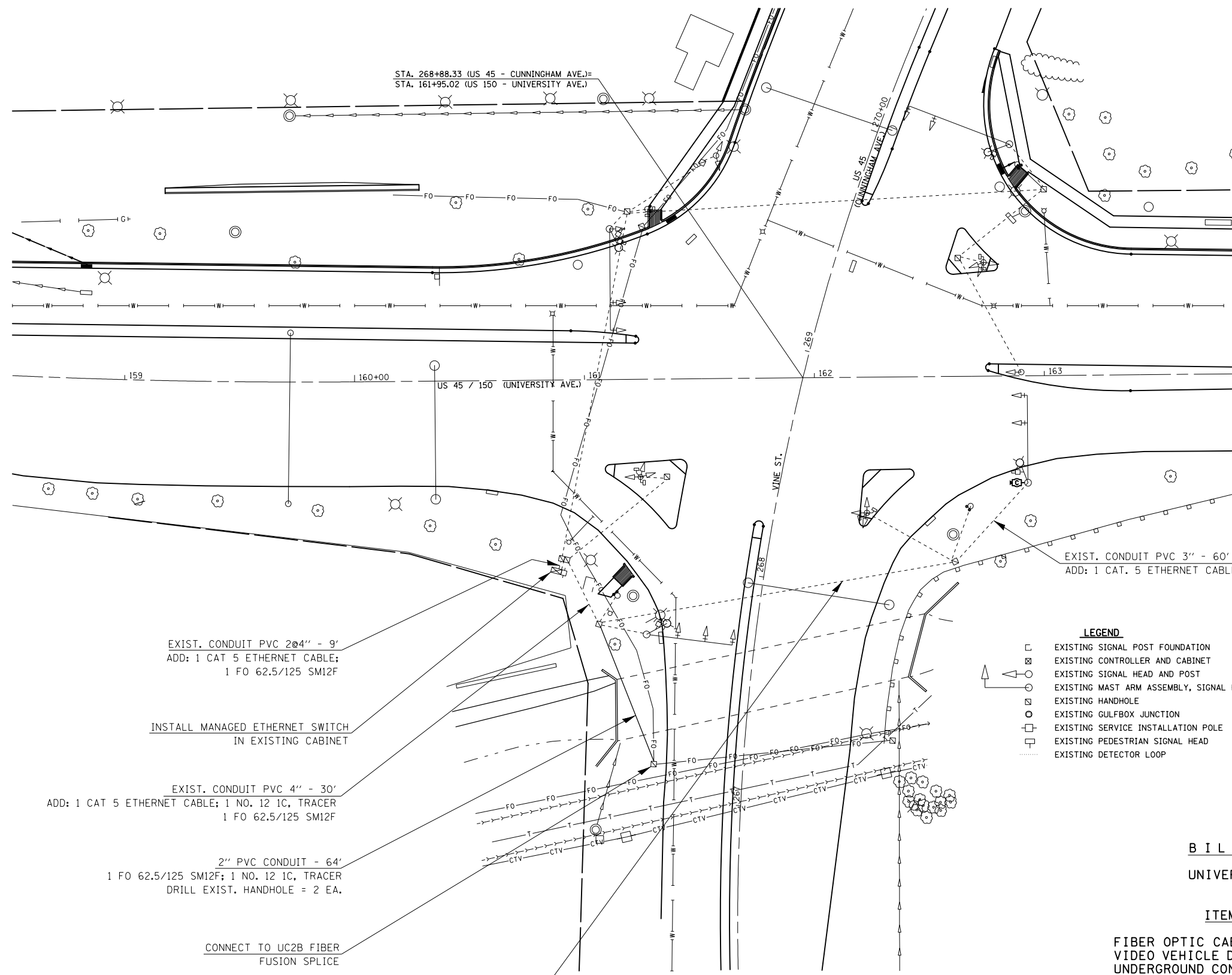


**PTZ CAMERA INSTALLATION &
FIBER OPTIC CONNECTION**

**UNIVERSITY AVE.
&
CUNNINGHAM AVE.**

(NOT TO SCALE)

CAMERA & CONDUIT /CABLE LAYOUT



EXIST. CONDUIT PVC 2@4" - 9'
ADD: 1 CAT 5 ETHERNET CABLE;
1 FO 62.5/125 SM12F

INSTALL MANAGED ETHERNET SWITCH
IN EXISTING CABINET

EXIST. CONDUIT PVC 4" - 30'
ADD: 1 CAT 5 ETHERNET CABLE; 1 NO. 12 IC, TRACER
1 FO 62.5/125 SM12F

2" PVC CONDUIT - 64'
1 FO 62.5/125 SM12F; 1 NO. 12 IC, TRACER
DRILL EXIST. HANDHOLE = 2 EA.

CONNECT TO UC2B FIBER
FUSION SPLICE

EXIST. CONDUIT PVC 4" - 156'
ADD: 1 CAT 5 ETHERNET CABLE

- LEGEND**
- EXISTING SIGNAL POST FOUNDATION
 - ⊠ EXISTING CONTROLLER AND CABINET
 - EXISTING SIGNAL HEAD AND POST
 - ⊕ EXISTING MAST ARM ASSEMBLY, SIGNAL HEAD
 - ⊞ EXISTING HANDHOLE
 - ⊟ EXISTING GULFBOX JUNCTION
 - ⊠ EXISTING SERVICE INSTALLATION POLE
 - ⊡ EXISTING PEDESTRIAN SIGNAL HEAD
 - ⋯ EXISTING DETECTOR LOOP

**BILL OF MATERIALS
UNIVERSITY AVE. & CUNNINGHAM AVE.**

ITEM	UNIT	QUANTITY
FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	135
VIDEO VEHICLE DETECTION, 4 CAMERAS	EACH	1
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	64
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 12 1C	FOOT	94
DRILL EXISTING HANDHOLE	EACH	2
ETHERNET SWITCH	EACH	1
VIDEO SYSTEM DETECTION PROCESSOR	EACH	1
CLOSED CIRCUIT TELEVISION CAMERA	EACH	1