CONSTRUCTION DETAILS

(A) FURNISH AND INSTALL 40'LIGHTING STRUTURE WITH BREAKAWAY BASE AND 15'BRACKET ARM W/250 WATT HPS LAMP AND LUMINAIRE (FULL-CUTOFF) W/PHOTOCELL.

(B) FURNISH AND INSTALL 2"SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED W/2 CONDUCTOR NO.12 AWG-TRAY CABLE.

(C) TERMINATE LIGHTING CABLE IN EXISTING DISCONNECT SWITCH (FUSED @ 20 AMPS).

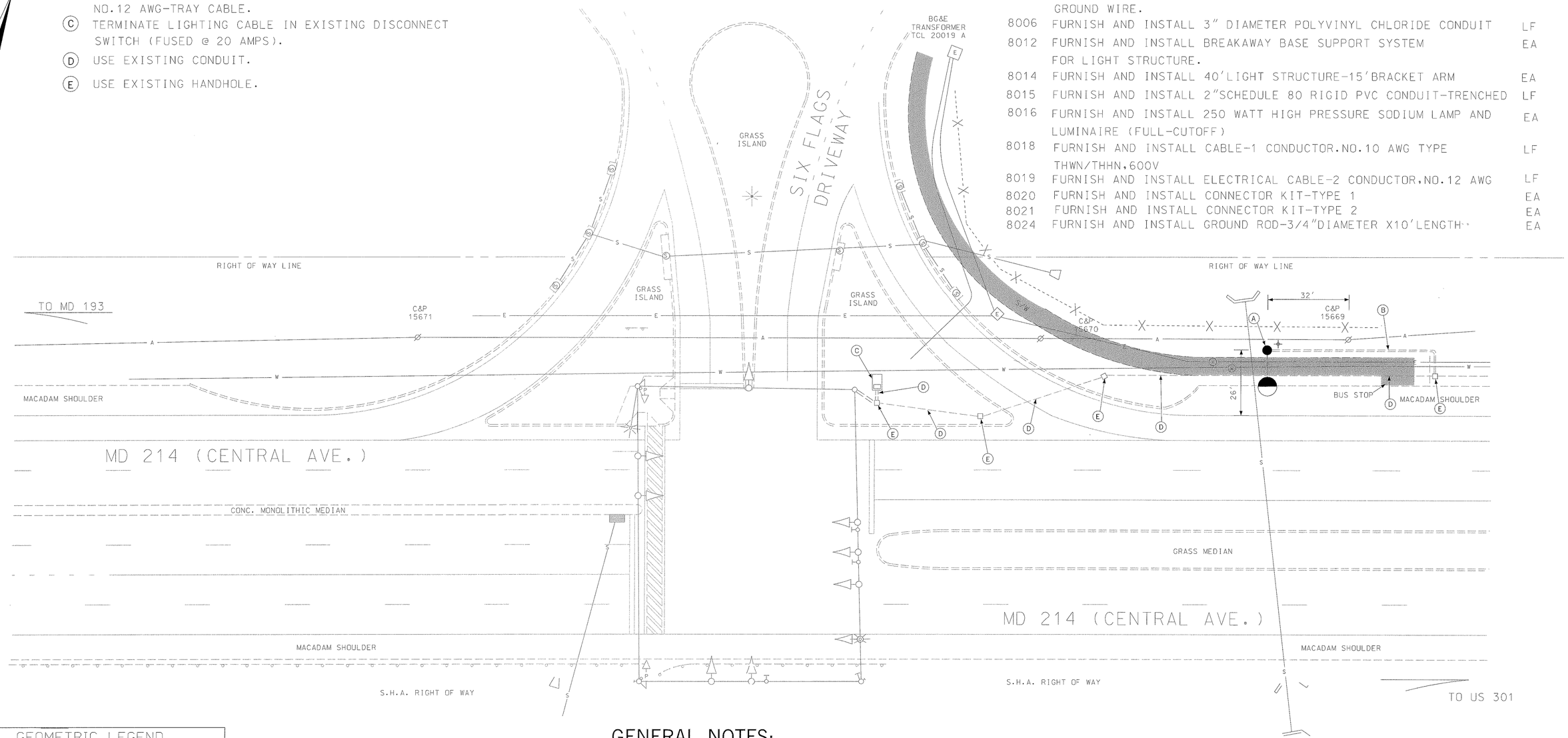
(D) USE EXISTING CONDUIT.

(E) USE EXISTING HANDHOLE.

MATERIALS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

EQUIPMENT LIST

ITEM	DESCRIPTION	UNIT	QTY.
8002	FURNISH AND INSTALL CONCRETE FOR LIGHT FOUNDATION	CU	22
8005	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER GROUND WIRE.	LF	270
8006	FURNISH AND INSTALL 3" DIAMETER POLYVINYL CHLORIDE CONDUIT	LF	10
8012	FURNISH AND INSTALL BREAKAWAY BASE SUPPORT SYSTEM FOR LIGHT STRUCTURE.	EA	1
8014	FURNISH AND INSTALL 40'LIGHT STRUCTURE-15'BRACKET ARM	EA	1
8015	FURNISH AND INSTALL 2"SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	LF	60
8016	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE (FULL-CUTOFF)	EA	1
8018	FURNISH AND INSTALL CABLE-1 CONDUCTOR.NO.10 AWG TYPE THWN/THHN,600V	LF	110
8019	FURNISH AND INSTALL ELECTRICAL CABLE-2 CONDUCTOR,NO.12 AWG	LF	300
8020	FURNISH AND INSTALL CONNECTOR KIT-TYPE 1	EA	1
8021	FURNISH AND INSTALL CONNECTOR KIT-TYPE 2	EA	1
8024	FURNISH AND INSTALL GROUND ROD-3/4"DIAMETER X10'LENGTH	EA	1



GENERAL NOTES:

1. ALL OTHER EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN AS IS UNLESS OTHER WISE NOTED.

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
C-T — C-T	CABLE/TELE

SYMBOL LEGEND

250 WATT HPS LUMINAIRE (FULL-CUTOFF)

GROUND ROD

SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 180
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

APPROVALS

PROJECT MANAGER\ENGINEER TEDD 8/29/00

TEAM LEADER\ENGINEER TEDD 9/6/2000

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

LIGHTING PLAN

MD 214 AND SIX FLAGS

DRAWN BY: J. ALLEN Jr.	F.A.P. NO.	SL NO.	SHEET NO.
CHECKED BY: S. RENZI	S.H.A. NO. PG 316A55/B05		
SCALE: 1"=20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. E-039	1 OF 1
DATE: AUGUST, 2000	LOG MILE:		