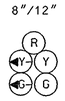
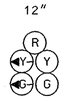
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

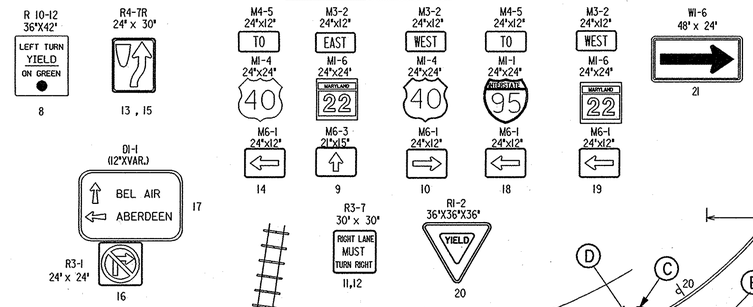
PROPOSED SIGNAL



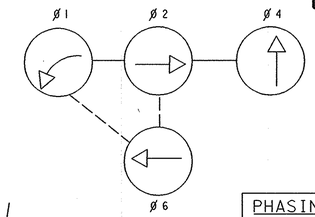
EXISTING SIGNALS



EXISTING SIGNS



NEMA PHASING

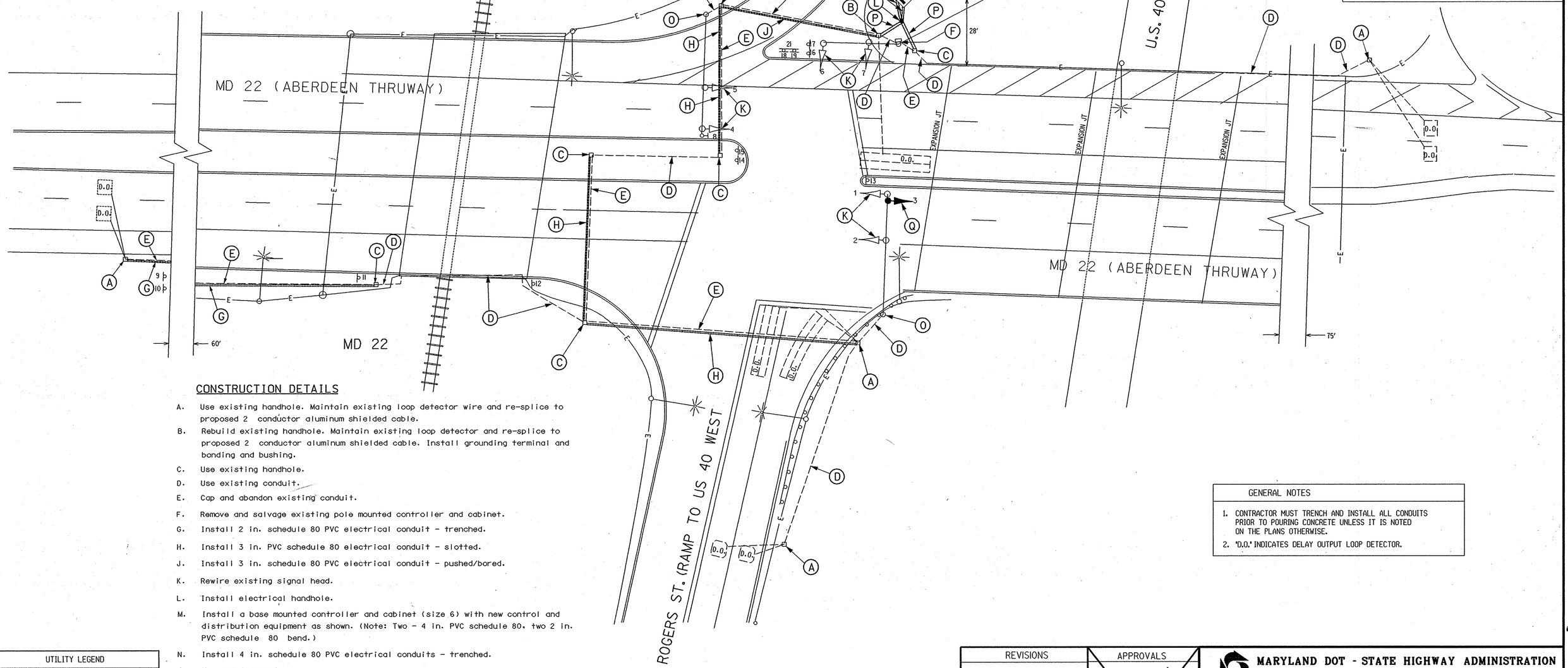


FLASHING OPERATION

MD 22 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION

PHASING NOTES:

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



CONSTRUCTION DETAILS

A. Use existing handhole. Maintain existing loop detector wire and re-splice to proposed 2 conductor aluminum shielded cable.

B. Rebuild existing handhole. Maintain existing loop detector and re-splice to proposed 2 conductor aluminum shielded cable. Install grounding terminal and bonding and bushing.

C. Use existing handhole.

D. Use existing conduit.

E. Cap and abandon existing conduit.

F. Remove and salvage existing pole mounted controller and cabinet.

G. Install 2 in. schedule 80 PVC electrical conduit - trenched.

H. Install 3 in. PVC schedule 80 electrical conduit - slotted.

J. Install 3 in. schedule 80 PVC electrical conduit - pushed/bored.

K. Rewire existing signal head.

L. Install electrical handhole.

M. Install a base mounted controller and cabinet (size 6) with new control and distribution equipment as shown. (Note: Two - 4 in. PVC schedule 80, two 2 in. PVC schedule 80 bend.)

N. Install 4 in. schedule 80 PVC electrical conduits - trenched.

O. Use existing pole .

P. Install 3 in. schedule 80 PVC electrical conduit - trenched.

Q. Install proposed traffic signal onto existing mast arm.

R. Install 2 in. schedule 80 PVC electrical conduit - trenched - 90 degree bend at wood pole /- for proposed telephone line.

T. Install 2 in. schedule 80 PVC electrical conduit - trenched.

U. Install conduit riser on BG&E 132301 for power service wire.

GENERAL NOTES

1. CONTRACTOR MUST TRENCH AND INSTALL ALL CONDUITS PRIOR TO POURING CONCRETE UNLESS IT IS NOTED ON THE PLANS OTHERWISE.
2. "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.

UTILITY LEGEND

T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN
FO	FIBER OPTIC

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS

EBA
EBA Engineering, Inc.
5800 Metro Drive
BALTIMORE, MARYLAND 21215
(410) 358-7171

DCI
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

REVISIONS

(A) REPLACE CABINET AND REWIRE EQUIPMENT

APPROVALS

ORIGINAL ON FILE

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 22 (ABERDEEN THRUWAY) AND ROGERS ST.

(ON RAMP TO US 40 WEST)

LOGMILE #: 1200211.81

DATE 12 /3 /81

DRAWN BY: S. RENZI	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
CHECK BY: S. RENZI	S.H.A. NO.	H 825-501-485	TS-1844A	____ OF ____
SCALE: 1"=20'	COUNTY	HARFORD		

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