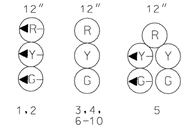
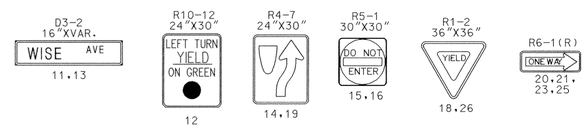
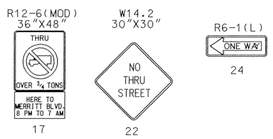
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

EXISTING SIGNALS



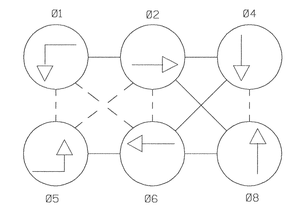
EXISTING SIGNS





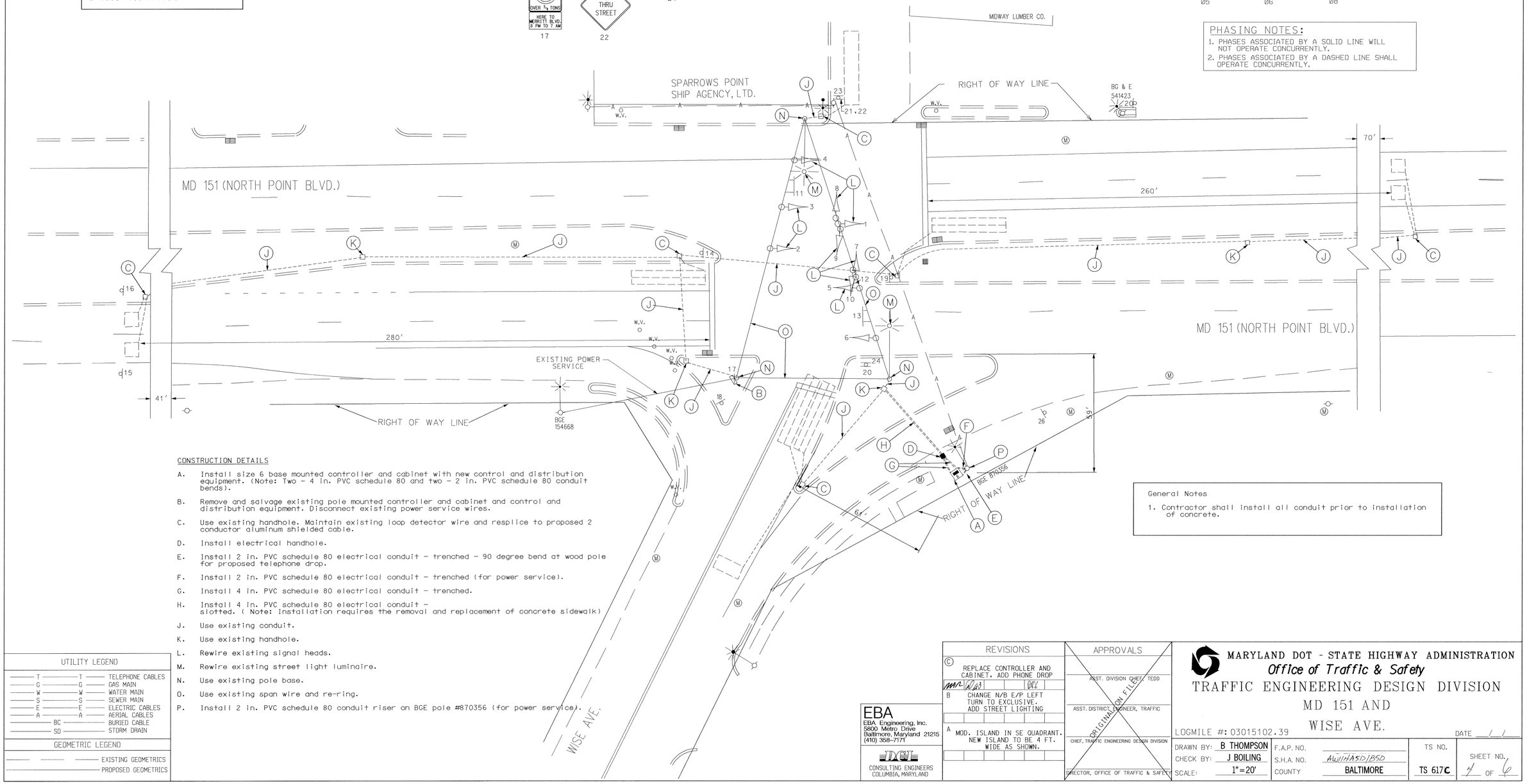
MD 151 is assumed to run in a east/west direction

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.



General Notes

1. Contractor shall install all conduit prior to installation of concrete.

CONSTRUCTION DETAILS

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

B. Remove and salvage existing pole mounted controller and cabinet and control and distribution equipment. Disconnect existing power service wires.

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

D. Install electrical handhole.

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

F. Install 2 in. PVC schedule 80 electrical conduit - trenched (for power service).

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

H. Install 4 in. PVC schedule 80 electrical conduit - slotted. (Note: Installation requires the removal and replacement of concrete sidewalk)

J. Use existing conduit.

K. Use existing handhole.

L. Rewire existing signal heads.

M. Rewire existing street light luminaire.

N. Use existing pole base.

O. Use existing span wire and re-ring.

P. Install 2 in. PVC schedule 80 conduit riser on BGE pole #870356 (for power service).

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

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

EBA
EBA Engineering, Inc.
5800 Metro Drive
Baltimore, Maryland 21215
(410) 358-7171

DCL
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

REVISIONS

C REPLACE CONTROLLER AND CABINET. ADD PHONE DROP

B CHANGE N/B E/P LEFT TURN TO EXCLUSIVE. ADD STREET LIGHTING

A MOD. ISLAND IN SE QUADRANT. NEW ISLAND TO BE 4 FT. WIDE AS SHOWN.

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

ORIGINAL ON FILE

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 151 AND
WISE AVE.

LOGMILE #: 03015102.39

DATE / /

DRAWN BY:	B THOMPSON	F.A.P. NO.		TS NO.	SHEET NO.
CHECK BY:	J BOILING	S.H.A. NO.	AW114A5D/B5D		
SCALE:	1"=20'	COUNTY	BALTIMORE	TS 617C	4 OF 6