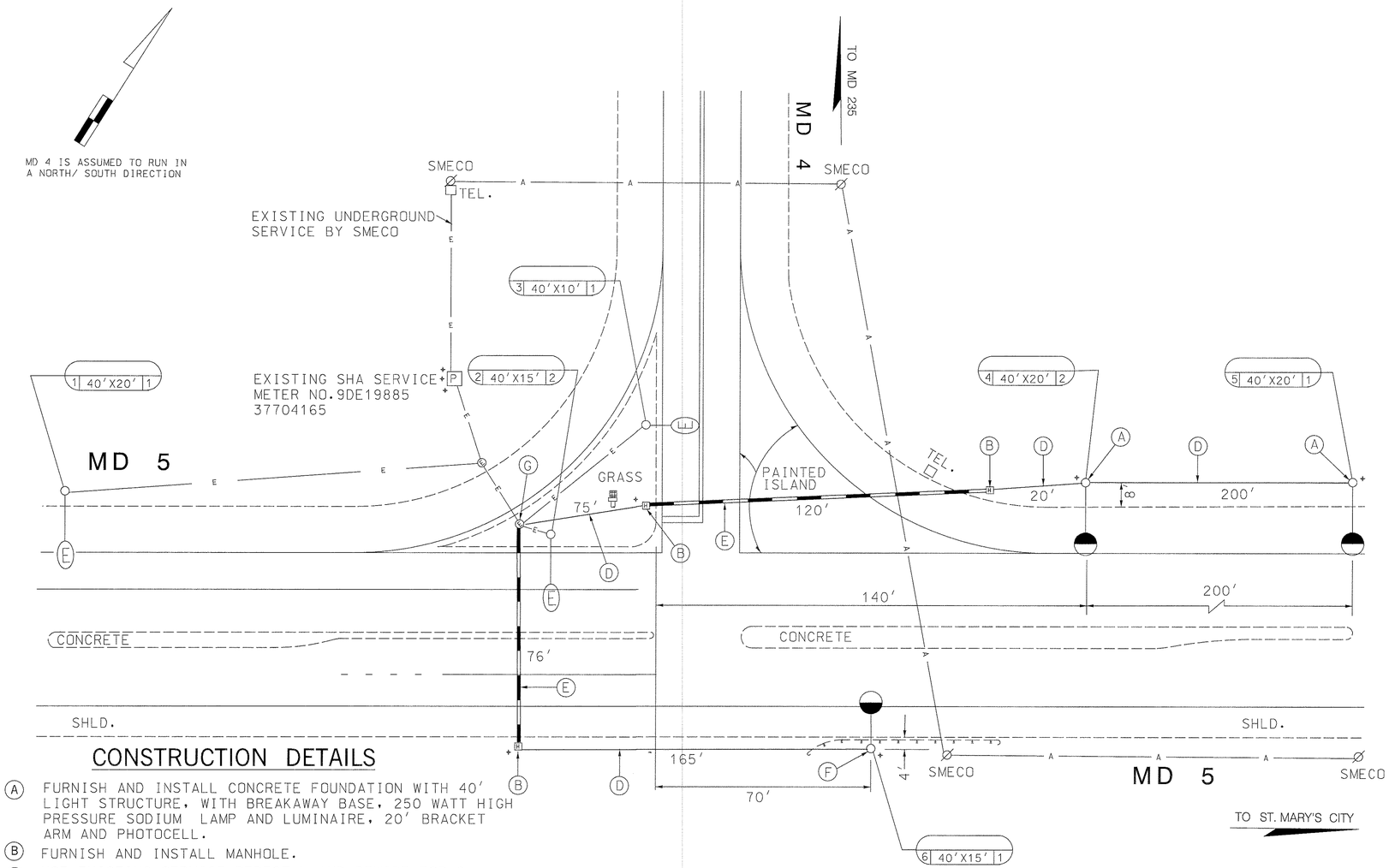

ITEM	DESCRIPTION	UNIT	QTY.
8002	FURNISH AND INSTALL CONCRETE FOR LIGHT FOUNDATION	CY	7
8005	FURNISH AND INSTALL NO. 6 STRANDED BARE COPPER GROUND WIRE	LF	680
8006	FURNISH AND INSTALL 3" PVC CONDUIT	LF	16
8009	FURNISH AND INSTALL ELECTRICAL MANHOLE	EA	3
8012	FURNISH AND INSTALL BREAKAWAY BASE SUPPORT SYSTEM	EA	2
8013	FURNISH AND INSTALL 40' LIGHT STRUCTURE- 20' BRACKET ARM	EA	2
8014	FURNISH AND INSTALL 40' LIGHT STRUCTURE- 15' BRACKET ARM	EA	1
8016	FURNISH AND INSTALL 250 WATT HPS LUMINAIRE (SEMI-CUTOFF) WITH PHOTOCELL	EA	3
8018	FURNISH AND INSTALL 1 CONDUCTOR, NO. 10 AWG CABLE	LF	253
8020	FURNISH AND INSTALL CONNECTOR KIT-TYPE 1	EA	14
8021	FURNISH AND INSTALL CONNECTOR KIT-TYPE 2	EA	6
8023	FURNISH AND INSTALL CONNECTOR KIT-TYPE 4	EA	4
8024	FURNISH AND INSTALL GROUND ROD	EA	5
8025	FURNISH AND INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT-BORED	LF	196
8026	FURNISH AND INSTALL DUCT CABLE- 4 CONDUCTOR, NO.6 AWG	LF	480
NEG.	FURNISH AND INSTALL 1 CONDUCTOR, NO. 6 AWG CABLE	LF	800

CONSTRUCTION DETAILS

(A) FURNISH AND INSTALL CONCRETE FOUNDATION WITH 40' LIGHT STRUCTURE, WITH BREAKAWAY BASE, 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE, 20' BRACKET ARM AND PHOTOCELL.

