



LIGHT POLE 35' FOR CAMERA MOUNT

2-2" GSC-T-65' (EACH)

EXISTING SERVICE POLE

FIBER OPTIC CAMERA AND POWER JUNCTION BOX, NEMA 4X, POLE MOUNTED

WIM CABINET

DRILL EXISTING FOUNDATION-2 EACH
 INSTALL 15 AMP., 120 VOLTS, 1 POLE CIRCUIT BREAKER
 SPLICE PROPOSED FIBER OPTIC CABLE INTO THE EXISTING TWO SPARE FIBERS FROM WIM CABINET TO THE SCALE HOUSE.

SIGNAL CONDUITS:

- 1 2" CONDUIT, FO CABLE, 62.5/125, MULTIMODE(CAMERA 1 & CAMERA 2) AND TRACER CABLE, 1/C*12
- 2 COAXIAL CABLE
- 3 2" CONDUIT, EXISTING FO CABLE, 62.5/125 (WIM CONTROLLER TO SCALE HOUSE)

POWER CONDUITS:

- 1 2" CONDUIT, 1- 2/C*12 AWG + 1/C *12 AWG GROUND (POLE MOUNT CAMERA BOX POWER)
- 2 ELECTRIC CABLE IN CONDUIT, 3/C*16

FILE NAME =	USER NAME = patellbm	DESIGNED -	REVISED -
cr\pw\work\PWIDOT\PA TELBM\d0167050\1\d074d56-sh1-TS.dgn		DRAWN -	REVISED -
PLOT SCALE = 1/8" = 1' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/16/2010		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

QUEUE DETECTION CAMERA SYSTEM

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-71-5	ST. CLAIR	7	4
CONTRACT NO. 76D56				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		