.000	504.35	9078.44
0900	700-8100	LB	FERTILIZER NITROGEN CONTENT	1794.000	2.75	4950.58
0905	710-9000	SY	PERM SOIL REINFORCING MAT	1392.000	5.11	7118.59
0910	716-2000	SY	EROSION CONTROL MATS, SLOPES	40497.000	1.30	52701.58
1000	163-0232	AC	TEMPORARY GRASSING	18.000	338.33	6090.03
1005	163-0240	TN	MULCH	682.000	218.23	148836.45

STATE HIGHWAY AGENCY

DATE : 12/21/2011
PAGE : 5

JOB ESTIMATE REPORT

1015	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	9.000	314.70	2832.30
1019	163-0520	LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	936.000	14.43	13508.31
1020	163-0527	EA	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG	37.000	238.75	8833.76
1025	163-0528	LF	CONSTR AND REM FAB CK DAM -TP C SLT FN	2496.000	3.85	9618.91
1030	163-0531	EA	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO- 466+50, 473+50, 479+50, 31+50	4.000	3413.10	13652.41
1034	163-0542	EA	CONSTR & REM STONE FILTER RING	1.000	431.49	431.49
1035	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	114.000	233.13	26577.07
1040	165-0010	LF	MAINT OF TEMP SILT FENCE, TP A	5553.000	0.83	4648.25
1045	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	7726.000	1.10	8553.38
1050	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	1618.000	1.67	2706.64
1054	165-0060	EA	MAINT OF TEMP SEDIMENT BASIN,STA NO - 466+50, 473+50, 479+50, 31+50	4.000	839.16	3356.66
1055	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	9.000	132.25	1190.31
1070	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	114.000	80.61	9190.16
1074	165-0111	EA	MAINT OF STONE FILTER RING	1.000	130.46	130.47
1075	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	4.000	216.43	865.73
1080	167-1500	MO	WATER QUALITY INSPECTIONS	36.000	980.21	35287.69
1085	171-0010	LF	TEMPORARY SILT FENCE, TYPE A	11105.000	2.44	27100.98
1090	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	15451.000	2.81	43463.66
1205	682-9030	LS	LIGHTING SYSTEM INTERCHANGE LIGHTING	1.000	950000.00	950000.00

ITEM TOTAL 21434231.72
INFLATED ITEM TOTAL 21434231.72

TOTALS FOR JOB 522870-

ESTIMATED COST: 21434231.77
CONTINGENCY PERCENT (0.0): 0.00
ESTIMATED TOTAL: 21434231.77

PROJ. NO.	NH000-0111-01(024)
P.I. NO.	522870
DATE	12/21/2011

CALL NO.

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Dec-11	$ 3.209
DIESEL		$ 3.863
LIQUID AC		$ 567.00

Link to Fuel and AC Index:
http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

LIQUID AC ADJUSTMENTS

PA=[((APM-APL)/APL)]xTMTxAPL

Asphalt

Price Adjustment (PA)				**753423.93**	**$**	**753,423.93**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	$	907.20		
Monthly Asphalt Cement Price month project let (APL)			$	567.00		
Total Monthly Tonnage of asphalt cement (TMT)				2214.65		

ASPHALT	Tons	%AC	AC ton
Leveling	18692	5.0%	934.6
12.5 POLY-MOD	4022	5.0%	201.1
12.5 mm SP	3612	5.0%	180.6
25 mm SP	9436	5.0%	471.8
19 mm SP	8531	5.0%	426.55
	44293		**2214.65**

BITUMINOUS TACK COAT

Price Adjustment (PA)			**$**	**9,278.58**	**$**	**9,278.58**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	$	907.20		
Monthly Asphalt Cement Price month project let (APL)			$	567.00		
Total Monthly Tonnage of asphalt cement (TMT)				27.27389085		

Bitum Tack Gals	gals/ton	tons
6350	232.8234	27.2738909

BITUMINOUS TACK COAT (surface treatment)

PROJ. NO.	NH000-0111-01(024)		CALL NO.
P.I. NO.	522870		
DATE	12/21/2011		

Price Adjustment (PA)				**0**	**$ -**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	$	907.20	
Monthly Asphalt Cement Price month project let (APL)			$	567.00	
Total Monthly Tonnage of asphalt cement (TMT)				0	

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

TOTAL LIQUID AC ADJUSTMENT	**$ 762,702.51**

GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 11/18/2011 Project: NH000-0111-01(024)
Revised: County: Chatham
PI: 522870

Description: Construction of SR204 Interchange at King George Boulevard
Project Termini: SR204 at the King George Boulevard Interchange

