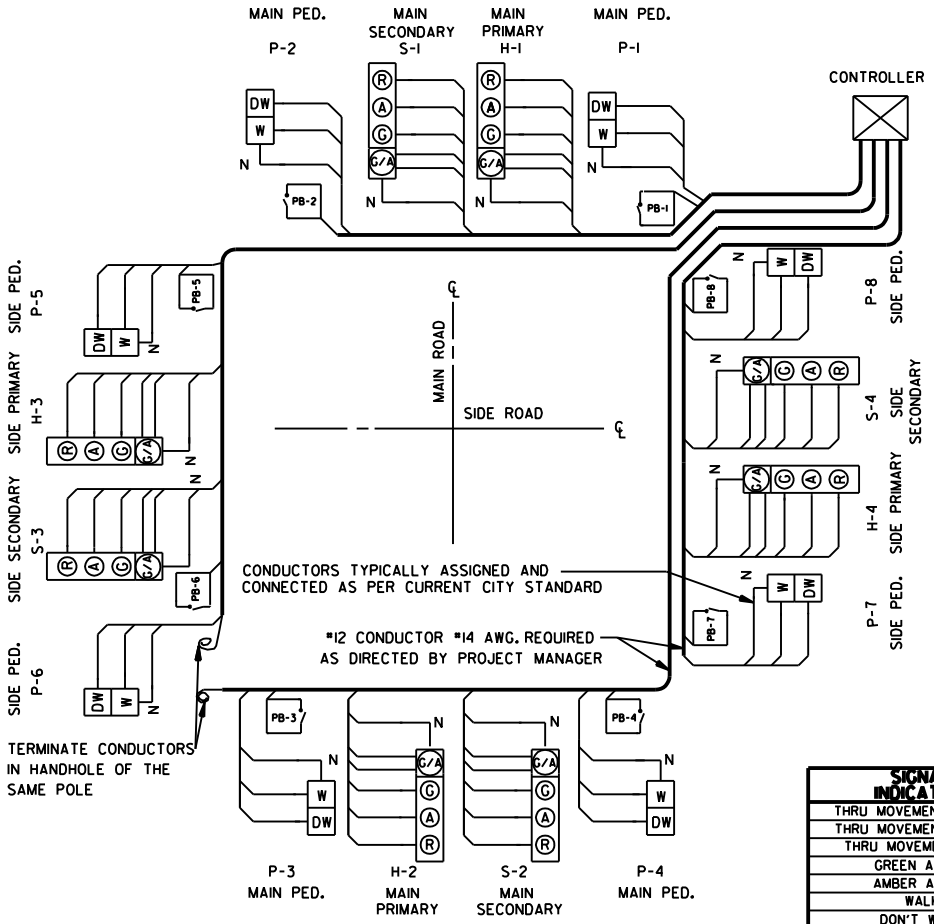
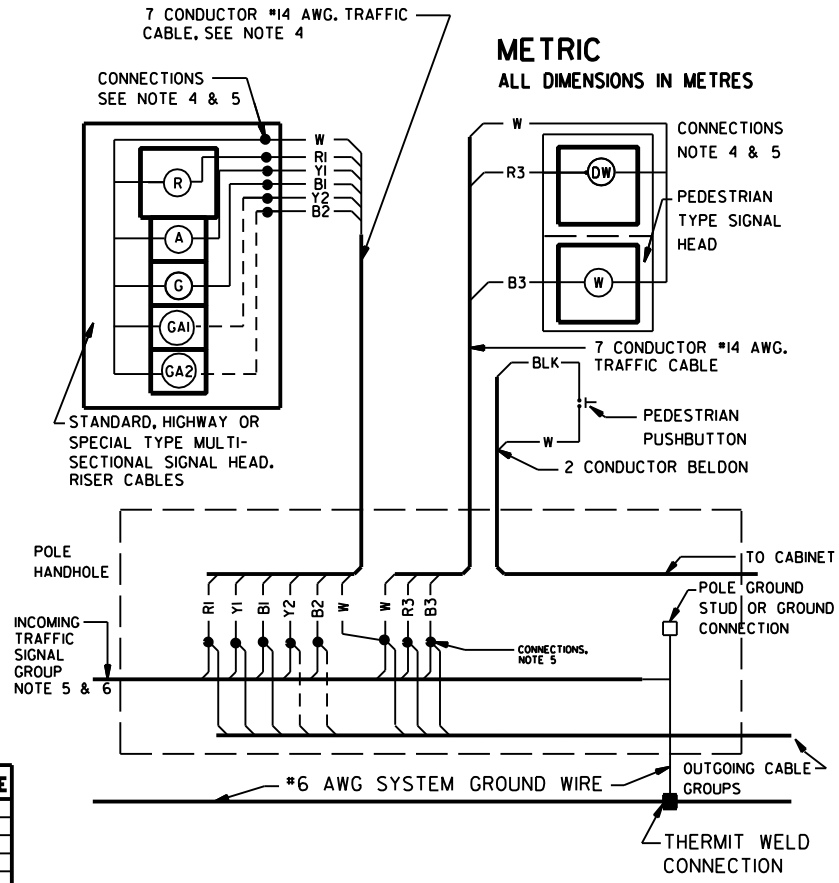


