

1. INSTALL SIGNAL HEADS, LOOPS, LOOP LEADS, CABINET AND CONTROLLER, CONTROL, SIGNAL SPIN CABLE AND WIRES AS SHOWN.

2. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH NEW MARKINGS.

3. INSTALL 3" STOP BAR AND PAVEMENT ARROWS AS SHOWN.

4. INSTALL 4" WHITE AND 4" YELLOW LANE LINE PAVEMENT MARKING AS SHOWN.

**PROJECT NOTES:**

POLE LOCATIONS ARE APPROXIMATE. 24 HOUR NOTICE SHALL BE GIVEN BY CONTRACTOR TO SCOT'S INSPECTOR (803-737-4460) PRIOR TO DIGGING AND SETTING POLES. ALL POLES PER SCOT'S SPECIFICATIONS.

IF A PRE-CONSTRUCTION MEETING SHALL BE HELD ON SITE WITH THE SCOT'S DISTRICT SIGNAL SUPERVISOR PRIOR TO COMMENCEMENT OF THE MEETING SHALL BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE.

THE SCOT'S SIGNAL ELECTRICAL SERVICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4. ALL EQUIPMENT MATERIALS AND INSTALLATION PROCEDURES SHALL ADHERE TO THE SCOT'S SIGNAL EQUIPMENT SPECIFICATIONS FOR THE LATEST VERSION CONTACT SCOT'S TRAFFIC ENGINEERING IN COLUMBIA (803) 737-4460.

5. ALL PAVEMENT MARKINGS REMOVAL AND REPLACEMENT AS SHOWN ON THE PLANS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL INSTALLATION SHALL BE PER SCOT'S SPECIFICATIONS.

6. SCOT'S SIGNAL INSPECTION SHALL BE PRESENT FOR ALL LOOP CUTTING PRIOR TO CUTTING LOOPS. 24 HOURS ADVANCE NOTICE SHALL BE GIVEN BY CONTRACTOR TO SCOT'S ADVANCE INSPECTION (803-737-4460).



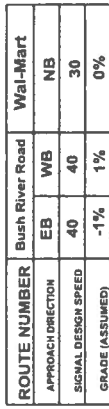
PHASE ON(A)	NON - CONFLICTING PHASE (B)	CONFLICTING PHASE - 1
1	5, 6, 8	2, 3, 4, 7, 9, 10
2	8, 9, 10, 11	1, 2, 3, 4, 7, 9
3	7, 8, 9	1, 2, 3, 4, 5, 6, 10, 11
4	7, 8, 9, 10	1, 2, 3, 4, 5, 6, 11
5	1, 2, 3	4, 5, 6, 7, 8, 9, 10, 11
6	1, 2, 3, 4	5, 6, 7, 8, 9, 10, 11
7	3, 4, 5	1, 2, 6, 7, 8, 9, 10, 11
8	3, 4, 6, 8	1, 2, 5, 7, 9, 10, 11

PHASE BANK 1									
	PANEL								
	1	2	3	4	5	6	7	8	9
WALK	0	7	7	7	7	7	7	7	7
DON'T WALK	1	15	15	15	15	15	15	15	15
MAX INITIAL	2	0	15	0	15	0	15	0	15
TYPE 1 LIMIT	3								
WALK	4								
NOV EXT	5	3.0	3.5	3.0	3.5	3.0	3.5	3.0	3.5
TIME BPH REDUC	6								
MIN GAP	7	3.0	3.5	3.0	3.5	3.0	3.5	3.0	3.5
MAX INIT	8	15	50	20	50	20	50	20	50
MAXIMUM 1	9								
DO-AYED WALK	A								
POST RED CL	B								
COND IV MIN	C								
TIME REDUC	D	0	4.0	4.3	4.0	4.3	4.0	4.3	4.0
YELLOW	E	2.0	2.0	2.5	2.0	2.5	2.0	2.5	2.0
RED CLAW	F	2.0	2.0	2.5	2.0	2.5	2.0	2.5	2.0

[illegible]

EXCLUSIVE PFD: \_\_\_\_\_  
WALK (F-0-0-0)= \_\_\_\_\_  
FLASH DON'T WALK (F-0-0-1)= \_\_\_\_\_  
RED CLEARANCE (F-0-0-2)= \_\_\_\_\_  
LONG POWER DOWN CORRECTION FACTOR (F-0-0-1)= \_\_\_\_\_  
SHORT POWER DOWN CORRECTION FACTOR (F-0-0-7)= \_\_\_\_\_

