

DESCRIPTION OF WORK

CONTRACTOR SHALL MODIFY EXISTING LIGHTING CONTROLLER FOR PROPOSED LICHTING CIRCUIT. THIS WORK SHALL INCLUDE ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO ROUTE NEW CONDUIT AND WIRING INTO CONTROLLER BASE, ADD NEW BRANCH CIRCUIT BREAKER, POWER DISTRIBUTION BLOCK(S) AND MAKE ALL NECESSARY ELECTRICAL CONNECTIONS, MODIFICATIONS TO THE EXISTING LIGHTING CONTROLLER.

PROPOSED CIRCUIT BREAKERS & WIRING SHALL BE LABELED WITH CIRCUIT MARKERS. ALL EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL.

WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "MODIFY EXISTING LIGHTING CONTROLLER,"

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).

LIGHTING CONTRO	CONTROLLER LOADS	
DESCRIPTION OF LOAD	LOAD (AMPS)	
NEW BRANCH CIRCUIT NO. 9	2 A	
TOTAL LOAD ON EX. CONTROLLER "B"	90 A	

EXISTING LIGHTING CONTROLLER "B"

LOCATED ON SOUTH SIDE OF HARVARD ST. BETWEEN MARENGO AVE. & ELGIN AVE.

-EXISTING COM ED SERVICE METER MOUNTED ON BACK SIDE OF CABINET 100A, 240/480. MEAKER EXISTING 15A TIME CLOCK CIRCU BREAKER ONTACTOR **2** 9 PROVIDE POWER DISTRIBUTION PLOCK(S) FOR EXISTING & PROPOSED BRANCH JRCUIT BREAKERS. CONTACTOR SHALL NOT BE "DOUBLE LUGGED." PROVIDE & INSTALL NEW GROUND/NEUTRAL BUS -EXISTING TIME CLOCK MOUNTED TO CABINET DOOR LIGHTING CONTROLLER BASE CONTRACTOR SHALL PROVIDE & INSTALL NEW 20A, 240V, 1P, BOLT-ON TWY RANCH CIRCUIT BREAKER (PROPOSED ER (PROPOSED

TLE NAME :

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LIGHTING (CONTROLLER LOADS	
DESCRIPTION OF	LOAD	LOAD (AMPS)
NEW BRANCH CIRCUIT NO. 3		2 A
TOTAL LOAD ON EX. CONTROLLER	"R"	38 A

EXISTING LIGHTING CONTROLLER "R"

LOCATED ON SOUTH SIDE OF HARVARD ST. BETWEEN LATHROP AVE. & FERDINAND AVE.

CORE EXISTING CONCRETE
FOUNDATION OR BACK/SIDE
OF THE CONTROLLER BASE
TO ROUTE NEW 1" CONDUIT
WITH 1/C #10, 1/C #10
NEUTRAL & 1/C #10 GND
FOR PROPOSED LIGHTING

240/480V EXISTING 75A,-240V, 2P LIGHTING TING 15A CLOCK UIT BREAKER CONTACTOR OWER TON BLOCK(S) RANCH EXISTING (4) 40A REAKER. 240V, 1P BRANCH CIRCUIT BREAKER E & INSTALL NEW ∠NEUTRAL BUS CONTRACTOR SHALL PROVIDE CONTRACTOR SHALL PROV CORE EXISTING CONCRETE FOUNDATION OR BACK/SIDE OF THE CONTROLLER BASE TO ROUTE NEW 1" CONDUIT WITH 1/C *10, 1/C *10 END FOR PROPOSED LIGHTING

EXISTING 100A 240/480V, 2P DISCONNEC BREAKER/SWITCH

-EXISTING 100A COM ED SERVICE METER

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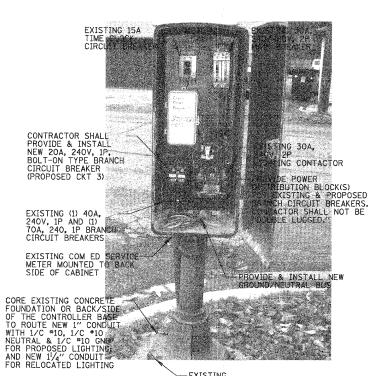
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LIGHTING CONTRO	DLLER LOADS
DESCRIPTION OF LOAD	LOAD (AMPS)
NEW BRANCH CIRCUIT NO. 3	2 A
TOTAL LOAD ON EX. CONTROLLER "C"	45 A

EXISTING LIGHTING CONTROLLER "C"

LOCATED ON SOUTH SIDE OF HARVARD ST. BETWEEN THOMAS AVE. & HANNAH AVE.



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LIGHTING CONTRO	DLLER LOADS
DESCRIPTION OF LOAD	LOAD (AMPS)
NEW BRANCH CIRCUIT NO. 3	2 A
TOTAL LOAD ON EX. CONTROLLER "Q"	18 A

CONTROLLER PEDESTAL BASE

EXISTING LIGHTING CONTROLLER "Q"

LOCATED ON SOUTH SIDE OF HARVARD ST. BETWEEN FERDINAND AVE. & BELOIT AVE.

	USER NAME = JBARNETT	DESIGNED -	REVISED -		MARIAN LIGHTING ISSENSITA LISTIAND OF	F.A.U. SECTION	COUNTY TOTAL SHEET	리
√əch\LDT_070082_0	1.SHT	DRAWN -	REVISED -	STATE OF ILLINOIS	ROADWAY LIGHTING IMPROVEMENTS - HARVARD ST.	1702 07-00106-00-PV	SHEETS NU.	-
	PLOT SCALE = 20'	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	LIGHTING DETAILS (1 OF 3)	1102 01-00108-00-1 (CONTRACT NO 63148	-
	PLOT DATE = 2/18/2009	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT	-