Int - 1272

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—SIGNAL EQUIPMENT—

ONE (1) 8 PHASE FULLY ACTUATED STANDARD 170 CONTROLLER WITH FLASHER, SIGNAL MONITOR UNIT, AND POLE (BASE) MOUNTED 336S (332A) CABINET. EXT. ▭ PROP. ▬

7 MODEL 222, (2)-CHANNEL VEHICLE DETECTOR UNITS

PEDESTRIAN SIGNALS: EXT. P PROP. P W/ACT. & SIGN

VEHICLE SIGNALS: EXT. ○—▷ PROP. ●→

SIGNAL NUMBER	5.2	2		6		7A	7		8A	8	
LENS	R Y G	R Y G		R Y G		R Y G	R Y G		R Y G	R Y G	
PHASE	5.2	2		6		7	7		8	8	
SIZE	12"	12"		12"		12"	12"		12"	12"	
QUANTITY	1	1		2		3	1		2	2	

OLA=____ OLC=____
OLB=____ OLD=____

METAL POLES AS NECESSARY: EXT. ○ PROP. ●M
WOOD POLES AS NECESSARY: EXT. ● PROP. ●W

Install 12+12+12 1-12+12+12 Loops 80' 8gray

Install 1-12+12+12 1-12+12+12 Loops 75' 4gray 350' 4gray

Install 1-12+12+12 Directional Bore To Signal Pole 350' 4gray 300' 4gray

Install 1-12+12+12 Loops 6x30 Quads Shop Box

Install LA,LB Loops

Reuse 7A 7B 7C Loops 6x30 Quads

N

DUTCH SQUARE SHOPPING CENTER

PARKING

PARKING

S-31 BUSH RIVER ROAD

REMOVE EXISTING POLE
CONTACT SCE&G FOR EXISTING BACK GUY

13" X 28' STEEL POLE
PLACE (2) PEDESTRIAN PUSH BUTTONS AND SIGNS

300'

150'

PVC JUNCTION BOX
2" PVC CONDUIT

REMOVE EXISTING STEEL POLE
REMOVE EXISTING CABINET AND FOUNDATION
13" X 28' STEEL POLE
(1) PUSH BUTTON AND SIGN
NEW ELECTRIC SERVICE
3" PVC CONDUIT
3" PVC CONDUIT
332 BASE MOUNT CABINET
REMOVE EXISTING WOOD POLE

PVC JUNCTION BOX
1" PVC CONDUIT

PVC JUNCTION BOX

SYSTEM DETECTION
-B OUTBOUND
(2) 6' X 6' LOOPS

SYSTEM DETECTION
-A INBOUND
(2) 6' X 6' LOOPS

PVC JUNCTION BOX

EXISTING POWER POLE

1" PVC CONDUIT
13" X 28' STEEL POLE
PLACE (2) PEDESTRIAN PUSH BUTTONS AND SIGNS

1" PVC CONDUIT

PVC JUNCTION BOX

BANK

Install 12+12+12 30'-1.in pvc 75'-8 gray

Recut 8A 8B 8C 8D Loops 6x30 Quads

REMOVE EXISTING STEEL POLE
CONTACT SCE&G FOR FLOOD LIGHT REMOVAL
13" X 28' STEEL POLE
(1) PEDESTRIAN PUSH BUTTON AND SIGN

Recut 5A Loop 6x30 Quad

Install 2+12+12+12 30' 1in-pvc 75' 4-gray

Install Over Head From Cabinet To Steel 8 gray 300'

120'

Install 2A 2B Loops 6x6

S-31 BUSH RIVER ROAD

CLOTHING STORE

COLONIAL LIFE BLVD.

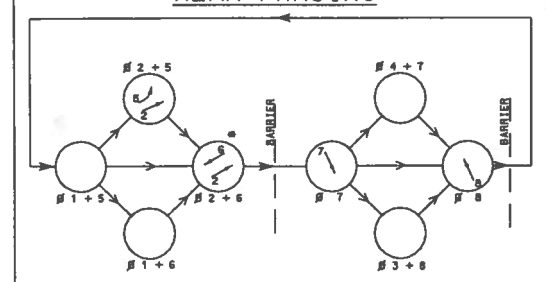
Trench To Nearest Wood Pole 120' 1.in pvc
Install 2-12+12+12
Pull Over Head From Wood Pole To Steel Signal Pole
3/8 span And 4 con Gray
230' 3/8 span
400' 4gray

NOTES:
NEW 332 CABINET
NEW LOOPS, HEADS, RISERS AND ELECTRICAL SERVICE
INSTALL (6) PEDESTRIAN PUSH BUTTONS WITH (6) SIGNS (R10-3-9)
INSTALL (4) NEW STEEL POLES
REMOVE EXISTING CABINET, BASE AND ELECTRICAL SERVICE
REMOVE EXISTING POLES, CONTACT SCE&G WHERE NOTED
REMOVE ALL EXISTING WIRE, CONDUIT, EQUIPMENT, ETC.
TIMINGS WILL BE PROVIDED BY THE DISTRICT TRAFFIC ENGINEER

PUSH BUTTON AND SIGN LOCATE

FED. ROAD DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	RICHLAND			S-31	1	7

NEMA PHASING



NOTE: ACTUATED PHASES HAVING NO CALL, SHALL BE SKIPPED.

● E-W STREET COORDINATED

FLASHING OPERATION

SCDOT
Post Office Box 191
Columbia, South Carolina 29202

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DATE	REVISIONS

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION
COLUMBIA S.C.

SUBJECT TITLE: BUSH RIVER ROAD TRAFFIC SIGNAL SYSTEM

SPECIFIC LOCATION: S-31 BUSH RIVER ROAD & COLONIAL LIFE BLVD. / DUTCH SQUARE MALL

CITY N/A | COUNTY RICHLAND

DESIGNED	LEH
DRAWN	LEH
CHECKED	
REVIEWED	
RECOMMENDED	

APPROVED BY (DIR. OF TRAFFIC ENGINEERING) | APPROVED BY (DIRECTOR)

SCALE	DATE	SHEET NO.	INDEX NO.
1"=30'	12/11/98	1 OF 7	(40)99-17A

Complete 5-7-08

1564

INTERSECTION 1