

October 12, 2017

AMENDMENT TO ADVERTISED CONTRACT

CONTRACT I.D. NUMBER: B1CBA1701737-1

GEORGIA PROJECT NUMBER: CSBRG-0007-00 (128)

PCN: 0007128

COUNTY: CHATHAM

AMENDMENT NUMBER: 2

LETTING DATE: OCTOBER 20, 2017

LETTING NUMBER: 011

THE FOLLOWING CHANGES ARE HEREBY MADE TO THIS CONTRACT. THE BIDDER IS RESPONSIBLE FOR MAKING ANY NECESSARY CHANGES IN THE PROPOSAL. BIDDER SHALL ACKNOWLEDGE THIS AMENDMENT BY CHECKING THE APPROPRIATE SPACE ON THE PROPOSAL SIGNATURE PAGE.

ADD:

LINE NO.		DESCRIPTION	QUANTITY
0153	212-1000	GRANULAR EMBANKMENT, INCL MATL & HAUL	2300 CY

REVISE TO READ:

LINE NO.		DESCRIPTION	QUANTITY
0305	573-2006	UNDRR PIPE INCL DRAINAGE AGGR, 6 IN	6800 LF

CSBRG-0007-00 (128), Plans

1. **Delete** Plan Sheets 1, 4, 13, 17, and 18 from the plans, **and Substitute** the attached revised plan sheets 1, 4, 13, 17, and 18, dated 10/9/17, in the plans.

