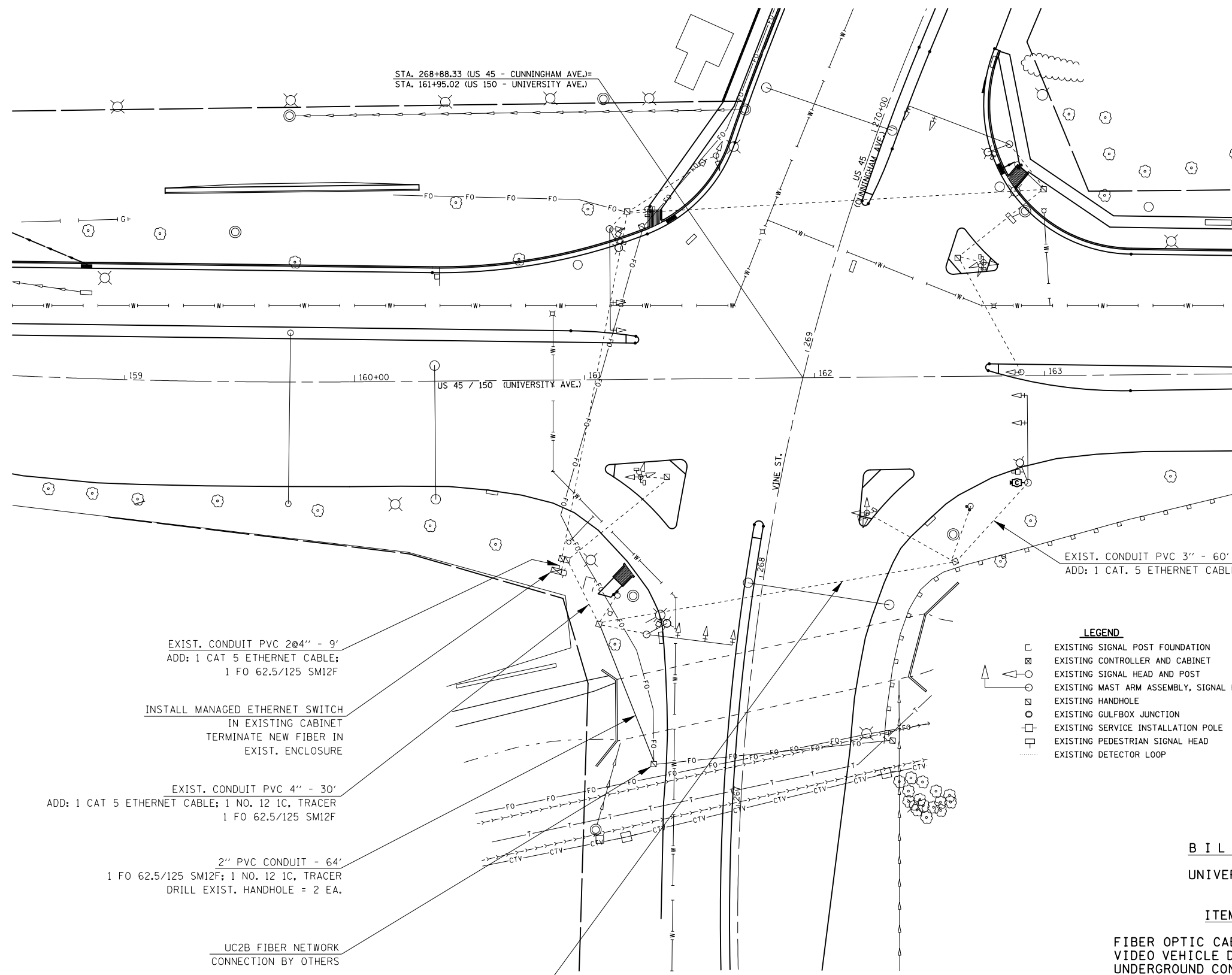


**PTZ CAMERA INSTALLATION &  
FIBER OPTIC CONNECTION**

**UNIVERSITY AVE.  
&  
CUNNINGHAM AVE.**

(NOT TO SCALE)

**CAMERA & CONDUIT /CABLE LAYOUT**



- 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

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  
TERMINATE NEW FIBER IN  
EXIST. ENCLOSURE

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.

UC2B FIBER NETWORK  
CONNECTION BY OTHERS

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

**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

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