







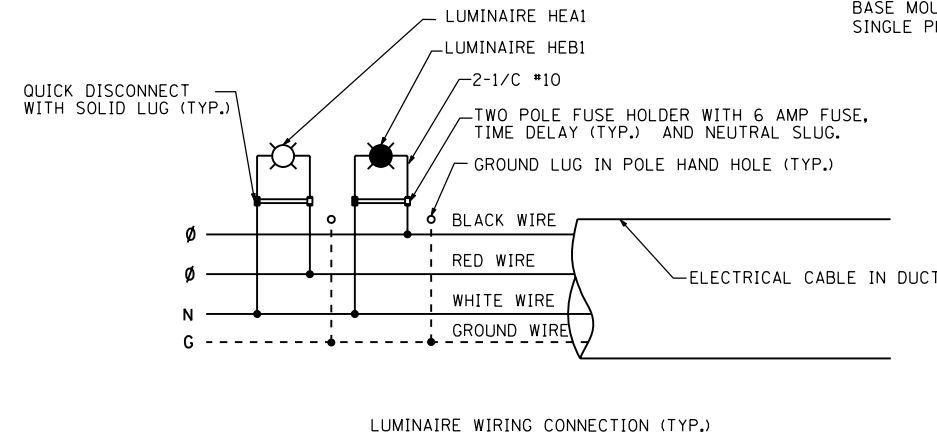
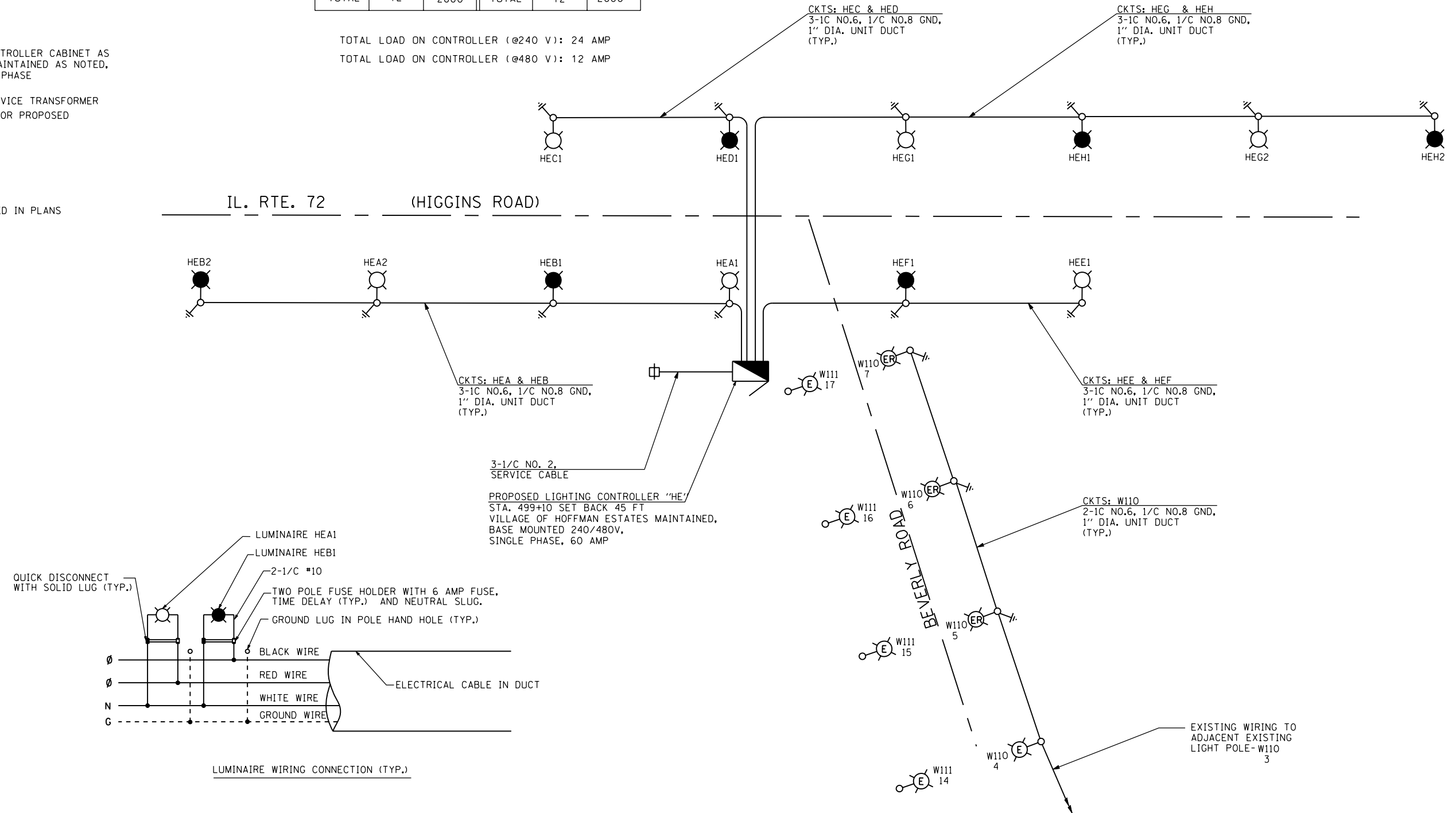


LEGEND


-  PROPOSED LIGHTING UNIT
47.5' M.H., 15' M.A., 400W, 240V HPS
COBRA HEAD LUMINAIRE, TYPE MC-III,
TRANSFORMER BASE BREAKAWAY
(RED PHASE)
-  PROPOSED LIGHTING UNIT
47.5' M.H., 15' M.A., 400W, 240V HPS
COBRA HEAD LUMINAIRE, TYPE MC-III,
TRANSFORMER BASE BREAKAWAY
(BLACK PHASE)
-  EXISTING RELOCATED LIGHTING UNIT
-  EXISTING LIGHTING UNIT
TO REMAIN IN PLACE
-  PROPOSED LIGHTING CONTROLLER CABINET AS
NOTED, SINGLE DOOR, MAINTAINED AS NOTED,
60A, 240/480V, SINGLE PHASE
-  PROPOSED ELECTRIC SERVICE TRANSFORMER
BY COMED ON EXISTING OR PROPOSED
UTILITY WOOD POLE
-  ELECTRIC GROUND ROD
-  UNIT DUCT, AS SPECIFIED IN PLANS

LOAD TABLE PROPOSED LIGHTING CONTROLLER "HE" (@ 240 VOLTS)					
CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	4	960	B	4	960
C	2	480	D	2	480
E	2	480	F	2	480
G	4	960	H	4	960
TOTAL	12	2880	TOTAL	12	2880

TOTAL LOAD ON CONTROLLER (@240 V): 24 AMP
TOTAL LOAD ON CONTROLLER (@480 V): 12 AMP



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 USER: SM
 USERNAME:


GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

DESIGNED - SM	REVISED -
DRAWN - SM	REVISED -
CHECKED - PKG/MA	REVISED -
DATE - 4/30/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 72 - HIGGINS RD
AT BEVERLY RD AND AT ROCK ROAD DR

PROPOSED SINGLE LINE DIAGRAM

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-071-N	COOK/KANE	56	37
CONTRACT NO. 60P90				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

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