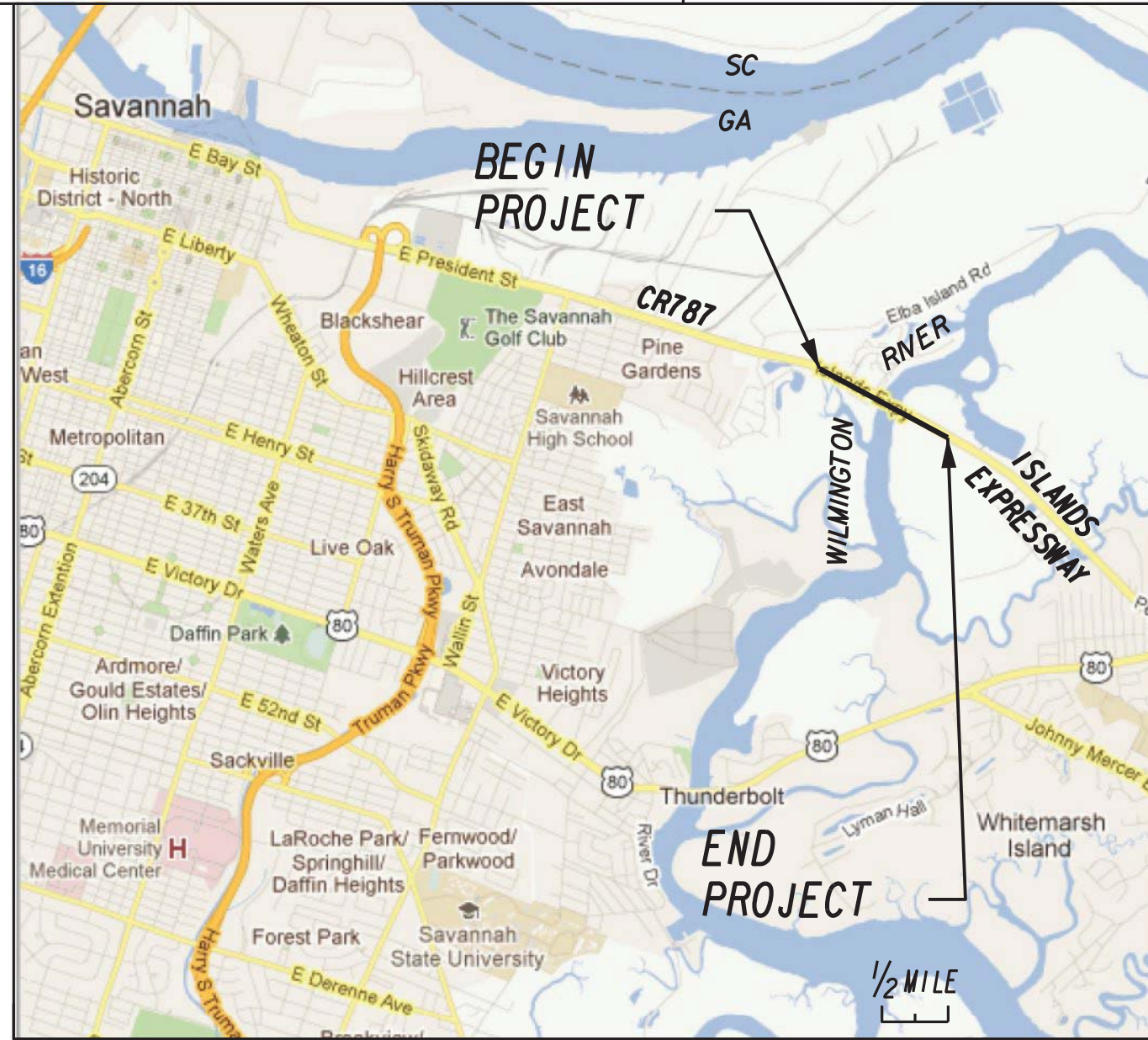
RICH WILLIAMS
STATE TRANSPORTATION OFFICE ADMINISTRATOR

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

PLAN AND PROFILE OF PROPOSED CR 787/ISLANDS EXPRESSWAY OVER THE WILMINGTON RIVER

FEDERAL AID PROJECT
CSBRG-0007-00(128)
CHATHAM COUNTY

FEDERAL ROUTE * N/A
STATE ROUTE * N/A
P.J.NO. 0007128



LOCATION SKETCH

MID-POINT COORDINATES
STA. 42+12.50
N 751791.0376
E 1008559.1640

DESIGN DATA:	ISLANDS EXPRESSWAY
TRAFFIC A.D.T.: 2019	22,000
TRAFFIC A.D.T.: 2039	26,900
TRAFFIC D.H.V.:	2,295
DIRECTIONAL DIST:	60/40
% TRUCKS:	2%
24 HR. TRUCKS %:	3.5%
SPEED DESIGN:	55 MPH

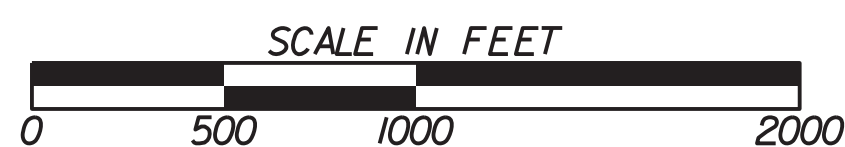
FUNCTIONAL CLASS:
ISLANDS EXPRESSWAY -
URBAN PRINCIPAL ARTERIAL

THIS PROJECT IS 100% IN
CHATHAM COUNTY AND IS
100% IN CONG. DIST. NO. 1.

