



PHASING NOTES:
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

OVERHEAD LINE HEIGHTS AT "A"
 PRIMARY 32'-0"
 SECOND 27'-0"
 CABLE 19'-0"

NOTE: US 1 (HICKORY BYPASS) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

A. EQUIPMENT TO BE FURNISHED/INSTALLED BY THE ADMINISTRATION

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
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A. EQUIPMENT TO BE FURNISHED/INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
1001	1	EACH	MAINTENANCE OF TRAFFIC
8012	10	LF	FURNISH AND INSTALL 3 INCH DIAMETER POLYVINYL CHLORIDE CONDUIT
8014	2.1	CY	FURNISH AND INSTALL CONCRETE FOR LIGHT FOUNDATION
8016	10	LF	FURNISH AND INSTALL NO. 4 AWG STRANDED BARE COPPER GROUND WIRE
8022	1	EA	FURNISH AND INSTALL 40 FOOT LIGHT STRUCTURE - 20 FOOT BRACKET ARM
8025	1	EA	FURNISH AND INSTALL BREAKAWAY BASE SUPPORT SYSTEM FOR LIGHTING STRUCTURE
8026	1	EA	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE
8032	1	EA	FURNISH AND INSTALL CONNECTOR KIT - TYPE 1
8033	1	EA	FURNISH AND INSTALL CONNECTOR KIT - TYPE 2
8036	1	EA	FURNISH AND INSTALL GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
8042	300	LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO 12 AWG)

CONSTRUCTION NOTES

- (A) INSTALL 40' LIGHT POLE WITH 20' BRACKET ARM
 - (B) INSTALL 3" DIAMETER POLYVINYL CHLORIDE CONDUIT
 - (C) INSTALL 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE
 - (D) INSTALL GROUND ROD - 3/4" DIAMETER X 10' LENGTH
 - (E) INSTALL ELECTRICAL CABLE - 2 CONDUCTOR #12 AWG IN EXISTING CONDUIT
 - (F) USE EXISTING CONDUIT
 - (G) USE EXISTING HANDHOLES
 - (H) INSTALL 1 CONDUCTOR #4 AWG STRANDED BARE COPPER GROUND WIRE
- NOTE: INSTALL LUMINAIRE WITH PHOTOCELL

LEGEND OF UTILITIES

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

<p>REVISIONS</p> <p>A 11/2001 INSTALL INTERSECTION STREET LIGHTING SHA NO. 445485 GCP 11/2001</p>		<p>APPROVALS</p> <p>TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>ORIGINAL</p> <p>ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>ON</p> <p>CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>FILE</p> <p>DIRECTOR, TRAFFIC & SAFETY</p>		<p>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION</p> <p>Office of Traffic & Safety</p> <p>TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>US 1 (HICKORY BYPASS) AND MD 543 (FOUNTAIN GREEN ROAD)</p>	
<p>DRAWN BY: JAG/AMT/CONSULT.</p> <p>CHECKED BY: JRL</p> <p>SCALE: 1"=20'</p> <p>DATE: MARCH 1999</p>	<p>F.A.P. NO. AC-NH-6-123-1(30)E</p> <p>S.H.A. NO. 23854</p> <p>COUNTY: HARFORD</p> <p>LOG MILE: TS-3854 A</p>	<p>TS NO. TS-3854 A</p> <p>T.I.M.S. NO. E728</p>	<p>SHEET NO. 199 OF 259</p>		