• LOOP DETECTOR INSTALLATION CHART •									
PHASE & LOOP-LET #	STACK SLOTT CHAM		WIRE TO PHASE	WIRE #	OH DET. NO	OPERATION DELAY REC	SPECIAL FEATURES	LOOP DESIGN	WIRE #
	NO.	NO.							
1	11	17			12				3
2	10	18	1	X	18				2
3	19	12			1				
4	20	12	2	X	5			1005	1
5	21	13	1		21			1045	2
6	22	13	2	X	21				
7	23	12			6				
8	24	12	1		18				
9	3	18	1		18				
10	4	18	1		28				
11	5	18	1	X	3			1005	1
12	6	17	1		7				
13	7	17	2		21				
14	8	18	1		11		6.7		
15	9	18	1		17				
16	10	17	2	X	17				
17	11	17	1		8			1005	1
18	12	17	2	X	8			1015	2
19	13	17	1		32				
20	14	17	2		38				
21	15	17	1		18				
22	16	17	2		11				
23	17	17	1		18				
24	18	17	2	X	4			1005	1
25	19	17	1		21			1005	2
26	20	17	2	X	21				
27	21	17	1		17				
28	22	17	2		11				
29	23	17	1		18				
30	24	17	2	X	4			1005	1
31	25	17	1		21			1005	2
32	26	17	2	X	21				
33	27	17	1		17				
34	28	17	2		11				
35	29	17	1		18				
36	30	17	2	X	4			1005	1
37	31	17	1		21			1005	2
38	32	17	2	X	21				
39	33	17	1		17				
40	34	17	2		11				
41	35	17	1		18				
42	36	17	2	X	4			1005	1
43	37	17	1		21			1005	2
44	38	17	2	X	21				
45	39	17	1		17				
46	40	17	2		11				
47	41	17	1		18				
48	42	17	2	X	4			1005	1
49	43	17	1		21			1005	2
50	44	17	2	X	21				
51	45	17	1		17				
52	46	17	2		11				
53	47	17	1		18				
54	48	17	2	X	4			1005	1
55	49	17	1		21			1005	2
56	50	17	2	X	21				
57	51	17	1		17				
58	52	17	2		11				
59	53	17	1		18				
60	54	17	2	X	4			1005	1
61	55	17	1		21			1005	2
62	56	17	2	X	21				
63	57	17	1		17				
64	58	17	2		11				
65	59	17	1		18				
66	60	17	2	X	4			1005	1
67	61	17	1		21			1005	2
68	62	17	2	X	21				
69	63	17	1		17				
70	64	17	2		11				
71	65	17	1		18				
72	66	17	2	X	4			1005	1
73	67	17	1		21			1005	2
74	68	17	2	X	21				
75	69	17	1		17				
76	70	17	2		11				
77	71	17	1		18				
78	72	17	2	X	4			1005	1
79	73	17	1		21			1005	2
80	74	17	2	X	21				
81	75	17	1		17				
82	76	17	2		11				
83	77	17	1		18				
84	78	17	2	X	4			1005	1
85	79	17	1		21			1005	2
86	80	17	2	X	21				
87	81	17	1		17				
88	82	17	2		11				
89	83	17	1		18				
90	84	17	2	X	4			1005	1
91	85	17	1		21			1005	2
92	86	17	2	X	21				
93	87	17	1		17				
94	88	17	2		11				
95	89	17	1		18				
96	90	17	2	X	4			1005	1
97	91	17	1		21			1005	2
98	92	17	2	X	21				
99	93	17	1		17				
100	94	17	2		11				
101	95	17	1		18				
102	96	17	2	X	4			1005	1
103	97	17	1		21			1005	2
104	98	17	2	X	21				
105	99	17	1		17				
106	100	17	2		11				
107	101	17	1		18				
108	102	17	2	X	4			1005	1
109	103	17	1		21			1005	2
110	104	17	2	X	21				
111	105	17	1		17				
112	106	17	2		11				
113	107	17	1		18				
114	108	17	2	X	4			1005	1
115	109	17	1		21			1005	2
116	110	17	2	X	21				
117	111	17	1		17				
118	112	17	2		11				
119	113	17	1		18				
120	114	17	2	X	4			1005	1
121	115	17	1		21			1005	2
122	116	17	2	X	21				
123	117	17	1		17				
124	118	17	2		11				
125	119	17	1		18				
126	120	17	2	X	4			1005	1
127	121	17	1		21			1005	2
128	122	17	2	X	21				
129	123	17	1		17				
130	124	17	2		11				
131	125	17	1		18				
132	126	17	2	X	4			1005	1
133	127	17	1		21			1005	2
134	128	17	2	X	21				
135	129	17	1		17				
136	130	17	2		11				
137	131	17	1		18				
138	132	17	2	X	4			1005	1
139	133	17	1		21			1005	2
140	134	17	2	X	21				
141	135	17	1		17				
142	136	17	2		11				
143	137	17	1		18				
144	138	17	2	X	4			1005	1
145	139	17	1		21			1005	2
146	140	17	2	X	21				
147	141	17	1		17				
148	142	17	2		11				
149	143	17	1		18				
150	144	17	2	X	4			1005	1
151	145	17	1		21			1005	2
152	146	17	2	X	21				
153	147	17	1		17				
154	148	17	2		11				
155	149	17	1		18				
156	150	17	2	X	4			1005	1
157	151	17	1		21			1005	2
158	152	17	2	X	21				
159	153	17	1		17				
160	154	17	2		11				
161	155	17	1		18				
162	156	17	2	X	4			1005	1
163	157	17	1		21			1005	2
164	158	17	2	X	21				
165	159	17	1		17				
166	160	17	2		11				
167	161	17	1		18				
168	162	17	2	X	4			1005	1
169	163	17	1		21			1005	2
170	164	17	2	X	21				
171	165	17	1		17				
172	166	17	2		11				
173	167	17	1		18				
174	168	17	2	X	4			1005	1
175	169	17	1		21			1005	2
176	170	17	2	X	21				
177	171	17	1		17				
178	172	17	2		11				
179	173	17	1		18				
180	174	17	2	X	4			1005	1
181	175	17	1		21			1005	2
182	176	17	2	X	21				
183	177	17	1		17				
184	178	17	2		11				
185	179	17	1		18				
186	180	17	2	X	4			1005	1
187	181	17	1		21			1005	2
188	182	17	2	X	21				
189	183	17	1		17				
190	184	17	2		11				
191	185	17	1		18				
192	186	17	2	X	4			1005	1
193	187	17	1		21			1005	2
194	188	17	2	X	21				
195	189	17	1		17				
196	190	17	2		11				
197	191	17	1		18				
198	192	17	2	X	4			1005	1
199	193	17	1		21			1005	2
200	194	17</							