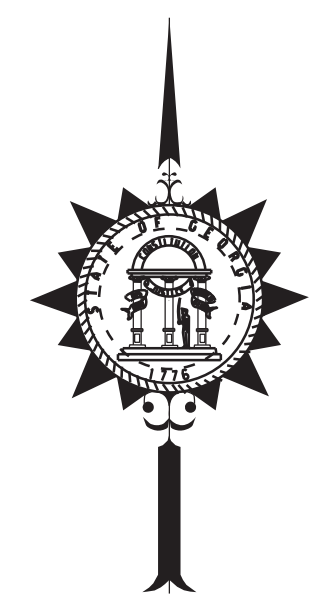
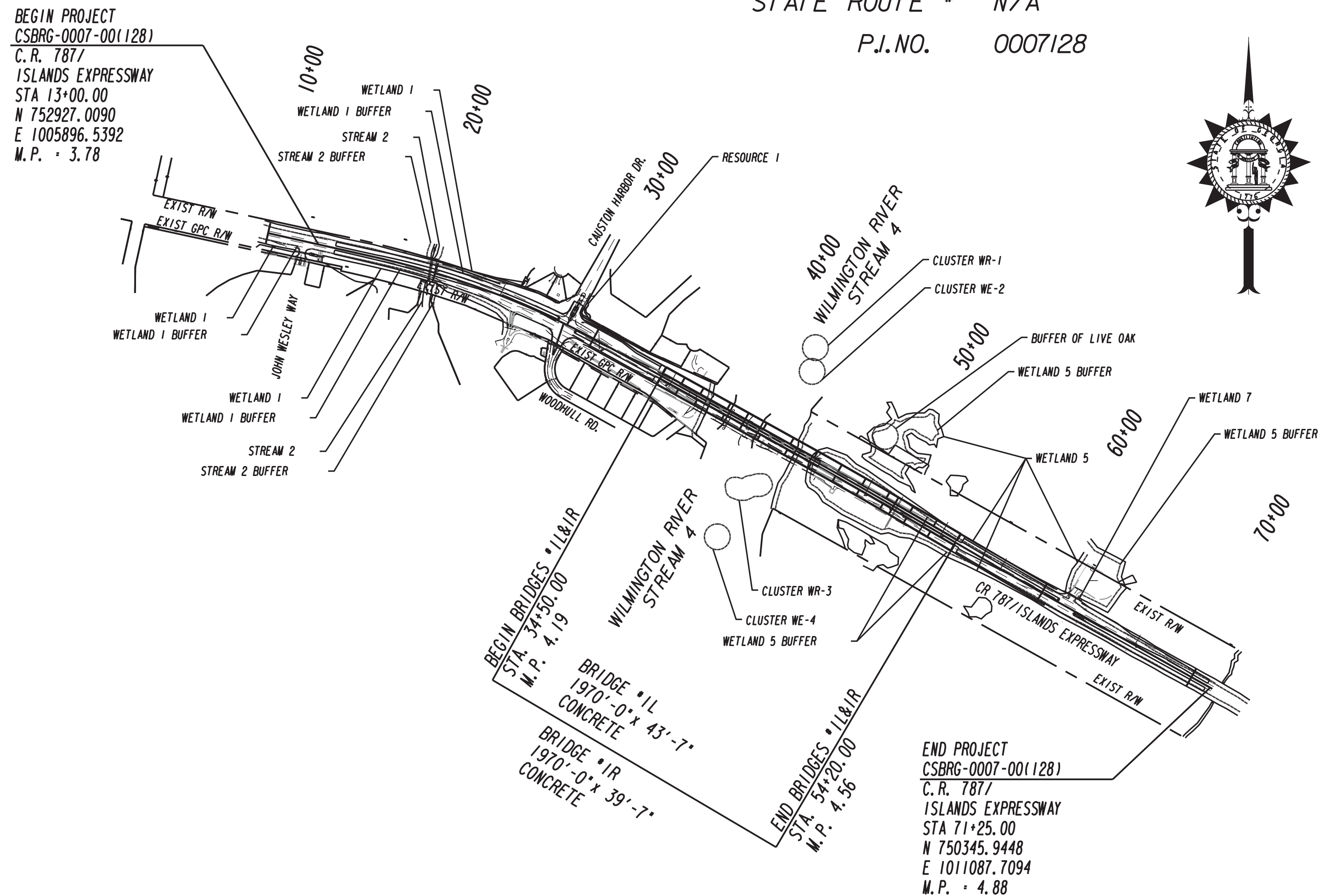
LOCATION AND DESIGN
APPROVAL DATE: 6/19/2015

THIS PROJECT HAS BEEN PREPARED
USING THE HORIZONTAL GEORGIA
COORDINATE SYSTEM OF 1984 (NAD
1983/94 EAST ZONE, AND THE NORTH
AMERICAN VERTICAL DATUM (NAVD)
OF 1988.

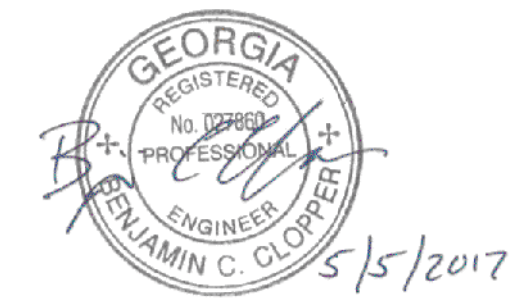
P.J. NO. 0007128
CHATHAM COUNTY



THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.



NOTE :
ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA"; "STATE HIGHWAY DEPARTMENT"; "GEORGIA STATE HIGHWAY DEPARTMENT"; "HIGHWAY DEPARTMENT"; OR "DEPARTMENT" WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.



