→②→ Z

COUNTY TOTAL SHEE NO. SECTION. 90/94 2004-099TS COOK STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 62840

LEGEND ---(*i*)----FO Modem RX TX RX TX

FIBER OPTIC CABLE

ADD/DROP FIBER OPTIC MODEM



MANHOLE

Master Controller Local Controller

MASTER TRAFFIC CONTROLLER

LOCAL TRAFFIC CONTROLLER FIBER OPTIC SPLICE, OUTSIDE PLANT CABLE NUMBER INDICATES FIBER STRAND IDENTIFIER

4 3 2 1 FPP 1 2 3 4

1 OF 1

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

______ Local Controller FO XCVR Rx Tx Rx Tx CONTROLLER CABINET 6 5 4 3 2 1 1 2 3 4 5 6 FPP 6 5 4 3 2 1 1 2 3 4 5 12340 10 HYBRID FIBER OPTIC CABLE 6SM/6MM TO CONTROLLER AT 59TH AND WELLS ST COIL FIBER ENDS WITHIN SPLICE INSTALLED BY
IDOT CONTRACT
9C - 62693
FINAL CONNECTION
TO THIS CONTROLLER BY
IDOT CONTRACT 9B8-62802) ENCLOSURE WENTWORTH AVE @ 63TH ST

WELLS ST @ 63TH ST

Local Controller CONTROLLER CABINET FO XCVR R× T× 1 1 2 3 4 FPP 1234

CTE ENGINEERS CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC. 303 EAST WACKER DRIVE, SUITE 600 CHICAGO ILLINOIS 60601-52/2, PHONE: (3/2) 938-0300

NOTE:

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.

REVISIONS NAME ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) TRAFFIC SIGNALS AT 63RD STREET AND WENTWORTH AVENUE/ WELLS STREET TRAFFIC CONTROL SIGNALS INTERCONNECT CONTROLLER TERMINATION SCHEMATIC

SCALE: NONE DATE: November 05, 2004

DRAWN BY: MRK/NJH CHECKED BY: MS