FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	1	5

CONSTRUCTION DETAILS

A. INSTALL BASE MOUNTED CABINET (SIZE 6) AND CONTROLLER WITH ALL NECESSARY EQUIPMENT INCLUDING SERVICE RISER, DISCONNECT SWITCH, METER BOX, AND LOOP DETECTOR AMPLIFIERS. (NOTE: 2–4" PVC, 2–2" PVC 90 DEGREE BENDS)

B. INSTALL 6' x 30' LOOP DETECTOR (3 – 6 –3 TURNS) QUADRUPOLE TYPE, ENCASED IN 1/4" FLEXIBLE TUBING.

C. INSTALL MICROPROBE PROBE SET.

D. INSTALL HANDHOLE. * INDICATES HANDHOLES WITH GROUNDRODS.

E. INSTALL STEEL POLE OF HEIGHT 21 FEET, WITH 70 FOOT MAST ARM, SIGNAL HEADS AND SIGNS, AND PEDESTRIAN SIGNAL HEAD. (NOTE: ONE – 3 INCH SCHEDULE 80, 90 DEGREE CONDUIT BEND AND 2" X 90" ANCHOR BOLTS)

F. INSTALL STEEL POLE OF HEIGHT 27 FEET, WITH 60 FOOT MAST ARM, SIGNAL HEADS AND SIGNS, AND 20 FOOT LIGHTING ARM WITH 250 WATT H.P.S. LUMINAIRE (NOTE: ONE – 3 INCH SCHEDULE 80, 90 DEGREE CONDUIT BEND AND 2" X 90" ANCHOR BOLTS)

G. INSTALL STEEL POLE OF HEIGHT 21 FEET, WITH TWIN 50 FOOT MAST ARMS, SIGNAL HEADS, AND SIGNS (NOTE: ONE – 3 INCH SCHEDULE 80, 90 DEGREE CONDUIT BEND AND 1–3/4" X 90" ANCHOR BOLTS)

H. NOT USED.

I. INSTALL SIGNAL HEADS ON MAST ARMS AS SHOWN ON PLANS

J. INSTALL 1" LIQUID TIGHT FLEXIBLE CONDUIT (AS DETECTOR SLEEVE).

K. INSTALL 2" PVC CONDUIT, SCHEDULE 80 (TRENCHED).

L. INSTALL 3" PVC CONDUIT, SCHEDULE 80 (TRENCHED).

M. INSTALL 2–3" PVC CONDUIT, SCHEDULE 80 (TRENCHED).

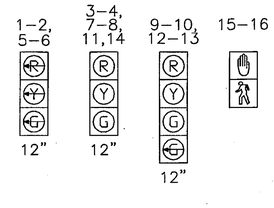
N. INSTALL 4" PVC CONDUIT, SCHEDULE 80 (BORED).

O. INSTALL 2–4" PVC CONDUIT, SCHEDULE 80 (TRENCHED).

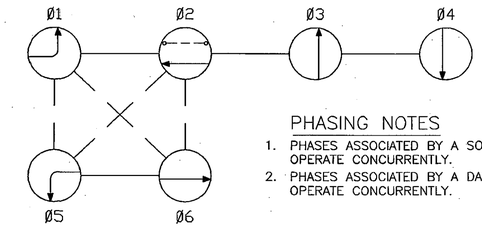
P. PROPOSED UNDERGROUND POWER FEED TO BE INSTALLED BY BALTIMORE GAS & ELECTRIC CO.