PREPARED BY: MICHAEL BAKER INTERNATIONAL, INC.
DESIGN

RECOMMENDED FOR SUBMISSION BY: SCOTT MANN
PROJECT MANAGER

SUBMITTED BY: ALBERT SHELBY *Albert Shelby*
STATE PROGRAM DELIVERY ENGINEER

DATE: 5/8/17
CHIEF ENGINEER: *Manoel B. Puelo*

LENGTH OF PROJECT CSBRG-0007-00(128)	CHATHAM COUNTY No. 051
NET LENGTH OF ROADWAY	0.730
NET LENGTH OF BRIDGES	0.373
NET LENGTH OF PROJECT	1.103
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	1.103



PLANS COMPLETED	5-05-2017
REVISIONS	
07/05/2017 SHEETS 1,4,6,13,14,27,35-37.	
522,524-526,534-578	
07/28/2017 SHEETS 1-6,13,15,27,28,211.	
423,450,584,592A	
10/09/2017 SHEETS 1,4,13,17,18	

DATE	SHEET NO.	REVISION
7/5/2017	1, 4, 522	REVISION DATES ADDED
7/5/2017	6	ERIT WETLAND 5 LOCATION 3 BUFFER END STATION UPDATED.
7/5/2017	13	TEMPORARY DRAINAGE STRUCTURE *2 ADDED TO RIPRAP TABLE.
7/5/2017	13	TEMPORARY DRAINAGE STRUCTURES *1 AND 3 RIPRAP AND FILTER FABRIC UPDATED IN RIPRAP TABLE.
7/5/2017	14	J-07 RIPRAP AND FILTER FABRIC UPDATED.
7/5/2017	27	ENHANCED SWALE AT 20+50 RT UPDATED.
7/5/2017	35	RIPRAP TYPE UPDATED.
7/5/2017	36	ENHANCED SWALE AT 61+00 LT UPDATED.
7/5/2017	37	ENHANCED SWALE AT 67+40 LT UPDATED.
7/5/2017	524	WETLAND 5, EXEMPTION AND LOCATION 3 UPDATED. TEMP DRAINAGE STRUCTURES ADDED TO RIPRAP TABLE. STATE WATER BUFFER NOTE UPDATED.
7/5/2017	525	SAMPLING TABLE UPDATED.
7/5/2017	526	EFFECTIVE DATE UPDATED.
7/5/2017	534	OFFSETS ADDED TO TABLE.
7/5/2017	535-577	SILT FENCE UPDATED.
7/5/2017	551-557, 560-565, 567-573	DITCHES UPDATED.
7/5/2017	558-559, 562, 571-572, 576-577	Ds LABELS UPDATED.
7/5/2017	562	Ch2 LABEL ADDED.
7/5/2017	573A	SHEET ADDED.
7/5/2017	578	SAMPLING LOCATIONS UPDATED.
7/28/2017	1, 4	REVISION ADDED
7/28/2017	2	REMOVED SHEET 450
7/28/2017	3	REMOVED SHEET 584, ADDED SHEET 592A
7/28/2017	5	ADDED NOTE 3
7/28/2017	6	UPDATED ERIT TABLE
7/28/2017	13	ADDED GPS DATA COLLECTION AND SUBMITTAL PAY ITEM
7/28/2017	15	ADDED NATIVE RESTORATION AND RIPARIAN SEEDING PAY ITEM, CHANGED PLUG VALVE TO PLUG VALVE, 16 IN
7/28/2017	27	ADDED CHECK DAM TO ENHANCED SWALE
7/28/2017	28	CHANGED D-01 STRUCTURE TYPE
7/28/2017	211	ADJUSTED ELEVATION OF STRUCTURE D-01
7/28/2017	423	REVISED NOTES, ADDED RIPARIAN SEEDING TABLE, ADDED QUANTITIES
7/28/2017	450	SHEET REMOVED
7/28/2017	584	SHEET REMOVED
7/28/2017	592A	SHEET ADDED
10/09/2017	1, 4	REVISION ADDED
10/09/2017	13	ADDED QUANTITY FOR GRANULAR EMBANKMENT
10/09/2017	17	ADDED QUANTITY FOR UNDDR PIPE INCL DRAINAGE AGGR, 6 IN
10/09/2017	18	ADDED AMENDMENT *2 QUANTITY CHANGES

