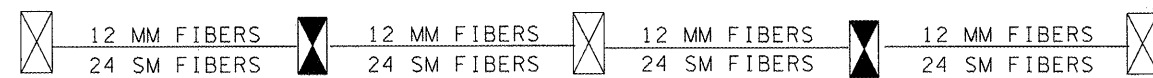


FIBER OPTIC CABLE TERMINATION NOTES

1. THE PROPOSED FIBER OPTIC CABLE SHALL BE TERMINATED AS SHOWN ON THE FIBER OPTIC LINE/TERMINATION DIAGRAM WITH ST CONNECTORS.
2. ALL CABLE SPLICES AND TERMINATIONS SHALL BE FUSION SPLICED.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS REQUIRED FOR FIBER OPTIC CABLE TERMINATION, INCLUDING, BUT NOT LIMITED TO, BREAKOUT KITS, FANOUT KITS, ENCLOSURES, WEATHERPROOF SPLICE BOOTS, SPLICE SLEEVES, CONNECTORS, INTERCONNECT CENTERS, ETC.
4. ALL ST CONNECTORS SHALL BE FUSION SPLICED UTILIZING PRE-FORMED CABLES WITH CONNECTORS THAT ARE FUSION SPLICED TO THE PROPOSED FIBER.
5. THE CONTRACTOR SHALL MINIMIZE CABLE SPLICES. PRIOR TO COMMENCING WITH FIBER INSTALLATION, THE CONTRACTOR SHALL SUBMIT A DETAILED FIBER PLAN TO THE DEPARTMENT FOR APPROVAL ALONG WITH CATALOG CUTS FOR ALL EQUIPMENT TO BE USED. THE FIBER PLAN SHALL SHOW THE LOCATIONS OF ALL SPLICES, LABELING PLAN, FIBER ARRANGEMENT IN TERMINATION PANELS AND ENCLOSURES, AND ALL FIBER EQUIPMENT THAT WILL BE UTILIZED.
6. FIBERS SHALL BE LABELED BY COLOR, TYPE, AND DIRECTION ON THE FRONT OF ALL ENCLOSURE TERMINATION PANELS. PRIOR TO COMMENCING TERMINATION, THE CONTRACTOR SHALL SUBMIT A FIBER LAYOUT (WITH FIBER COLORS) AND LABELING TO THE DEPARTMENT FOR APPROVAL. ALL LABELS SHALL BE PERMANENT COMPUTER GENERATED, AND DURABLE.
7. ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE BID PRICE FOR THE PROPOSED FIBER OPTIC CABLE. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.

PROPOSED FIBER OPTIC TERMINATION (12 MULTIMODE/24 SINGLE MODE)
IL 8 FROM ILLINI DRIVE IN EAST PEORIA TO BUSINESS 24 IN WASHINGTON



EX. TYPE IV
SIGNAL CABINET
IL 8 & ILLINI
EAST PEORIA

PROP. TYPE B
ITS EQUIPMENT
CABINET
(NEAR CAMPUS AVE.)

EX. TYPE IV
SIGNAL CABINET
IL 8 & SUMMIT
WASHINGTON

PROP. TYPE IV
SIGNAL CABINET
IL 8 & SCHOOL
WASHINGTON

EX. TYPE IV
SIGNAL CABINET
BUSINESS 24 & IL 8
WASHINGTON

TERMINATE
12 MM FIBERS AND
24 SM FIBERS
INSTALL NEW 36F
INTERCONNECT
CENTER IN
CABINET

TERMINATE
24 MM FIBERS AND
48 SM FIBERS (BOTH
ENDS) INSTALL NEW
72F RACK MOUNTED
INTERCONNECT
CENTER IN
CABINET

TERMINATE
24 MM FIBERS AND
48 SM FIBERS (BOTH
ENDS) INSTALL NEW
48F INTERCONNECT
CENTER IN
CABINET

TERMINATE
24 MM FIBERS AND
48 SM FIBERS (BOTH
ENDS) INSTALL NEW
48F INTERCONNECT
CENTER IN
CABINET

TERMINATE
12 MM FIBERS AND
24 SM FIBERS
INSTALL NEW 36F
INTERCONNECT
CENTER IN
CABINET

FILE NAME =	USER NAME = IDOT	DESIGNED -	REVISED -
X:\Projects\200803566\DCN\04-Rte0-shr-F	bar-Optic-1-13.dgn	DRAWN -	REVISED -
	PLOT SCALE = 75.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC TERMINATION DIAGRAM
AND FIBER OPTIC TERMINATION NOTES**

SCALE: NONE ITS FIBER SHEET 10 OF 13 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-7	TAZEWELL	390	271
CONTRACT NO. 68370				
ILLINOIS FED. AID PROJECT				