Existing ROW: Varies
Parcels: 38 Required ROW: Varies

Land and Improvements		$4,674,375.00
Proximity Damage	$330,000.00	
Consequential Damage	$80,300.00	
Cost to Cures	$0.00	
Trade Fixtures	$0.00	
Improvements	$112,560.00	
Valuation Services		$125,750.00
Legal Services		$250,650.00
Relocation		$91,000.00
Demolition		$78,000.00
Administrative		$323,500.00
TOTAL ESTIMATED COSTS		$5,543,275.00
TOTAL ESTIMATED COSTS (ROUNDED)		***$5,544,000.00***

Preparation Credits	Hours	Signature
J.G. Simshauser	4	[signature]

Prepared By: [signature] CG#: 2777 DATE: 11-18-11
Approved By: [signature] CG#: 286999 DATE: 11/05/11

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

MEMO ADDENDUM

Date: November 18, 2011

Notes regarding advanced acquisitions/earlier expenditures toward project not included in spreadsheet/memo for concept cost estimate update

The following parcels have been acquired by GDOT as advanced acquisitions for the project. The actual acquisition costs are shown and are not included in the detailed estimate above.

Parcel H14	Lucke Investments	$1,040,000
Parcel E01	The Trellis	$4,000,000
Parcels H09, H10, H12	Gus Bell	$1,709,119
Parcel H15	Unemori Shigenobu, et al	$ 491,976
	Administration	$ 76,551
	Total Acquired to Date	$7,317,646
	Rounded to:	**$7,320,000**

J.G. Simshauser, Georgia CG#2772

FEDERAL HIGHWAY ADMINISTRATION

FINDING OF NO SIGNIFICANT IMPACT

FOR

GEORGIA PROJECT NH000-0111-01(024)
Chatham County
P.I. Number 522870

The selected alternative would replace the existing at-grade intersection of SR 204 and King George Boulevard with a partial cloverleaf interchange with loop ramps in the northwest and southeast quadrants. The project would begin just east of Pine Grove Road and end just west of Veterans Parkway. The proposed project length is approximately 1.53 miles.

An Environmental Assessment of the referenced project has been prepared by the Georgia Department of Transportation (GDOT) in consultation with the Federal Highway Administration (FHWA). The document was made available for public inspection as announced in a public notice, and comments were invited from all interested parties. Subsequent to the availability of the Environmental Assessment and the comment period, the Environmental Assessment was updated and has been furnished to the FHWA by the GDOT with the recommendation for a "Finding of No Significant Impact."

The FHWA, after reviewing the Environmental Assessment, finds that the project would have no significant impact on the human environment.

The Finding of No Significant Impact is based on the Environmental Assessment, which has been evaluated by FHWA and determined to adequately and accurately discuss the environmental issues and effects of the proposed project. The Environmental Assessment also provides sufficient evidence and analysis for determining that an environmental impact statement is not required. The FHWA takes full responsibility for the accuracy, scope and content of the attached Environmental Assessment.

4-6-12
DATE

Jennifer L. Gersch
FOR: RODNEY N. BARRY, P.E.
ASSISTANT DIVISION ADMINISTRATOR
FEDERAL HIGHWAY ADMINISTRATION

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT NUMBER: NH000-0111-01(024), CHATHAM COUNTY
P.I. NUMBER: 522870

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

Date of Location Design Approval: April 27, 2012

The project would construct a grade separated interchange at the intersection of SR 204/ Abercorn Street Extension and King George Boulevard (CR 71) in unincorporated Chatham County. The project would begin just east of Pine Grove Road (CR 68) and end just west of Veterans Parkway (CR 975), a distance of 1.5 miles. The project lies entirely within unincorporated Chatham County, Georgia Military District 7.

The purpose of the project is to improve travel time and reduce crash frequency along SR 204 at its intersection with King George Boulevard. The project would maintain four basic lanes along SR 204 with a concrete barrier median. SR 204 would be grade separated over King George Boulevard. The interchange ramp configuration would include loop ramps in the northwest and southeast quadrants, along with a semi-direct ramp from westbound SR 204 to northbound King George Boulevard. Interchange lighting would be included in the project. The construction of the project will be completed while maintaining two traffic lanes in each direction along SR 204. No roadway closures are anticipated.

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:

Mr. Troy Pittman, P.E., Area Engineer
Georgia Department of Transportation
630 West Boundary Street
Savannah, Georgia 31402
E-mail: tpittman@dot.ga.gov
Phone: (912) 651-2144

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:

Mr. Bobby Hilliard, P.E., State Program Delivery Engineer
Georgia Department of Transportation
600 West Peachtree Street, 25th Floor
Atlanta, Georgia 30308
E-mail: bhilliard@dot.ga.gov
Phone: (404) 631-1122

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.