DATE	SHEET NO.	REVISION



REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION
07/05/2017		OFFICE: PROGRAM DELIVERY
07/28/2017		REVISION SUMMARY
10/09/2017		

CR 787/ISLANDS EXPRESSWAY

DRAWING No. 03-001

ROADWAY ITEMS	TON	TON	TON	SY	SY	SY	TON	TON	SY	GAL	LF	LF	GLM	LF	LF	EA	SY	LF	
RECYCLED ASPH CONC 12.5 INCH SUPERPAVE, CP 2 ONLY, INCL BITUM MATL & H LIME (165 LB/SY)																			
RECYCLED ASPH CONC 19 INCH SUPERPAVE, CP 1 OR 2, INCL BITUM MATL & H LIME (220 LB/SY)																			
RECYCLED ASPH CONC 25 INCH SUPERPAVE, CP 1 OR 2, INCL BITUM MATL & H LIME (330 LB/SY)																			
GRADED AGGR BASE CRS, 6 INCH, INCL MAT'L																			
GRADED ACGR BASE CRS, 8 INCH, INCL MAT'L																			
GRADED ACGR BASE CRS, 10 INCH, INCL MAT'L																			
RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (AS REQUIRED)																			
AGGREGATE SURFACE COURSE UNDESIGNED, DIRECTED BY PROJECT ENGINEER																			
MILL ASPH CONC PWMT, VARIABLE DEPTH																			
TACK COAT																			
CONCRETE HEADER CURB 6 IN, TP 2																			
CONC CURB & GUTTER, 8 IN X 30 IN, TP 2																			
INDENTATION RUMBLE STRIPS, GROUND-IN-PLACE (SNIP)																			
PWMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH																			
TEMPORARY BARRIER, METHOD NO. 1																			
PORTABLE IMPACT ATTENUATOR																			
REINF CONC APPROACH SLAB																			
BARRIER FENCE (ORANGE), 4 FT																			
CR 787/ISLANDS EXPRESSWAY	3226	2927	3256	6121		19732	1767	100	110	3616	260	580	3	10000	2555	2	552	9415	
TEMPORARY PAVEMENT	269	358		3255						391									
DRIVEWAY 25+07 RT	15	20			181					7									
DRIVEWAY 61+66 LT	41	55			502					20									
TOTAL	3551	3360	3256	9376	683	19732	1767	100	110	4034	260	580	3	10000	1555	2	552	9415	

GUARDRAIL QUANTITIES
GA. STDS. 4380, 4383, 4384

LOCATION & SIDE	TYPE (LIN FT)		ANCHORAGES		
	W	T	TP 1	TP 12A	TP 12B
17+47.00 TO 21+89.00, RT	442		1	1	
17+93.00 TO 25+25.00, LT	732		1	1	
29+50.00 TO 29+80.75, RT	31			1	
29+80.75 TO 30+00.00, RT		20			
32+98.00 TO 34+29.85, RT	132				1
34+29.85 TO 34+51.50, RT		22			
33+10.00 TO 34+43.36, LT	134				1
34+43.36 TO 34+51.50, LT		9			
54+18.50 TO 54+26.25, RT		8			
54+18.50 TO 54+40.14, LT		22			
54+26.65 TO 56+28.00, RT	202				1
54+40.14 TO 56+42.00, LT	202				1
60+47.50 TO 60+69.15, LT		22		1	
TOTALS	1875	103	2	4	4

NOTE: THE ACTUAL BEGINNING AND ENDING OF GUARDRAIL MAY BE ADJUSTED TO MEET FIELD CONDITION, AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL	LUMP
PROJ. NO. CSBRG-0007-001(28)	

GRADING COMPLETE	LUMP
PROJ. NO. CSBRG-0007-001(28)	

