EQUIPMENT DETAILS

A. 12 IN. X 27 FT. STEEL MAST ARM POLE ON 4 FT. SQUARE CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-TWO (45 FT. & 50 FT. LONG) MAST ARMS
-ONE ROUTE SIGN (NORTH 301)

B. 12 IN. X 27 FT. STEEL MAST ARM POLE ON 4 FT. SQUARE CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-TWO (45 FT. & 60 FT. LONG) MAST ARMS
-ONE ROUTE SIGN (SOUTH 301)

C. 12 IN. X 27 FT. STEEL MAST ARM POLE ON 4 FT. SQUARE CONCRETE FOUNDATION WITH THE FOLLOWING MOUNTINGS AND ATTACHMENTS:
-TWO MAST ARMS
-ONE ROUTE SIGN (SOUTH 301)

E. 2.2 FT. X 3.6 FT. X 4.5 FT. HIGH BASE MOUNTED CABINET AND CONTROLLER WITH 4 FT. X 4 FT. CONCRETE PAD IN FRONT

F. 12 FT. MOTORIZED POLE AND RED LIGHT CAMERA (RLC) UNIT

G. 9 FT. BREAKAWAY POLE WITH AUXILIARY FLASH UNIT

H. 6 FT. X 30 FT. LOOP DETECTOR FOR TRAFFIC SIGNAL

I. 6 FT. X 6 FT. LOOP DETECTOR FOR TRAFFIC SIGNAL

J. 40 IN. X 100 IN. LOOP DETECTOR FOR RED LIGHT CAMERAS

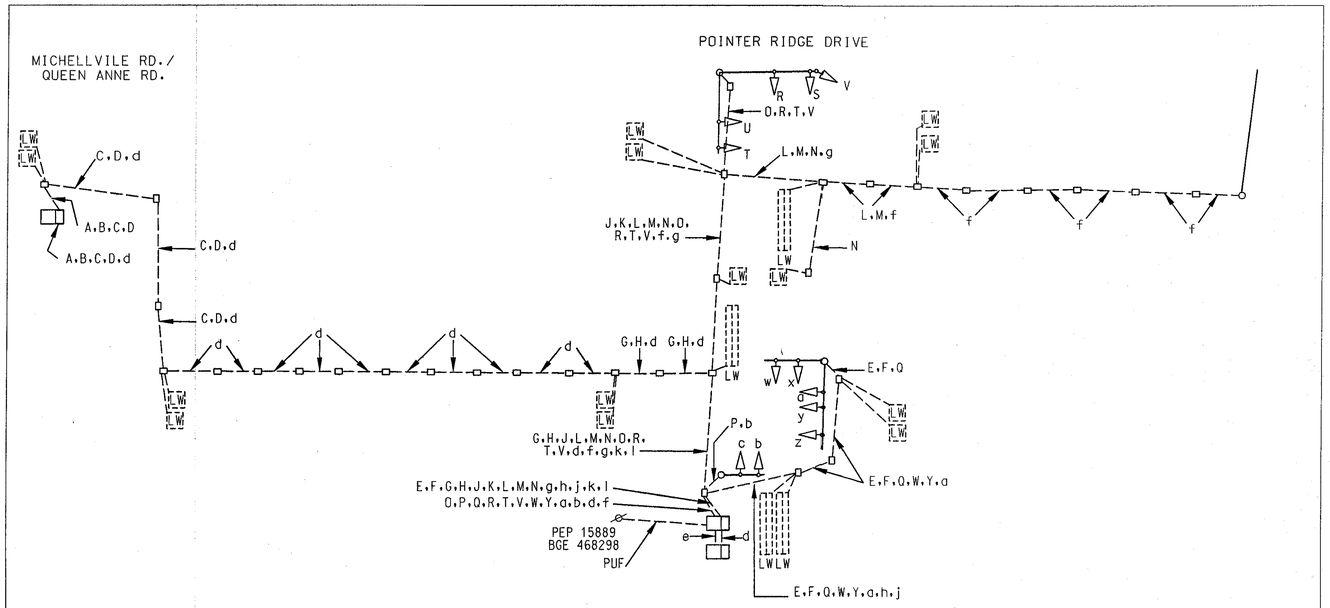
K. HANDHOLE FOR TRAFFIC SIGNAL EQUIPMENT

L. HANDHOLE FOR RED LIGHT CAMERA EQUIPMENT

M. 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT

N. 2 IN. RIGID PVC ELECTRICAL CONDUIT

O. 2 IN. GALVANIZED STEEL ELECTRICAL CONDUIT



d	12 PAIR ELECTRICAL CABLE (TELEMETRY)
R,T,V,W,Y,a,b	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
S,U,X,Z,c	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
A-H, J-N,g,h, j,k,l	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) - ALUMINUM SHIELDED
O,P,Q	1-CONDUCTOR ELECTRICAL CABLE (NO. 6 AWG) - GROUND WIRE
LW	LOOP WIRE ENCASED IN 1/4" FLEXIBLE TUBE
e	1-CONDUCTOR ELECTRICAL CABLE (NO. 4 AWG) - SERVICE
f	PULL BACK EXISTING CABLE TO HIB AND REFEED TO NEW CABINET

REVISIONS					
AS-BUILT					
C.W.	D.P.	E.V.	F.M.	W.C.	5/02

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 301 AT POINTER RIDGE DRIVE

DRAWN BY:		F.A.P. NO.		TS NO. 645 C	SHEET NO.
CHECKED BY:		S.H.A. NO.		T.I.M.S. NO.	2 OF 2
SCALE:	1"=20'	COUNTY:	PRINCE GEORGE'S		
DATE:		LOG MILE:			

E:\MD301@POINTERRID\DGEDR-2.dgn
06/21/02