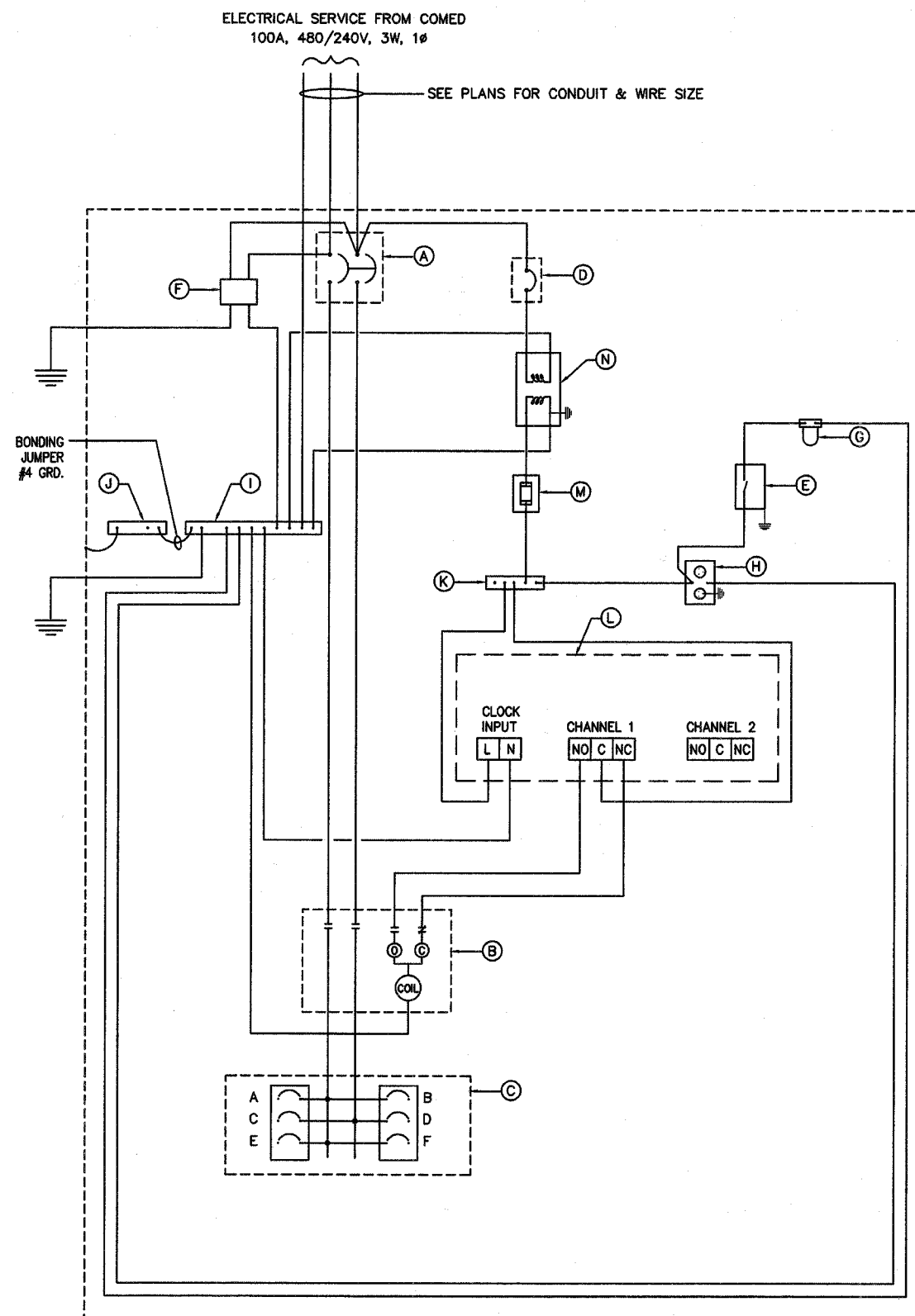


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2545	*	WILL	147	145
FED/ROAD DIST. NO. 7	BLANDS	FED. AID PROJECT		

* 98-00036-19-FP

CONTRACT NO. 83896



EXISTING CONTROL CABINET WIRING DIAGRAM
NOT TO SCALE

BILL OF MATERIALS		
ITEM	QTY.	DESCRIPTION
(A)	1	MAIN CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 600V, 100A FRAME, 100A NON-INTERCHANGEABLE TRIP, INTERRUPTING RATING OF NOT LESS THAN 65,000 RMS SYMMETRICAL AMPS AT 480V
(B)	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2-POLE, SINGLE THROW, 100A, 480V, ASCO 920, MOUNTED ON SUB PANEL, 120V COIL
(C)	1	PANELBOARD INTERIOR ONLY, 240/480V, SINGLE PHASE WITH 200A COPPER MAINS (6) 1P-50A BOLT-ON BRANCH CIRCUIT BREAKERS EACH RATED 277V WITH INTERRUPTING CAPACITY OF NOT LESS THAN 65,000 RMS AMPERES AT 480V.
(D)	1	CONTROL CIRCUIT CIRCUIT BREAKER, 1-POLE, 277V, 100A FRAME, 20A NON-INTERCHANGEABLE TRIP, INTERRUPTING RATING OF NOT LESS THAN 65,000 RMS SYMMETRICAL AMPERES AT 480V.
(E)	1	MICRO SWITCH (MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR OPENED)
(F)	1	BRACKET MOUNTED SURGE ARRESTER FOR 240/480V, 3W SERVICE
(G)	1	60W, VAPOR-TIGHT INCANDESCENT LTG. FIXTURE WITH GLOBE, GUARD AND MOUNTING BOX
(H)	1	GFI RECEPTACLE, 120V, 15A, PREMIUM SPEC. GRADE, NEMA REF. 5-15R IN WP BOX W/ FLAP TYPE COVER
(I)	1	NEUTRAL BUS 1/4"x1"x12" WITH LUGS & SPARE LUGS
(J)	1	GROUND BUS, 1/4"x1"x12" WITH LUGS & SPARE LUGS
(K)	1	BUS 1/4"x1"x12" WITH LUGS & SPARE LUGS
(L)	1	2 CHANNEL, 7 DAY DIGITAL TIME SWITCH WITH ASTRONOMIC OPTION. TIMER SHALL BE TORK MODEL #DZS200A.
(M)	1	20 AMP, 120V FUSE
(N)	1	1.5KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240/480V PRIMARY, 120/240V SECONDARY, 60 HZ.

FOR INFORMATION ONLY

NO.	DATE	REVISION	BY

WILL COUNTY DEPARTMENT OF HIGHWAYS

PLAINFIELD-NAPERVILLE ROAD (C.H. 14)
ROADWAY RECONSTRUCTION
EXISTING LIGHTING CONTROLLER WIRING DIAGRAM

McDonough Associates Inc.
Engineers/Architects

DESIGNED BY: JES
CHECKED BY: KMY
DRAWN BY: JES

SCALE:
N.T.S.

DRAWING ID: 0
PLOT DATE: 0