UNDDR PIPE INCL DRAINAGE ACGR, 6 IN	500
LF	

AS DIRECTED BY ENGINEER

CHANGEABLE MESSAGE SIGN, PORTABLE TYPE 3	4
EA	

FIELD ENGINEERS OFFICE, TP 3	1
EA	

FILTER FABRIC FOR EMBANKMENT STABILIZATION	3165
SY	

SEE DETAIL ON 4-003

GRANULAR EMBANKMENT, INCL MATL & HAUL	2300
CY	

SEE DETAIL ON 4-003

GPS DATA COLLECITON AND SUBMITTAL	1
LS	

TEMPORARY DRAINAGE, FOR INFORMATION ONLY

STRUCTURE NUMBER	LOCATION	1. ALLOWABLE PIPE MATERIALS -									APPROXIMATE GRADE OF PIPE	MAXIMUM HEIGHT OF FILL OVER PIPE	FLARED END SECTION GA. STD. 1120-STORM DRAIN	FLARED END SECTION GA. STD. 1120	FLARED END SECTION GA. STD. 1120-SIDE DRAIN	SAFETY END SECTION STORM DRAIN GA. STD. 1122	SAFETY INLET W/ GRATE, GA. CONST. DET. D-5 (CLASS A CONC. INCL REINF STEEL)	SAFETY GRATE, TP 1, GA. CONST. DET. D-6	TAPERED HEADWALL GA. STD. 1125 (CLASS A CONC. INCL REINF STEEL)	CONC. SPILLWAY, TP 3, GA. STD. 9013	FOUNDATION BK FILL MATL TYPE	CATCH BASINS, DROP INLETS, MANHOLES, & JB																
		18"	18"	18"	24"	24"	60"	18"	24"	30"												%	FEET	18 IN	24 IN	30 IN	18 IN					6" OR LESS	ADDL DEPTH	6" OR LESS	ADDL DEPTH	6" OR LESS	ADDL DEPTH	RIP RAP TYPE 1
		H 1-10	H 15-20	H 20-25	H 1-10	H 20-25	H 1-10	H 1-10	H 1-10	H 1-10											CU. YD.	EA	LF	EA	LF	EA	LF	SY	SY	SY								
SEE GENERAL NOTES (DWG NO. 4-01) FOR ALLOWABLE PIPE MATERIALS																																						
TEMPORARY DRAINAGE (FOR INFORMATION ONLY)																																						
D-01	21+50																																					
#1	29+00			82							0.42	H 1-10	1								15	1																
#2	31+50	13										H 1-10	1																									
#3	56+50			88							0.31	H 1-10	1								16	1																
TOTAL		13	0	170	0	0	0	0	0	0			3	0	0	0	0	0	0	0	31	2	0	1	0	1	0	0	24	24								

Michael Baker INTERNATIONAL
420 TECHNOLOGY PARKWAY, STE. 150
NORCROSS, GEORGIA 30092
(770) 263-9118

REVISION DATES

07/05/2017	
07/28/2017	
10/09/2017	

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY
SUMMARY QUANTITIES

CR 787/ISLANDS EXPRESSWAY

DRAWING NO. **06-001**

BRIDGES		
BRIDGE EXCAVATION, STREAM CROSSING	2401	CY
GRANULAR EMBANKMENT, INCL MATL & HAUL	237	CY
PREFORMED SILICONE JOINT SEAL, BR NO - 1 LT	80	LF
PREFORMED SILICONE JOINT SEAL, BR NO - 1 RT	72	LF
ELASTOMERIC PROFILE BRIDGE JOINT SEALS, BR NO - 1 LT	2	EA
ELASTOMERIC PROFILE BRIDGE JOINT SEALS, BR NO - 1 RT	2	EA
GROOVED CONCRETE	15760	SY
SUPERSTR CONCRETE, CL AA-1, BR NO - 1 LT (2955)	1	LS
SUPERSTR CONCRETE, CL AA-1, BR NO - 1 RT (2719)	1	LS
SUPERSTR CONCRETE, CL AAA, BR NO - 1 LT (78)	1	LS
SUPERSTR CONCRETE, CL AAA, BR NO - 1 RT (71)	1	LS
CONCRETE BARRIER	7867	LF
CLASS AA CONCRETE	6483	CY
STR STEEL	87794	LB
STR STEEL, BR NO - 1 LT (44453)	1	LS
STR STEEL, BR NO - 1 RT (44453)	1	LS
BRIDGE TIMBER, COMPOSITE MARINE, 10 IN X 10 IN	4233	LF
PLASTIC BRIDGE TIMBER	15	MBM
PSC BEAMS, SPCL DESIGN, BR NO - 1	21738	LF
PRESTRESSING CAST-IN-PLACE CONC, BR NO - 1 LT	1	LS
PRESTRESSING CAST-IN-PLACE CONC, BR NO - 1 RT	1	LS
BAR REINF STEEL	1253864	LB
SUPERSTR REINF STEEL, BR NO - 1 LT (603906)	1	LS
SUPERSTR REINF STEEL, BR NO - 1 RT (532964)	1	LS
PILING, PSC, 24 IN SQ	11778	LF
PILING, PSC, 30 IN SQ	9817	LF
TEST PILE, PSC, 24 IN SQ	10	EA
TEST PILE, PSC, 30 IN SQ	2	EA
LOAD TEST, PSC, 24 IN SQ (IF REQD)	2	EA
LOAD TEST, PSC, 30 IN SQ (IF REQD)	2	EA
PILOT HOLES	2580	LF
COMPOSITE MARINE PILING, 12 IN	7183	LF
DYNAMIC PILE TEST	13	EA
NAVIGATION LIGHTING, BR NO - 1	1	LS
REMOVAL OF EXISTING BRIDGE, STA NO - 38+80.00 LT	1	LS
REMOVAL OF EXISTING BRIDGE, STA NO - 38+80.00 RT	1	LS
DECK DRAIN SYSTEM, BR NO - 1 RT	1	LS
STN DUMPED RIP RAP, TP 1, 24 IN	480	SY
PLASTIC FILTER FABRIC	480	SY