(B) FURNISH AND INSTALL MANHOLE.

(C) USE EXISTING SERVICE PEDESTAL AND REWIRE FOR 2 CIRCUIT OPERATION.

(D) FURNISH AND INSTALL DUCT CABLE 4 CONDUCTOR, NO. 6 AWG, AND NO. 6 STRANDED BARE COPPER GROUND WIRE.

(E) FURNISH AND INSTALL 4" SCHEDULE 80 PVC CONDUIT-BORED WITH 4 WIRE, 1 CONDUCTOR NO. 6 AWG AND NO. 6 STRANDED BARE COPPER GROUND WIRE.

(F) FURNISH AND INSTALL CONCRETE FOUNDATION WITH 40' LIGHT STRUCTURE, 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE, 15' BRACKET ARM AND PHOTOCELL.

(G) USE EXISTING LIGHTING MANHOLE AND CONNECT NEW LIGHTING SERVICE CABLES TO EXISTING CABLE USING SPLICE KITS.

LEGEND

POLE NO. — 1 | 40'X20' | 2 — CIRCUIT NO.

MOUNTING HEIGHT AND MAST ARM LENGTH

GEOMETRIC LEGEND

EXISTING

PROPOSED

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

AFILE:MD4&MD5.DGN

SABRA, WANG & ASSOCIATES, INC.
9881 BROKEN LAND PARKWAY
SUITE 105
COLUMBIA, MD 21046

APPROVALS

6-9-99
PROJECT MANAGER\ENGINEER\TEDD

7/1/99
TEAM LEADER\ENGINEER TEDD

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

LIGHTING PLAN

MD 4 AND MD 5

DRAWN BY: A.FORNARO	F.A.P. NO. AC-STPG-000S(678)E	SL NO.	
CHECKED BY: S.RENZI	S.H.A. NO. SM800A51/B51		SHEET NO.
SCALE: NTS	COUNTY: ST. MARY'S	T.I.M.S. NO. D-232	1 OF 1
DATE: MAY 1999	LOG MILE:		