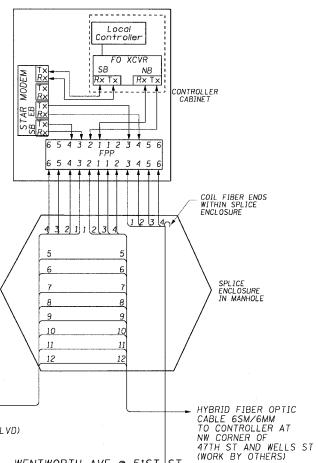
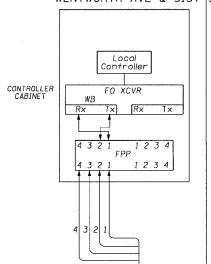
WELLS ST @ 51ST ST



HYBRID FIBER OPTIC CABLE 65M/6MM
TO MASTER CONTROLLER
© 55TH ST (EB GARFIELD BLVD) AND WENTWORTH AVE (WORK BY OTHERS)

THIS CONTRACTOR SHALL FURNISH AND INSTALL OPTICAL SPLICES AND ENCLOSURE, OPTICAL TERMINATIONS, PIGTAILS, PATCHCORDS, MULTIMODE TO SINGLE MODE CONVERTORS, FIBER PATCH PANEL, AND HARDWARE AND SOFTWARE REQUIRED FOR A FULLY OPERATIONAL SYSTEM AND FUTURE CONNECTION TO A CLOSED LOOP SYSTEM. THE COST OF THIS WORK SHALL BE INCLUDED IN "CABINET WORK, SPLICING, TESTING AND MISC." ITEM AND SEPARATE PAYMENT WILL NOT BE MADE.

WENTWORTH AVE @ 51ST ST



COUNTY TOTAL SHEET NO. SECTION 90/94 2004-064TS COOK STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

62803

<u>LEGEND</u> __Ø__

FO Modem

FIBER OPTIC CABLE

ADD/DROP FIBER OPTIC MODEM

Rx Tx Rx Tx

MANHOLE

Master Controller MASTER TRAFFIC CONTROLLER

Local Controller

LOCAL TRAFFIC CONTROLLER

FIBER OPTIC SPLICE, OUTSIDE PLANT CABLE NUMBER INDICATES FIBER STRAND IDENTIFIER 4 3 2 1 1 2 3 4 FPP

FIBER PATCH PANEL

FIBER OPTIC CONNECTORIZED PATCH CORD

FIBER OPTIC CONNECTORIZED PIGTAIL, SPLICED TO OUTSIDE PLANT CABLE

FIBER SCHEDULE

FIBER	FUNCTION	FIBER TYPE	FIBER COLOR	BUFFER TUBE
1	CONTROLLER MODEM	MULTIMODE	BLUE	BLUE
2	CONTROLLER MODEM	MULTIMODE	ORANGE	BLUE
3	CABINET SPARE	MULTIMODE	GREEN	BLUE
4	CABINET SPARE	MULTIMODE	BROWN	BLUE
- 5	UNUSED	MULTIMODE	SLATE	BLUE
6	UNUSED	MULTIMODE	WHITE	BLUE
7	UNUSED	SINGLE MODE	BLUE	ORANGE
8	UNUSED	SINGLE MODE	ORANGE	ORANGE
9	UNUSED	SINGLE MODE	GREEN	ORANGE
10	UNUSED	SINGLE MODE	BROWN	ORANGE
11	UNUSED	SINGLE MODE	SLATE	ORANGE
12	UNUSED	SINGLE MODE	WHITE	ORANGE

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) TRAFFIC SIGNALS AT 51ST STREET AND WENTWORTH AVENUE / WELLS STREET

> TRAFFIC CONTROL SIGNALS INTERCONNECT CONTROLLER TERMINATION SCHEMATIC

SCALE: NONE DATE: October 29, 2004 DRAWN BY: MRK/NJH CHECKED BY: MS

CTE ENGINEERS CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC. 303 EAST WACKER DRIVE, SUITE 600 GHICAGO ILLINOIS 60601-5212, PHONE: (312) 938-0300