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

12 MM FIBERS
24 SM FIBERS 12 MM FIBERS 12 MM FIBERS 12 MM FIBERS 24 SM FIBERS 24 SM FIBERS 24 SM FIBERS 24 SM FIBERS

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 ENDS) INSTALL NEW 72F RACK MOUNTED INTERCONNECT CENTER IN CABINET

TERMINATE 24 MM FIBERS AND 48 SM FIBERS (BOTH 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\DGN\D4-Rte8~sht~F	ber-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**

	FIB	ER OPT	IC TER	TERMINATION		DIAGRAM	
	AND	FIBER	OPTIC	TERM	NATION	NOTES	
SCALE: NONE		ITS FIBER	SHEET 1	0 OF 13	STA.	TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.			
399	36R-7	TAZEWELL	390	271			
		CONTRACT	NO. 6	8370			
THE PROPERTY OF THE PROPERTY							