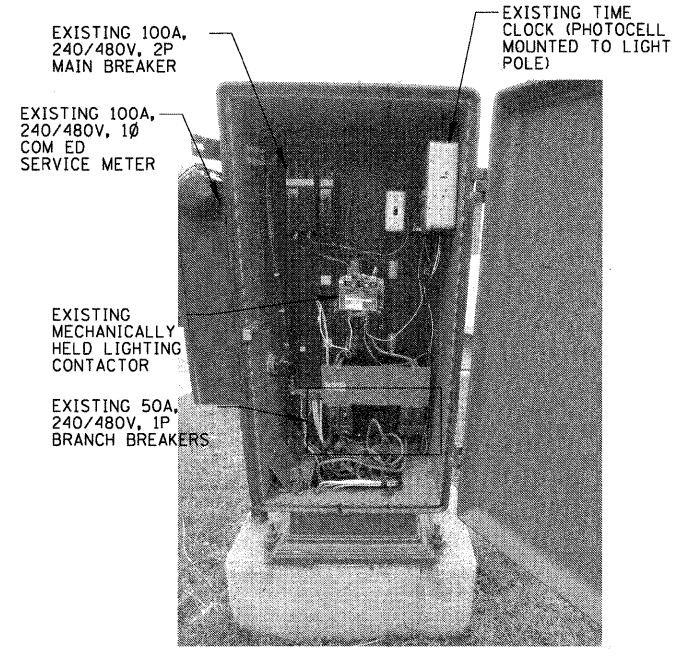


ONE LINE CIRCUIT DIAGRAM
N.T.S.



EXISTING LIGHTING CONTROLLER "LC1"

LOCATED ON NORTH SIDE OF WELLINGTON AVE.
BETWEEN 78TH AVE. AND 77TH CT.

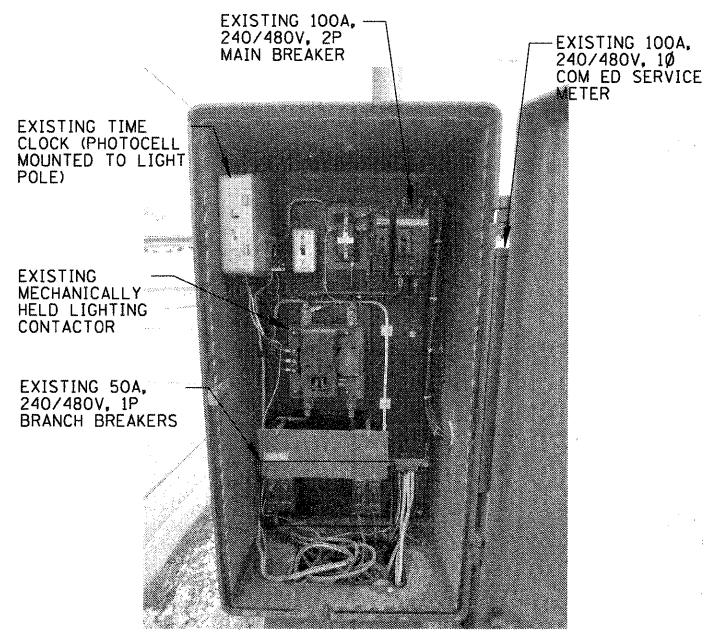
DESCRIPTION OF WORK

CONTRACTOR SHALL TAKE FULL MAINTENANCE OF EXISTING LIGHTING CONTROLLER & LIGHTING SYSTEM DURING CONSTRUCTION OF THIS CONTRACT. THIS WORK SHALL INCLUDE MAINTENANCE OF LIGHTING UNITS, CABLE RUNS AND LIGHTING CONTROLS. IN CASE OF A POLE KNOCKDOWN OR EQUIPMENT DAMAGED BY EITHER THE MOTORING PUBLIC OR CONTRACTOR OPERATIONS, THE CONTRACTOR SHALL CLEAR AND RESTORE THE EXISTING SYSTEM TO ORIGINAL CONDITION (SEE CONTRACT SPECIFICATIONS).

PROPOSED LIGHTING SHALL BE CONNECTED TO EXISTING BRANCH LIGHTING CIRCUITS, AS SHOWN ON THE PLANS. NO WORK IS PROPOSED TO THIS CONTROLLER, IT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.

LIGHTING CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)
EX. BRANCH CKT NO. 1	25.9 A (240V)
EX. BRANCH CKT NO. 2	24.5 A (240V)
EX. BRANCH CKT NO. 7	16.0 A (240V)
EX. BRANCH CKT NO. 8	15.0 A (240V)
TOTAL LOAD ON EX. CONTROLLER "LC1"	40.7 A (480V, 1Ø)

NOTE: TABULATED LOADS INCLUDE PROPOSED LIGHT POLES.



EXISTING LIGHTING CONTROLLER "LC2"

LOCATED ON NORTH SIDE OF WELLINGTON AVE.
BETWEEN 76TH AVE. AND 76TH CT.

DESCRIPTION OF WORK

CONTRACTOR SHALL TAKE FULL MAINTENANCE OF EXISTING LIGHTING CONTROLLER & LIGHTING SYSTEM DURING CONSTRUCTION OF THIS CONTRACT. THIS WORK SHALL INCLUDE MAINTENANCE OF LIGHTING UNITS, CABLE RUNS AND LIGHTING CONTROLS. IN CASE OF A POLE KNOCKDOWN OR EQUIPMENT DAMAGED BY EITHER THE MOTORING PUBLIC OR CONTRACTOR OPERATIONS, THE CONTRACTOR SHALL CLEAR AND RESTORE THE EXISTING SYSTEM TO ORIGINAL CONDITION (SEE CONTRACT SPECIFICATIONS).

PROPOSED LIGHTING SHALL BE CONNECTED TO EXISTING BRANCH LIGHTING CIRCUITS, AS SHOWN ON THE PLANS. NO WORK IS PROPOSED TO THIS CONTROLLER, IT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.

LIGHTING CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)
EX. BRANCH CKT NO. 1	21.8 A (240V)
EX. BRANCH CKT NO. 2	17.8 A (240V)
EX. BRANCH CKT NO. 7	19.4 A (240V)
EX. BRANCH CKT NO. 8	16.7 A (240V)
TOTAL LOAD ON EX. CONTROLLER "LC2"	37.9 A (480V, 1Ø)

NOTE: TABULATED LOADS INCLUDE PROPOSED LIGHT POLES.