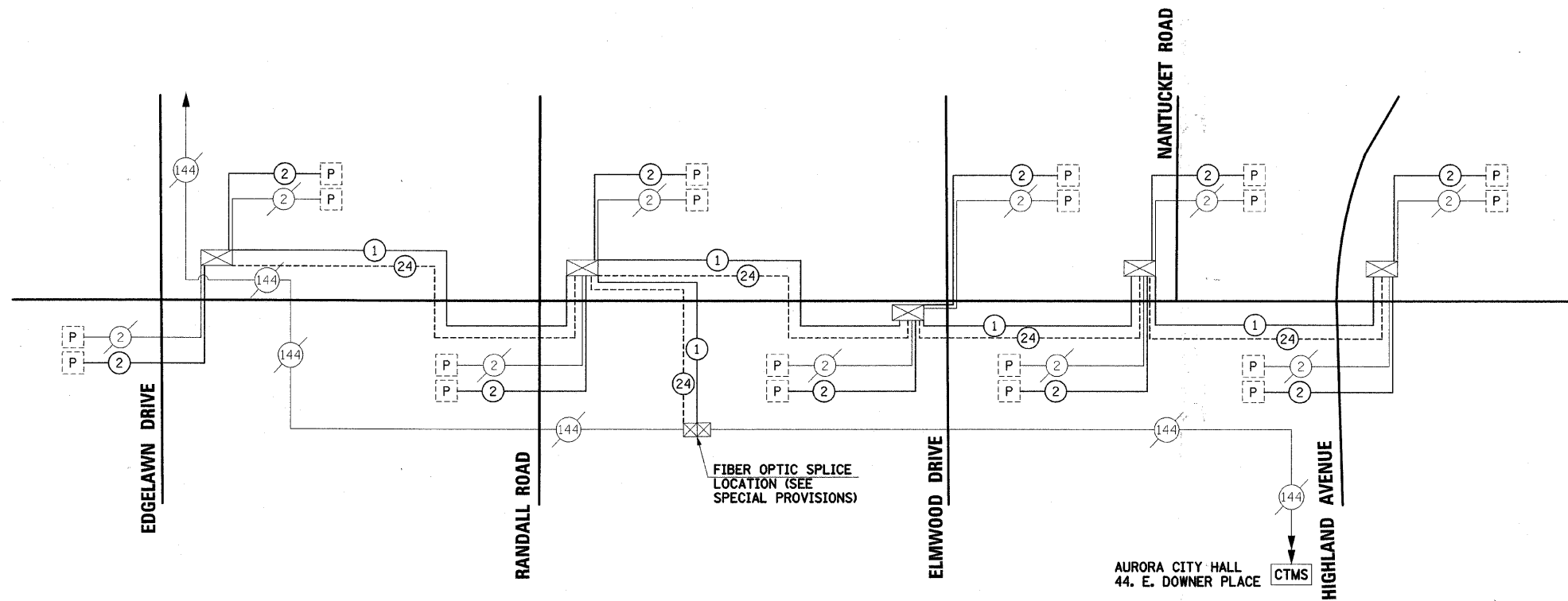


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INTERCONNECT SCHEMATIC LEGEND

- | | | | |
|--|---|--|--|
| | EXISTING INTERSECTION CONTROLLER | | EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F |
| | PROPOSED INTERSECTION CONTROLLER | | PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F |
| | EXISTING MASTER CONTROLLER | | EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE |
| | PROPOSED MASTER CONTROLLER | | PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE |
| | MASTER MASTER CONTROLLER | | EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED |
| | EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED |
| | PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED |
| | EXISTING INTERSECTION LOOP DETECTORS
PROPOSED SAMPLING (SYSTEM) DETECTORS | | PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED |
| | EXISTING SAMPLING (SYSTEM) DETECTORS | | EXISTING ELECTRIC CABLE 1/C (AS SPECIFIED) |
| | PROPOSED SAMPLING (SYSTEM) DETECTORS | | PROPOSED ELECTRIC CABLE 1/C (AS SPECIFIED) |
| | EXISTING SAMPLING (SYSTEM) DETECTORS
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | EXISTING TELEPHONE CONNECTION |
| | EXISTING SAMPLING (SYSTEM) DETECTORS
PROPOSED SAMPLING (SYSTEM) DETECTORS | | PROPOSED TELEPHONE CONNECTION |
| | EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | EXISTING VIDEO DETECTION CAMERA |
| | PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | PROPOSED VIDEO DETECTION CAMERA |
| | EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS | | EXISTING SAMPLING (SYSTEM) VIDEO DETECTION ZONE |
| | PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS | | PROPOSED SAMPLING (SYSTEM) VIDEO DETECTION ZONE |
| | PROPOSED WIRELESS ANTENNA | | CENTRALIZED TRANSPORTATION MANAGEMENT SYSTEM |
| | EXISTING WIRELESS ANTENNA | | |

INTERCONNECT SCHEDULE OF QUANTITIES

PAY ITEM DESCRIPTION	UNIT	INTERCONNECT
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	70
TRANSCEIVER - FIBER OPTIC	EACH	5
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	9058.5
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	9141.5
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
FIBER OPTIC CABLE SPLICE	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	9141.5
TERMINAL SERVER	EACH	1
ETHERNET SWITCH	EACH	1
CENTRALIZED SYSTEM FIELD INTEGRATION / SETUP	L SUM	1

FILE NAME = ...V690.6.sig_int_schem.dgn

USER NAME = _USER_	DESIGNED -	REVISED -
DRAWN BAH	REVISED -	
CHECKED APS	REVISED -	
PLOT DATE = 7/20/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERCONNECT SCHEMATIC

F.A.U. RTE. 1503	SECTION 08-00271-00-TL	COUNTY KANE	TOTAL SHEETS 30	SHEET NO. 30
CONTRACT NO. 63246				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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