F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE BELOW	1	1

PROPOSED SIGNALS

8"/12"

1.4.7.10

EXISTING SIGNALS

12"

2.5.8.11

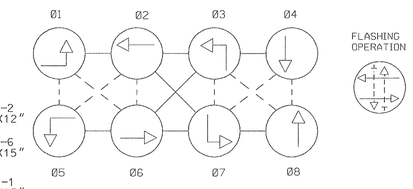
12"

3.6.9.12

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

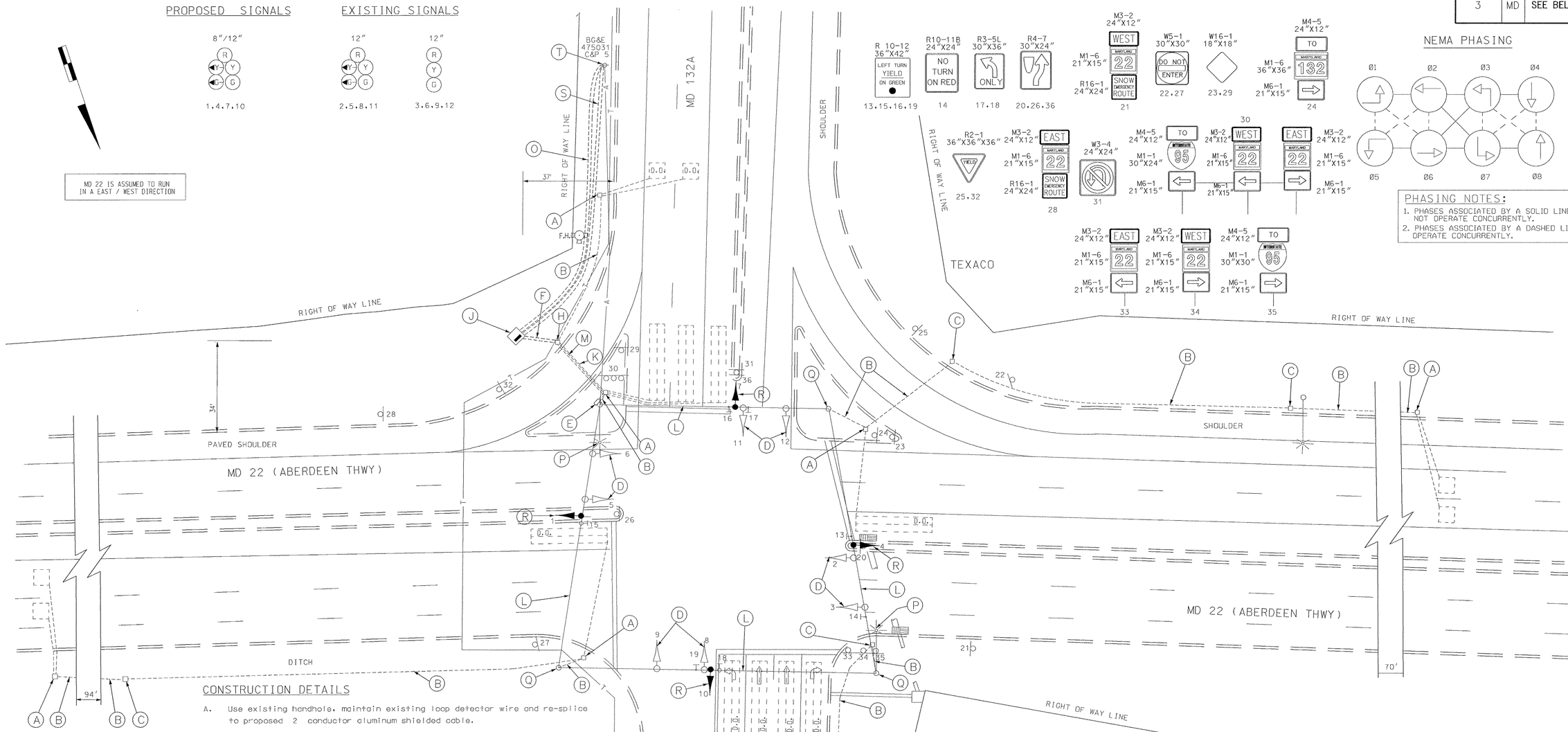
EXISTING SIGN

NEMA PHASING



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. Use existing conduit.

C. Use existing handhole.

D. Rewire existing signal head.

E. Remove and salvage existing pole mounted controller and cabinet and control and distribution equipment.

F. Install two - 4 in. schedule 80 PVC electrical conduit - trenched.

H. Rebuild existing handhole.

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

K. Cap and abandon existing conduit.

L. Use and re-ring existing span wire with 4" rings.

M. Install 4 in. schedule 80 PVC electrical conduit - slotted.

O. Install 2 in. PVC schedule 80 electrical conduit trenched.

P. Re-cable existing street light luminaire.

Q. Use existing pole base.

R. Install proposed traffic signal onto existing span wire.

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

T. Install 2 in. PVC electrical conduit riser on wood pole.

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

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

REVISIONS

D	REPLACE CONTROLLER & CABINET. ADD PHONE DROP.	1/98
C	REPLACE LOOP DETECTORS, CONDUIT AND HANDHOLES FOR BEARDS HILL RD.	11/85

APPROVALS

ORIGINAL ON FILE

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

EBA
EBA ENGINEERING, INC.
9888 MESHO DRIVE
BALTIMORE, MARYLAND 21235
(410) 356-7171

DGL
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 22 & MD 132A / BEARDS HILL ROAD

LOGMILE #: 12002210.30

DATE 1 /30/70

DRAWN BY: ALAN HOFFMAN (ASH)

CHECK BY: ELISABETH MILESKY

SCALE: 1"=20'

F.A.P. NO. AMIIHA58 / B58

S.H.A. NO.

COUNTY HARFORD

PLAN SHEET NO.: TS-110C

SHEET NO. ____ OF ____