STANDARD WIRING SCHEMATIC

SIGNAL INDICATION	M.T.O. CABLE
THRU MOVEMENT GREEN	BLUE ONE
THRU MOVEMENT AMBER	YELLOW ONE
THRU MOVEMENT RED	RED ONE
GREEN ARROW	BLUE TWO
AMBER ARROW	YELLOW TWO
WALK	BLUE THREE
DON'T WALK	RED THREE
SIGNALS NEUTRAL	WHITE

TRAFFIC SIGNAL ASSIGNMENT SCHEDULE



TYPICAL SCHEMATIC POLE WIRING DETAILS

NOTES

1. 12 /*14 AWG. SIGNAL CABLE AS PER CSA STANDARD C-148-2-1963 SHALL BE INDEPENDENTLY RAN AROUND EACH LEG OF THE INTERSECTION, TO SERVICE A SINGLE DIRECTION. ALL CABLES SHALL BE BROUGHT UP INTO THE APPROPRIATE HANDHOLES. ALL CONNECTIONS TO BE MADE AT ABOVE GROUND ELEVATION IN THE POLE HANDHOLE.
2. SIGNAL HEAD AND PUSHBUTTON CONNECTIONS SHALL BE MADE AS SHOWN IN DETAIL.
3. WHERE ADDITIONAL FUNCTIONS ARE REQUIRED, ADDITIONAL 7 CONDUCTOR CABLE SHALL BE RUN TO THE POLES CONCERNED.
4. ALL SIGNAL HEAD RISER CABLES (FROM THE POLE HANDHOLES) SHALL BE 7 CONDUCTOR CABLE, WITH UNUSED CONDUCTORS TERMINATED WITH INSULATED SPRING TYPE CONNECTORS.
5. ALL HANDHOLE CONNECTIONS AND TERMINATIONS SHALL BE MADE WITH INSULATED SPRING TYPE CONNECTORS, MARR No.33 OR EQUAL. BUNDLE AND TAPE ALL GROUPS OF CONNECTORS NEATLY IN POLE HANDHOLE. LEAVE 1500mm LOOPS OF EACH CABLE COILED IN THE NEAREST HANDWELL AND 500mm IN EACH POLE.
6. ALL CONDUCTORS DESIGNATED AS GROUND SHALL BE BONDED AT THE POLE GROUND STUD. A *6 AWG TYPE TWU (GREEN) SYSTEM GROUND WIRE SHALL BE RUN CONTINUOUSLY THROUGH THE SYSTEM AND CONNECTED TO EACH POLE GROUND STUD AND FIELD GROUND PLATES.

MISSISSAUGA
Leading today for tomorrow

STANDARD

TRAFFIC SIGNAL WIRING DETAILS

OPTION 2 - 12 CONDUCTORS

EFF. DATE 05-04			SCALE N.T.S.
REV.	1		STANDARD No. 2600.017