CLASS B CONCRETE, RETAINING WALL	
CY	73

NAVIGATION LIGHTING, BR NO - 1 - PROJ. NO. CSBRG-0007-001(28)	
LUMP	

UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	
LF	6300

FOR USE WITH WICK DRAINS

MSE WALLS		
WALL NO. 1A		
MSE WALL FACE, 0-10 FT HT	568	SF
MSE WALL FACE, 10-20 FT HT	3137	SF
MSE WALL FACE, 20-30 FT HT	3678	SF
MSE WALL FACE, GTR THAN 30 FT HT	4556	SF
COPING A	6	LF
TRAFFIC BARRIER H	545	LF
VERTICAL DRAINAGE WICKS	41488	LF
WALL NO. 1B		
MSE WALL FACE, 10-20 FT HT	434	SF
MSE WALL FACE, 20-30 FT HT	786	SF
MSE WALL FACE, GTR THAN 30 FT HT	1802	SF
COPING A	84	LF
TRAFFIC BARRIER H	30	LF
ADDITIONAL MSE BACKFILL	569	CY
VERTICAL DRAINAGE WICKS	11850	LF
WALL NO. 1C		
MSE WALL FACE, 0-10 FT HT	1064	SF
MSE WALL FACE, 10-20 FT HT	2840	SF
MSE WALL FACE, 20-30 FT HT	1788	SF
COPING A	6	LF
TRAFFIC BARRIER H	449	LF
VERTICAL DRAINAGE WICKS	31365	LF
WALL NO. 1D		
SHORING	1	LS
WALL NO. 2A		
MSE WALL FACE, 0-10 FT HT	1056	SF
MSE WALL FACE, 10-20 FT HT	4063	SF
MSE WALL FACE, 20-30 FT HT	4811	SF
MSE WALL FACE, GTR THAN 30 FT HT	260	SF
COPING A	6	LF
TRAFFIC BARRIER H	624	LF
VERTICAL DRAINAGE WICKS	25145	LF
WALL NO. 2B		
MSE WALL FACE, 10-20 FT HT	921	SF
MSE WALL FACE, 20-30 FT HT	1296	SF
MSE WALL FACE, GTR THAN 30 FT HT	262	SF
COPING A	82	LF
TRAFFIC BARRIER H	30	LF
ADDITIONAL MSE BACKFILL	412	CY
VERTICAL DRAINAGE WICKS	10035	LF
WALL NO. 2C		
MSE WALL FACE, 0-10 FT HT	1584	SF
MSE WALL FACE, 10-20 FT HT	4019	SF
MSE WALL FACE, 20-30 FT HT	3294	SF
COPING A	6	LF
TRAFFIC BARRIER H	631	LF
VERTICAL DRAINAGE WICKS	48310	LF
WALL NO. 2D		
SHORING	1	LS



REVISION DATES	
10/09/2017	

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE: PROGRAM DELIVERY
SUMMARY QUANTITIES
 CR 787/ISLANDS EXPRESSWAY
 DRAWING NO. 06-005

