



ALL ENTRANCE FITTINGS SHALL FACE CABLE CLOSURE  
UNLESS BALANCE ADJUSTER IS USED.

CABLE CLOSURE

1. PROVIDE A MINIMUM OF FOUR TERMINAL BLOCKS WITH SEPARATE SCREW TYPE TERMINALS, SIX ON EACH SIDE.
2. INSTALL SEPARATE CABLE BETWEEN CLOSURE & EACH TRAFFIC SIGNAL ASSEMBLY. WIRE EACH TRAFFIC SIGNAL SECTION SEPARATELY BACK TO CABLE CLOSURE. JUMPERS BETWEEN TERMINALS ARE NOT ALLOWED EXCEPT ON NEUTRAL CONDUCTORS.
3. WIRE ALL SIGNALS, SAME DIRECTION FROM CONTROLLER, SEPARATELY WITH CONDUCTORS IN 21 CONDUCTOR CABLE, EVEN IF INDICATIONS ARE IDENTICAL.
4. PREVENT CONNECTORS, TERMINAL POSTS AND CONDUCTORS FROM CONTACT WITH CLOSURE COVER AND SECURELY WRAP WITH ELECTRICAL TAPE OR RUBBER MASTIC TAPE.
5. WHEN CONNECTING INTERCONNECT CABLE, FOLD SHIELD BACK AND SECURELY GROUND TO CLAMP ASSEMBLY.

SIGNAL ASSEMBLY & CABLE USED		SIGNAL FUNCTION	ARTERY 1	ARTERY 2	SIDE STREET 1	SIDE STREET
2 - WAY  9 CONDUCTOR	RED	RED			BLACK	
	YELLOW	ORANGE			WHITE \ BLACK	
	GREEN	GREEN			BLUE	
	SPARE	GREEN \ BLACK *			RED \ BLACK *	
	NEUTRAL	WHITE				
3 - WAY  12 CONDUCTOR	RED	RED	RED \ BLACK		BLACK	
	YELLOW	ORANGE	ORANGE \ BLACK		WHITE \ BLACK	
	GREEN	GREEN	GREEN \ BLACK		BLUE	
	SPARE	BLUE \ BLACK	BLACK \ WHITE			
	NEUTRAL	WHITE				
4 - WAY  15 CONDUCTOR	RED	RED	RED \ BLACK		BLACK	RED \ WHITE
	YELLOW	ORANGE	ORANGE \ BLACK		WHITE \ BLACK	BLACK \ WHITE
	GREEN	GREEN	GREEN \ BLACK		BLUE	GREEN \ WHITE
	SPARE	BLUE \ BLACK *			BLUE \ WHITE *	
	NEUTRAL	WHITE				

SIGNAL ASSEMBLY & CABLE USED	SIGNAL FUNCTION	WIRE COLOR
WALK SIGNAL W/ PUSHBUTTON  5 CONDUCTOR	DON'T WALK	RED
	WALK	GREEN
	NEUTRAL FOR WALK SIGNAL	WHITE
	PEDESTRIAN PUSHBUTTON	BLACK
	NEUTRAL FOR PUSHBUTTON	ORANGE
WALK SIGNAL W/ PUSHBUTTON  7 CONDUCTOR	RED	RED
	YELLOW	ORANGE
	GREEN	GREEN
	NEUTRAL FOR TRAFFIC SIGNAL	WHITE
	PEDESTRIAN PUSHBUTTON	BLACK
	NEUTRAL FOR PUSHBUTTON	WHITE \ BLACK
	SPARE CONDUCTOR **	BLUE \ BLACK

\*\* IF 14/7 FEEDS MORE THAN ONE BUTTON, SPLIT THE BUTTONS  
AND USE BLUE WITH BLACK TRACER FOR THE ADDITIONAL BUTTON.

1 - SERRATED METAL TABBED LOCKRING (TAB MUST BE FULL WIDTH OF RING)  
2 - NEOPRENE GASKET  
3 - STEEL WASHER  
4 - STEEL HEX NUT  
5 - STEEL CONDUIT LOCKNUT  
6 - PLASTIC BUSHING (ONLY IN JUNCTION BOX OR  
7 - OCTAGONAL CAP NIPPLED DOWN TRAFFIC SIGNAL)  
8 - SPAN WIRE CLAMP  
9 - STEEL WIRE OUTLET BODY,  
FEMALE ONLY  
10 - NIPPLE, STEEL  
11 - HEX NUT, STEEL, NOTCHED  
W/SETSCREWS

OFFICE OF TRAFFIC ENGINEERING  
CADD

1 SIGNAL STAND 6 STD

REVISIONS		
NO.	DATE	DESCRIPTION

[illegible]

TYPICAL CONSTRUCTION DETAILS  
FOR TRAFFIC SIGNALS

APPROVED D.P. McCall DATE 2-9-96  
SUPERVISING ENGINEER - ELEC.  
PRINCIPAL ENGINEER - ELEC.

SCALE	NONE	ORIGINAL	SIGNED
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SHEET 13E  
OF 19

620/2Q