



ITEM	SPECIFICATION	MFG./MODEL NO. OR APPROVED EQUAL
① MICROWAVE RADIO	SEE "MICROWAVE SYSTEMS" SPECIFICATION	N/A
② POWER SUPPLY CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 22KAIC	SIEMENS NO. ED41B015
③ CABINET HEATER/FAN CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 22KAIC	SIEMENS NO. ED41B015
④ CABINET HEATER	800W - 120V WITH INTEGRAL THERMOSTAT	HOFFMAN NO. DAH8001B
⑤ CABINET FAN	THERMOSTAT CONTROLLED 450 CFM MIN. COOLING CABINET FAN (WITH FAN FILTER)	HOFFMAN NO. A10AXFN
⑥ POWER SUPPLY	120V INPUT TO -48VDC OUTPUT SEE "MICROWAVE SYSTEMS" SPECIFICATION	N/A
⑦ COAXIAL CABLE SURGE PROTECTOR	SEE "MICROWAVE SYSTEMS" SPECIFICATION	N/A
⑧ BACK PANEL	1/2" THICK SOLID PHENOLIC LAMINATE	ARBORON
⑨ POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQUIRED	MARATHON
⑩ SURGE PROTECTOR	120VAC W/ 340V-20KA SERIES CHOKE & 5ns RESPONSE (SEE "COMM. CABINET & EQUIPMENT")	N/A
⑪ F.O. PATCH PANEL	SEE "FIBER OPTIC WORK" SPECIFICATION	N/A

NUMBER, SIZE AND ORIENTATION OF CONDUITS AS SHOWN ON THE PLANS AND ON DETAIL DT-50

SEE NOTES 6 AND 7

CABINET DETAIL  
CONCRETE BASE MOUNTED  
(MODEL 334)

NOTES

- REFER TO SPECIAL PROVISIONS FOR CABINET DETAILS AND ADDITIONAL REQUIREMENTS.
- CABINET ENTRIES INCLUDE VERTICAL ARRANGEMENT FOR MAJOR EQUIPMENT ITEMS ONLY.
- INSTALL ADDITIONAL ITEMS ON SIDE AND BACK PANELS PER THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL INSTALL INSULATED BUSHINGS AND DUCT SEALANT AT ALL CONDUIT BEND TERMINATIONS IN FOUNDATIONS.
- CONCRETE BASE TO BE FORMED AT LEAST 6.0 in ABOVE THE GROUND SURFACE.
- CONCRETE BASE MUST BE CAST IN PLACE.
- ALL WORK SHOWN SHALL BE PAID FOR UNDER ITEM "COMMUNICATIONS CABINET AND EQUIPMENT", EXCEPT THE RADIO, COAX CABLE, DC POWER SUPPLY, COAX SURGE SUPPRESSOR, PATCH PANEL AND F.O. CABLING WHICH SHALL BE PAID FOR SEPARATELY.

WIRING DETAIL  
N.T.S.

COMPONENT SCHEDULE

DAN RYAN COMMUNICATIONS CABINET DETAIL

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

FILE NAME =	USER NAME = omerico	DESIGNED	AJD	REVISED	-
N:\dot\090122\Mech\090122.19_SurCabinet\Detail.02.sht		DRAWN	KWB	REVISED	-
	PLOT SCALE = 20'	CHECKED	JPC	REVISED	-
	PLOT DATE = 3/22/2013	DATE	3/21/2013	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ITS CENTER-TO-CENTER INTEGRATION PROJECT  
DETAILS (3 OF 3)

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-0871	COOK	20	19
				CONTRACT NO. 60134
ILLINOIS FED. AID PROJECT				