



**INTERCONNECT SCHEMATIC LEGEND**

- EXISTING INTERSECTION CONTROLLER ☒
- PROPOSED INTERSECTION CONTROLLER ☒
- EXISTING MASTER CONTROLLER EMC
- PROPOSED MASTER CONTROLLER MC
- MASTER MASTER CONTROLLER MMC
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS ☐
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS ☐
- EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F ---(24)---
- PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F ---(24)---
- EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE ---(12)---
- PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE ---(12)---
- EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED ---(6)---
- PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED ---(6)---
- EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED ---(2)---
- PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED ---(2)---
- EXISTING ELECTRIC CABLE 1/C (AS SPECIFIED) ---(1)---
- PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED) ---(1)---
- EXISTING TELEPHONE CONNECTION ☐

**SCHEDULE OF QUANTITIES**

PAY ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
INTERCEPT EXISTING CONDUIT	EACH	8
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 24F	FOOT	9389
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	9389

FILE NAME = 34_INI_RAND_Schematic.dgn	USER NAME = @USER@	DESIGNED - CH	REVISED -
		DRAWN - KM	REVISED -
		CHECKED - MJL	REVISED -
		DATE - 1/27/2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT SCHEMATIC  
U.S. ROUTE 12 (RAND ROAD) - FROM OLD HICKS ROAD TO KENNICOTT DRIVE  
IL ROUTE 68 (DUNDEE ROAD) - FROM HICKS ROAD TO RAND ROAD**

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

<b>JACOBS</b>		ONE NORTH FRANKLIN CHICAGO IL, 60606 312-251-3000	
F.A.P. RTE. 334	SECTION 2008-08-3I	COUNTY COOK	TOTAL SHEETS 80 SHEET NO. 38
			CONTRACT NO. 60F87
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			