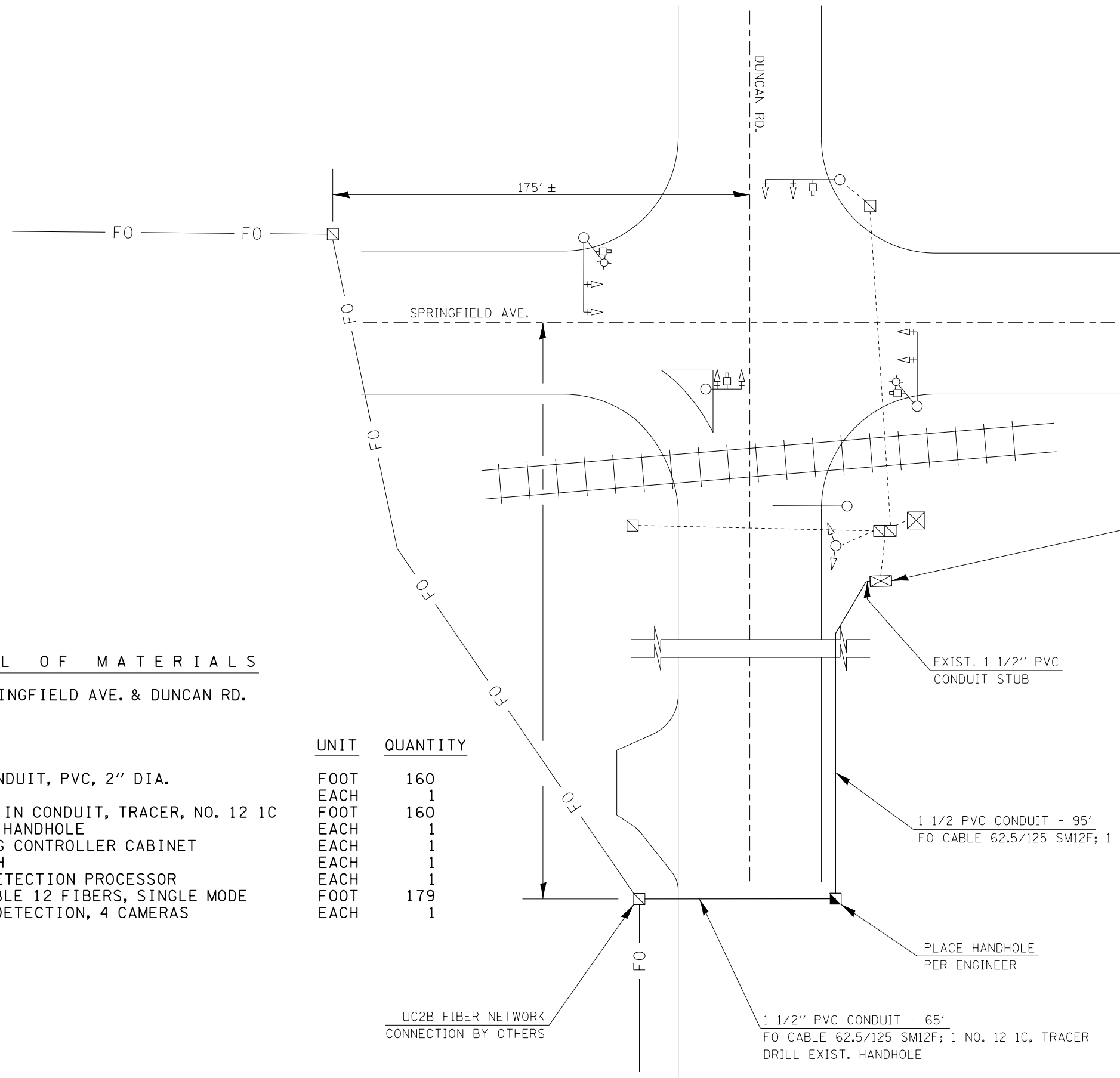


FIBER OPTIC CONNECTION

SPRINGFIELD AVE.
&
DUNCAN RD.

(NOT TO SCALE)

CAMERA & CONDUIT /CABLE LAYOUT



MODIFY EXIST. CONT. CABINET = 1 EA.
TERMINATE NEW FIBER
INSTALL MANAGED ETHERNET SWITCH

EXIST. 1 1/2" PVC
CONDUIT STUB

1 1/2" PVC CONDUIT - 95'
FO CABLE 62.5/125 SM12F; 1 NO. 12 1C, TRACER

PLACE HANDHOLE
PER ENGINEER

1 1/2" PVC CONDUIT - 65'
FO CABLE 62.5/125 SM12F; 1 NO. 12 1C, TRACER
DRILL EXIST. HANDHOLE

NOTE
UPGRADE VIDEO DETECTION
ETHERNET PROCESSOR, 4 NEW CAMERAS

FO ———— EXIST. UC2B FIBER OPTIC
CABLE IN CONDUIT

BILL OF MATERIALS

SPRINGFIELD AVE. & DUNCAN RD.

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 160 |
| HANDHOLE | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, TRACER, NO. 12 1C | FOOT | 160 |
| DRILL EXISTING HANDHOLE | EACH | 1 |
| MODIFY EXISTING CONTROLLER CABINET | EACH | 1 |
| ETHERNET SWITCH | EACH | 1 |
| VIDEO SYSTEM DETECTION PROCESSOR | EACH | 1 |
| FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE | FOOT | 179 |
| VIDEO VEHICLE DETECTION, 4 CAMERAS | EACH | 1 |

UC2B FIBER NETWORK
CONNECTION BY OTHERS

| | | | |
|---|-----------------------------|------------|-----------|
| FILE NAME = | USER NAME = ceerlockjd | DESIGNED - | REVISED - |
| ci:\pw\work\p\idot\ceerlockjd\0340463\P | Z camera plans.dgn | DRAWN - | REVISED - |
| \$MODELNAME\$ | PLOT SCALE = 40.0000' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 6/26/2014 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|--------------------|--------------|-----------|---------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | FY2014 ITS-1 | CHAMPAIGN | 71 | 58 |
| CONTRACT NO. 70A26 | | | ILLINOIS FED. AID PROJECT | |