Q. RELOCATE EXISTING SIGN FROM MD 2 AND GRAND OAK DRIVE.

SIGNAL HEADS



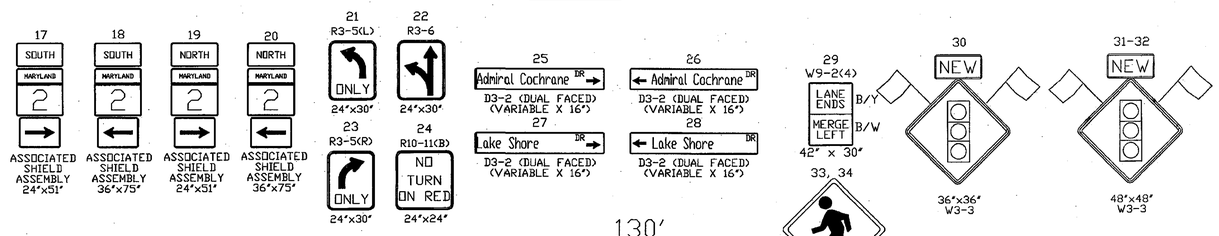
NEMA PHASING

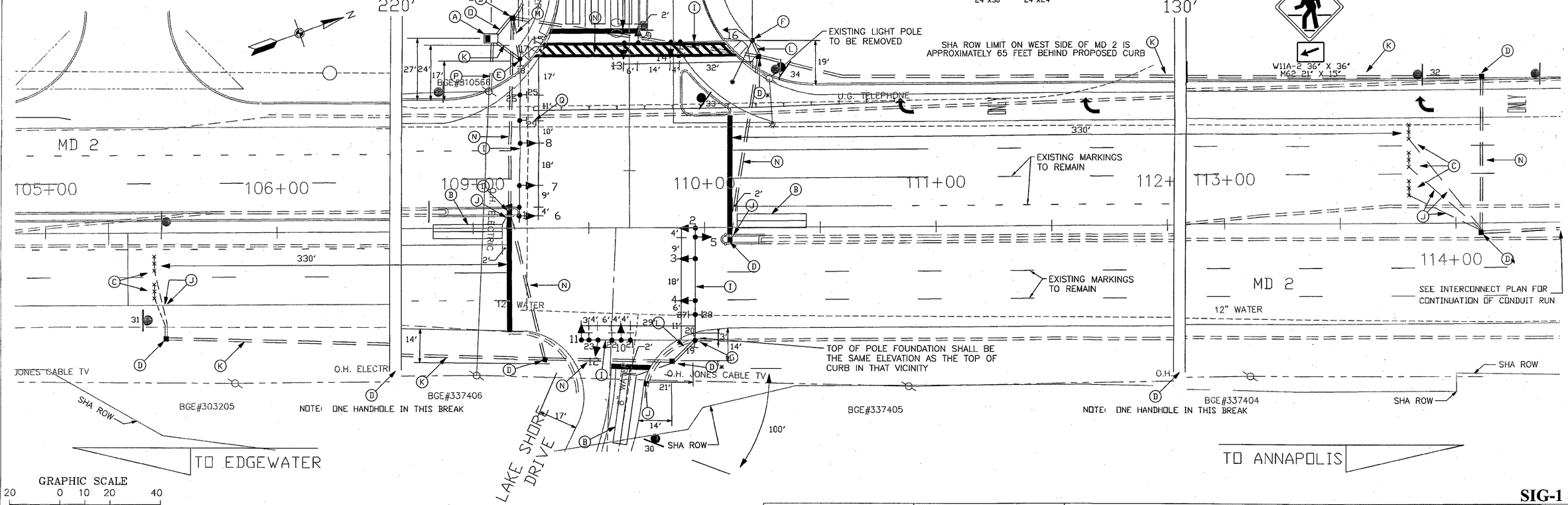


PHASING NOTES

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

SIGNS





SIG-1

REVISIONS	APPROVALS
1 REVISE SHA NO. 4–26–00	
2 REPLACE STRAIN POLES WITH MAST ARM POLES	CHIEF, SIGN DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION – OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
LOG # 000000.00

DRAWN BY R. ZELLNER
DES. BY B. BIDDLE
CHK. BY B. BIDDLE

MD ROUTE 2 (SOLOMON'S ISLAND ROAD) AND ADMIRAL COCHRANE DRIVE TRAFFIC SIGNAL PLAN
1 BW292M83
COUNTY: ANNE ARUNDEL

DATE: 12–1–99 F.A.P. NO. SEE TITLE SHEET
SCALE: 1" = 20' S.H.A. NO. SEE TITLE SHEET
TS/FILE NO. TS–3376A
SHEET 70 OF 90

TLB ASSOCIATES, INC.
SUBSURFACE EXPLORATION & GEOTECHNICAL CONSULTANTS
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STATE OF MARYLAND ERNEST D. LEPORE NO. 14958 REGISTERED PROFESSIONAL ENGINEER

Baker
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