



**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	9,965
HANDHOLE	EACH	15
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	14,157
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	300
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125. MM12F SM24F	FOOT	14,157
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

**NOTES**

- CONTRACTOR SHALL INSTALL FIBER OPTIC INTERCONNECT AND TRACER CABLE BETWEEN WOODSTOCK ST AND CRYSTAL LAKE AVE BUT NO CONNECTIONS SHOULD BE MADE AT THE CONTROLLER CABINET. FIBER OPTIC AND TRACER CABLE ARE FOR FUTURE USE.
- CONTRACTOR SHALL INSTALL FIBER OPTIC INTERCONNECT AND TRACER CABLE BETWEEN CRYSTAL LAKE AVE AND DOLE AVE. CRYSTAL LAKE AVE INTERSECTION SHALL BE CONNECTED TO THE ECON 23 SYSTEM AT MAIN ST.

NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

**TRAFFIC SIGNAL SYSTEM INTERCONNECT SCHEMATIC**

ECON 21 AND 23

**EJM ENGINEERING, INC.**  
411 South Wells Street Suite 1000  
Chicago, Illinois 60607



FILE NAME =	USER NAME = pccrcochl	DESIGNED - GR	REVISED - 1 LP 7/10/2014
S:\MFD\Design\LP_Revise\62517 - US 14\CD\DD_Sheets\0162517-SHT-TC-SCHEMATIC.dgn		DRAWN - GR	REVISED -
		CHECKED - RS	REVISED -
		DATE - 10/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>US RTE. 14</b>	
<b>TRAFFIC SIGNAL INTERCONNECT SCHEMATIC</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2TR-3	MCHENRY	431	319
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62517	