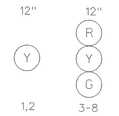
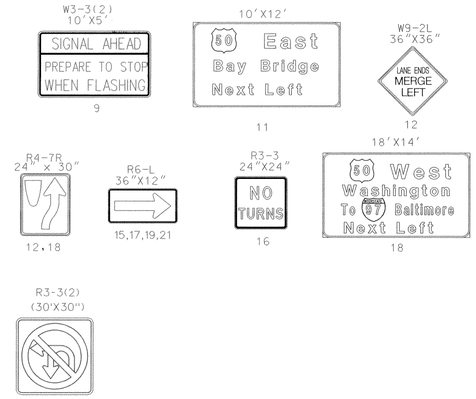
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

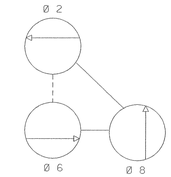
EXISTING SIGNALS



EXISTING SIGNS



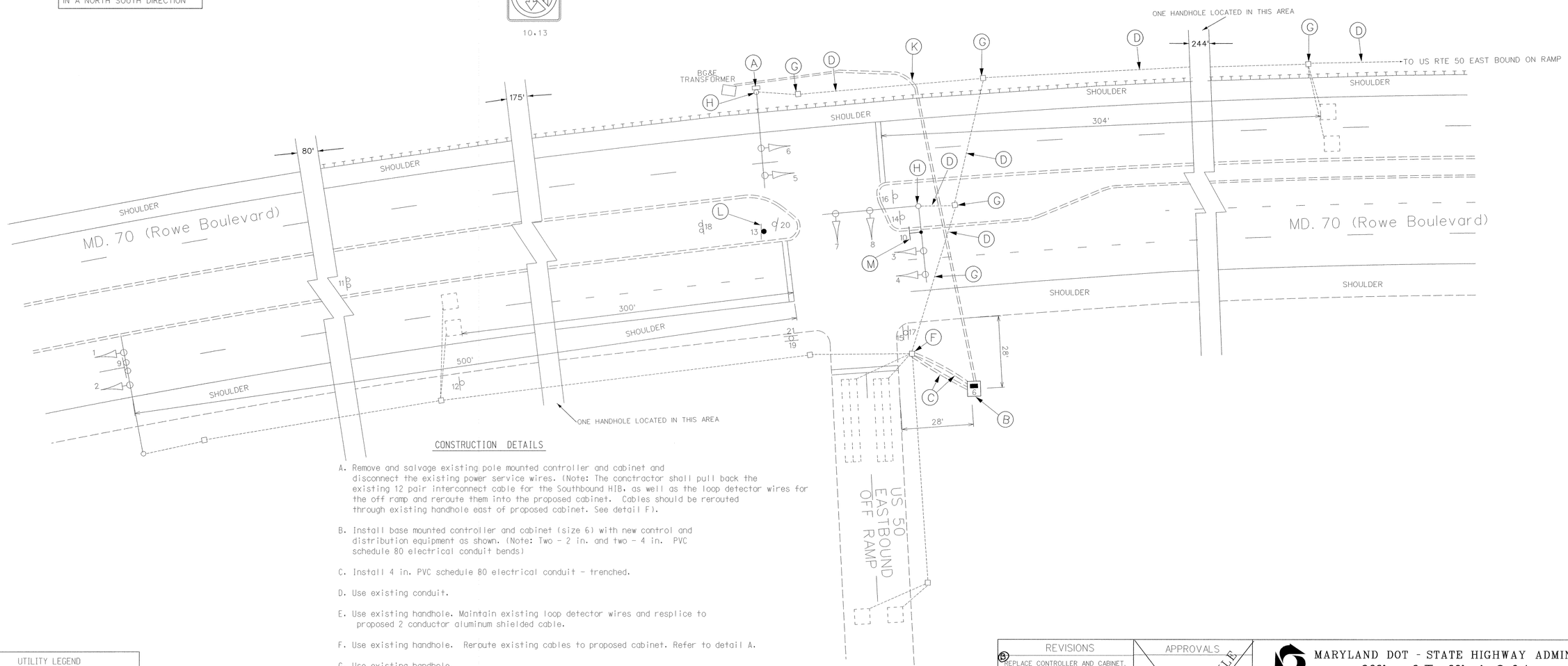
NEMA PHASING



PHASING NOTES:

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

MD RTE 70 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION



CONSTRUCTION DETAILS

A. Remove and salvage existing pole mounted controller and cabinet and disconnect the existing power service wires. (Note: The conctractor shall pull back the existing 12 pair interconnect cable for the Southbound HIB, as well as the loop detector wires for the off ramp and reroute them into the proposed cabinet. Cables should be rerouted through existing handhole east of proposed cabinet. See detail F).

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

C. Install 4 in. PVC schedule 80 electrical conduit - trenched.

D. Use existing conduit.

E. Use existing handhole. Maintain existing loop detector wires and resplice to proposed 2 conductor aluminum shielded cable.

F. Use existing handhole. Reroute existing cables to proposed cabinet. Refer to detail A.

G. Use existing handhole.

H. Use existing pole base.

J. Rewire existing signal heads.

K. Install 2 in. PVC schedule 80 electrical conduit - pushed

L. Install ground mounted sign.

M. Install overhead sign

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

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

EBA
EBA ENGINEERING, INC.
5888 METRO DRIVE
BALTIMORE, MARYLAND 21215
•418• 358-7171

DCI
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

REVISIONS

(B) REPLACE CONTROLLER AND CABINET. ADD PHONE DROP

LSC EBA

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 70 (ROWE BOULEVARD) AND
US 50 EASTBOUND OFF RAMP

LOGMILE #: 02007001.43 74

DATE / /

DRAWN BY:		F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
CHECK BY:		S.H.A. NO.	AW114A5B / B5B	TS 2342B	3 OF 6
SCALE:	1"=20'	COUNTY	ANNE ARUNDEL		