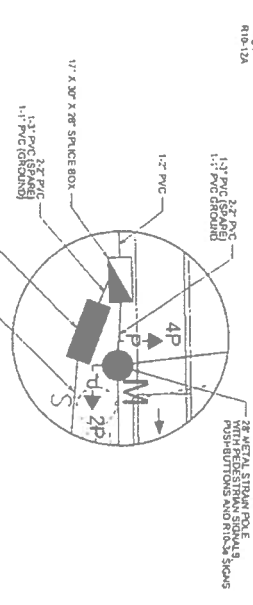
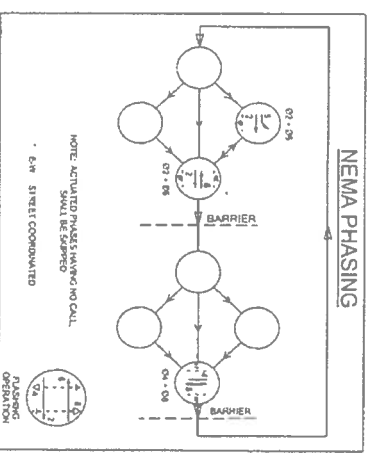


PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	30	15-19

SIGNAL EQUIPMENT											
ONEIL & PHASE FULLY ACTUATED STANDARD 2010 CONTROL WITH PLASMA SIGNAL MONITOR UNIT AND BASE - MOUNTED 20A CABINET											
5 MODEL 222 12-CHANNEL VEHICLE DETECTOR UNIT											
HEAD NUMBER	1	2	3	4	5	6	7	8	9	10	11
LENS	R	Y	G	R	Y	G	R	Y	G	R	Y
PHASE	0	1	2	3	4	5	6	7	8	9	10
QUANTITY	2	2	2	2	2	2	2	2	2	2	2
Q.D. 65 (PVA) Q.D. 65 (PVA)											

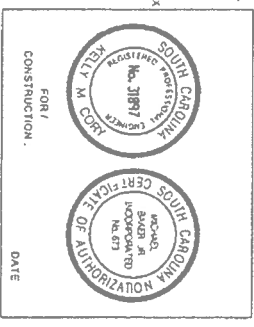


SIGNAL TIMINGS											
WALK	1	2	3	4	5	6	7	8	9	10	11
DOCK WALK	1	2	3	4	5	6	7	8	9	10	11
MAX WALK	1	2	3	4	5	6	7	8	9	10	11
MAX WALK	1	2	3	4	5	6	7	8	9	10	11
ADDITION	1	2	3	4	5	6	7	8	9	10	11
WALK	1	2	3	4	5	6	7	8	9	10	11
TIME TO REDUC	1	2	3	4	5	6	7	8	9	10	11
MAX UNIT	1	2	3	4	5	6	7	8	9	10	11
MAX UNIT	1	2	3	4	5	6	7	8	9	10	11
YELLOW	1	2	3	4	5	6	7	8	9	10	11
RED CLEAR	1	2	3	4	5	6	7	8	9	10	11

LOOP DETECTOR INSTALLATION CHART

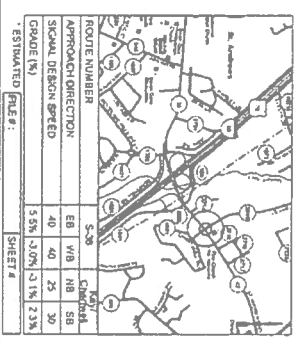
PHASE/ DETECTOR	WIRE	TO	LOCK	NON-LOCK	OPERATION	SPECIAL FEATURES	LOOP DESIGN
LOOP LTR	NO	NO	X	X	DELTA	EXT. TIME OF DAY, 100 SEC. SENSING, 100 SEC.	SIZE: 6' X 6' DIST: 4' FROM 8'
2A			X	X			6' X 6' 4' 205'
2B			X	X			6' X 6' 4' 205'
4A			X	X			6' X 6' 4' 205'
4B			X	X			6' X 6' 4' 205'
5A			X	X			6' X 6' 4' 205'
5B			X	X			6' X 6' 4' 205'
6A			X	X			6' X 6' 4' 205'
6B			X	X			6' X 6' 4' 205'
7A			X	X			6' X 6' 4' 205'
7B			X	X			6' X 6' 4' 205'
8A			X	X			6' X 6' 4' 205'
8B			X	X			6' X 6' 4' 205'
9A			X	X			6' X 6' 4' 205'
9B			X	X			6' X 6' 4' 205'
10A			X	X			6' X 6' 4' 205'
10B			X	X			6' X 6' 4' 205'
11A			X	X			6' X 6' 4' 205'
11B			X	X			6' X 6' 4' 205'

NOTE:
Install Detectors on all Signal Heads
Configure with existing variables for
Forward of Control and Phase
Remove all existing Traffic Signal
Equipment, Power and Stop Signs to SCOOT
Presenting a new signal head and power
from the SCOOT Traffic Engineering office
and the City of Columbia.



SCDOT
South Carolina Department of Transportation
Post Office Box 191
Columbia, South Carolina 29202
©

DATE	REVISIONS
10/2013	1
10/2013	2
10/2013	3
10/2013	4
10/2013	5
10/2013	6
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10/2013	97
10/2013	98
10/2013	99
10/2013	100



300' from stopbar

*SEE E-MAIL ATTACHED
2+6 Timing Revisions only
Nothing to 4,5 or 8