SIGNAL NUMBER	CLEAR TO	PHASE A & B	BARKER
Y	1/8	R	R
Y	2	R	R
R	4	G	Y
Y	6	R	R
R	8	G	Y
R	8.1	G	Y
P-2	9	DW	DW
P-4	10	DW	DW
P-6	11	DW	DW
P-8	12	DW	DW

SIGNAL NUMBER	ALTERNATE PHASES		BARRIER		ALTERNATE PHASES	
	1	2-6 CLEAR TO	1	2-6 CLEAR TO	1	2-6 CLEAR TO
1.5	1	2-6	1	2-6	1	2-6
2	1	2-6	1	2-6	1	2-6
4	1	2-6	1	2-6	1	2-6
6	1	2-6	1	2-6	1	2-6
8	1	2-6	1	2-6	1	2-6
8.1	1	2-6	1	2-6	1	2-6
P. 2	1	2-6	1	2-6	1	2-6
P. 4	1	2-6	1	2-6	1	2-6
P. 6	1	2-6	1	2-6	1	2-6
P. 8	1	2-6	1	2-6	1	2-6

DATE	08-29-06
SCALE	1" = 40'
DRAWN BY	
CHECKED BY	
PROJECT NO.	

TRAFFIC SIGNAL PLAN	
S-273 (Bush River Road)	
&	
Wal-Mart Entrance / Zimacrest (S-1241)	
LaSington County	South Carolina
APPROVED	APPROVED
DISTRICT TRAFFIC ENGINEER	DISTRICT ENGINEERING ADMINISTRATOR



ONE (1), 8 PHASE FULLY ACTUATED STANDARD 2070 CONTROLLER WITH  
FLASHER, SIGNAL MONITOR UNIT, AND BASE MOUNTED CABINET.

(6) VEHICLE DETECTOR UNITS

**1000 FT. FIBER OPTIC CABLE FOR INTERCONNECT**

0.433

VEHICLE SIGNALS:

EXT. 

PROP. 

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