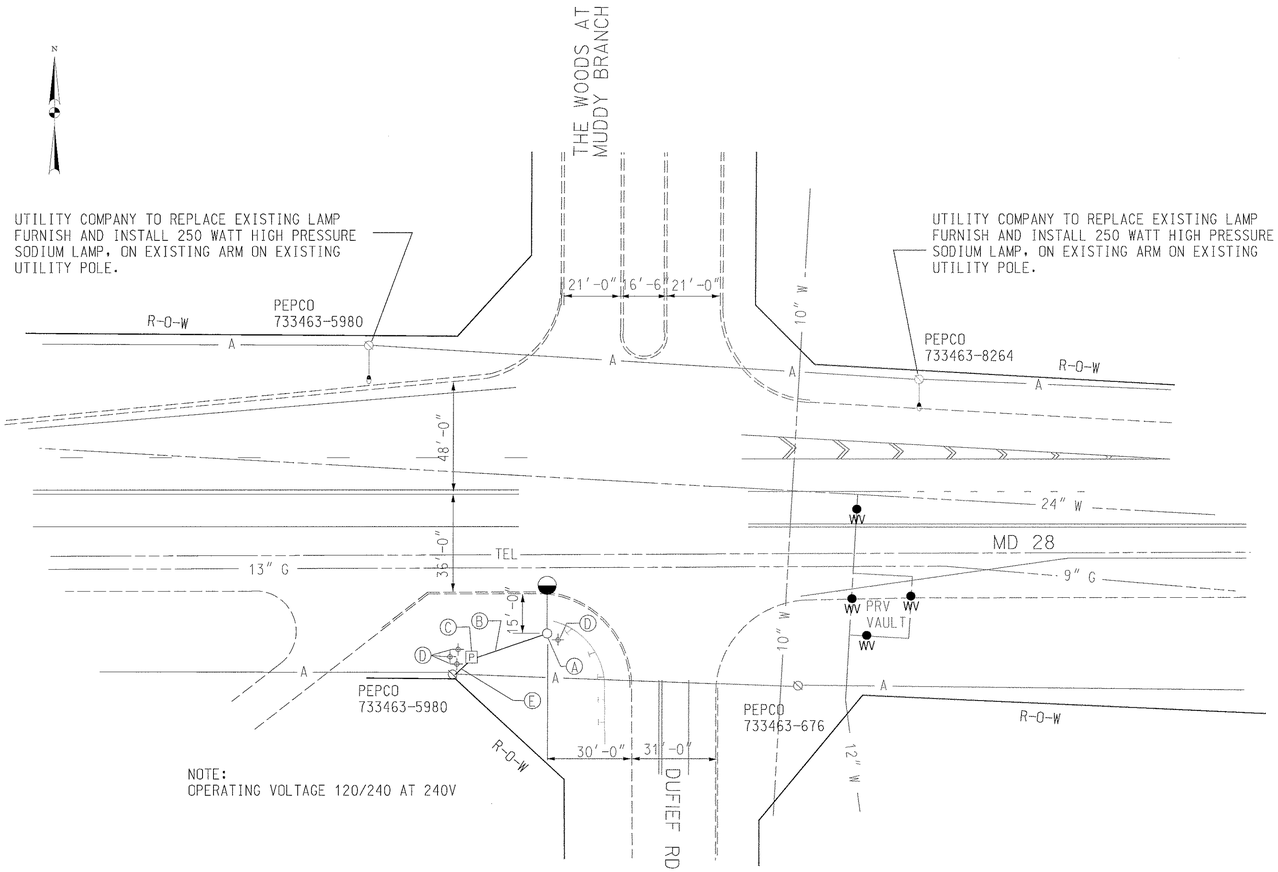

MD 28 AND DUFIEF ROAD

CONSTRUCTION DETAILS

FURNISH AND INSTALL 40' LIGHT STRUCTURE ON BREAKAWAY T-BASE WITH 250 WATT HIGH PRESSURE SODIUM LAMP, LUMINAIRE AND PHOTOCELL ON 15' BRACKET ARM, FULL CUT OFF LUMINAIRE. 2-ONE CONDUCTOR NO. 10 AWG FROM BASE OF POLE TO LUMINAIRE

FURNISH AND INSTALL ONE-2 CONDUCTOR NO. 12 AWG TRAY CABLE IN 3" SCHEDULE 80 P.V.C. CONDUIT-TRENCHED WITH NO. 6 AWG STRANDARD BARE COPPER GROUND WIRE

FURNISH AND INSTALL SERVICE PEDESTAL 100 AMP

FURNISH AND INSTALL GROUND ROD -3/4" DIAMETER X 10' LENGTH

FURNISH AND INSTALL ONE-3 CONDUCTOR NO.4 AWG, TYPE THWN/THHN, 600V CABLE IN 3" SCHEDULE 80 P.V.C. CONDUIT

EQUIPMENT LIST

ITEM	DESCRIPTION	QUANTITY
8002	FURNISH AND INSTALL CONCRETE FOR LIGHT FOUNDATION	2.1 CY.
8005	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	60 L.F.
8006	FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	70 L.F.
8011	FURNISH AND INSTALL SERVICE PEDESTAL - METERED	1 EA.
8012	FURNISH AND INSTALL BREAKAWAY BASE SUPPORT SYSTEM FOR LIGHTING STRUCTURE	1 EA.
8014	FURNISH AND INSTALL 40' LIGHTING STRUCTURE - 15 FOOT LIGHTING BRACKET ARM	1 EA.
8016	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM LAMP, LUMINAIRE AND PHOTOCELL	1 EA.
8018	FURNISH AND INSTALL ELECTRICAL CABLE-1 CONDUCTOR NO. 10 AWG TYPE THWN/THHN, 600V	50 L.F.
8019	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG TRAY CABLE)	100 L.F.
8021	FURNISH AND INSTALL CONNECTOR KIT - TYPE 2	2 EA.
8024	FURNISH AND INSTALL GROUND ROD -3/4" DIAMETER X 10' LENGTH	4 EA.
8000	FURNISH AND INSTALL ONE-3 CONDUCTOR NO. 4 AWG, TYPE THWN/THHN, 600V	20 L.F.

PROJECT APPROVALS

APPROVALS ARE FOR LIGHTING
SHEETS: THRU
A TOTAL OF SHEETS

APPROVALS | REVISIONS

1-12-2000
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

1/12/2000
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

1/12/00
for CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

1/14/00
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

MD 28 @ DUFIEF ROAD

DRAWN BY: C. MUNZ	F.A.P. NO.	NHG-STPG-000S(678)E	PLAN SHEET NO.:	SHEET NO.
CHECK BY: M. WOLNIAK	S.H.A. NO.	M0885A51/B51		
SCALE: 1" = 30'	COUNTY	MONTGOMERY		OF