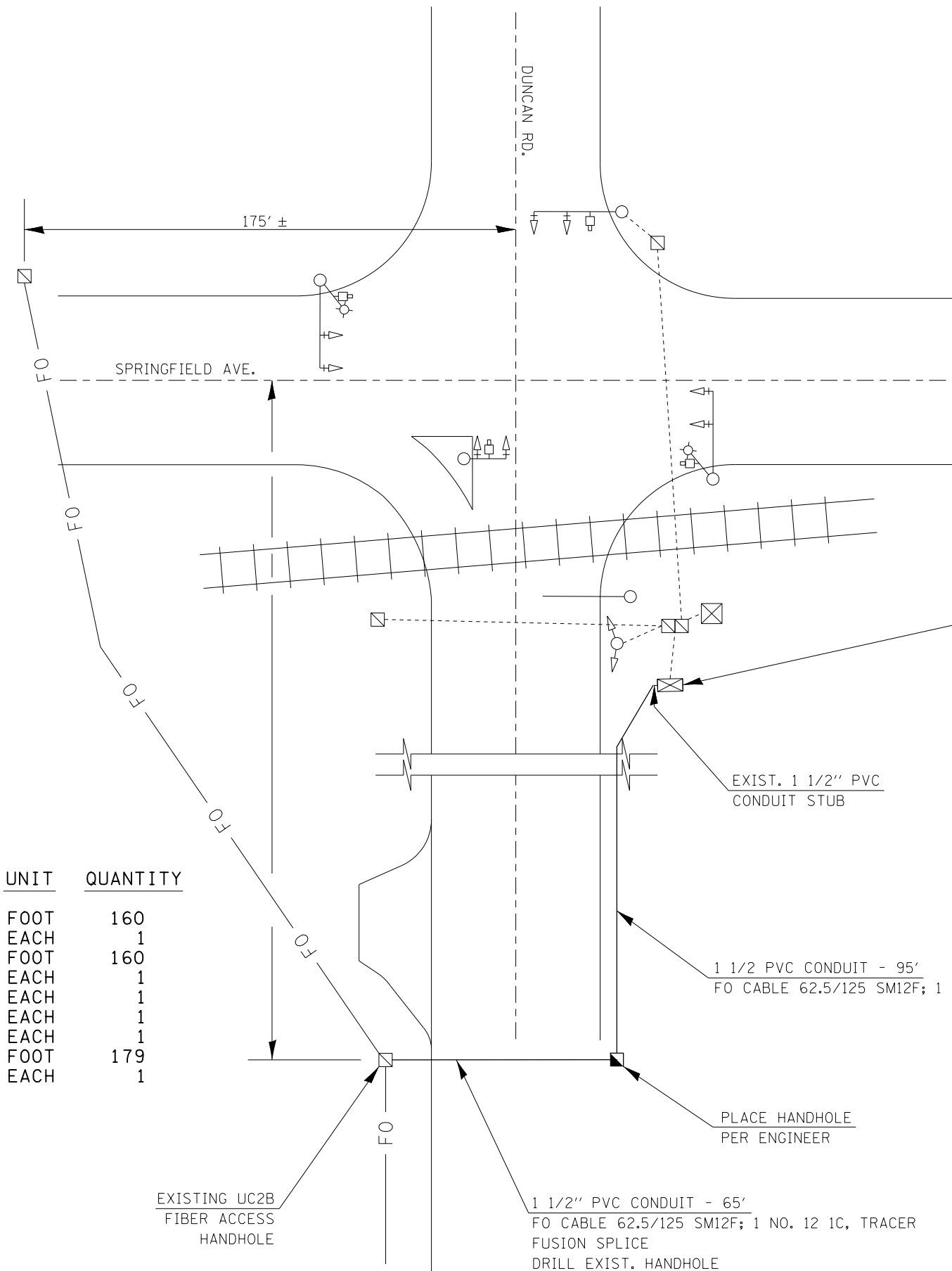


# FIBER OPTIC CONNECTION

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  
FUSION SPLICE  
DRILL EXIST. HANDHOLE

EXISTING UC2B  
FIBER ACCESS  
HANDHOLE

### B I L L O F M A T E R I A L S

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

NOTE  
UPGRADE VIDEO DETECTION  
ETHERNET PROCESSOR, 4 NEW CAMERAS