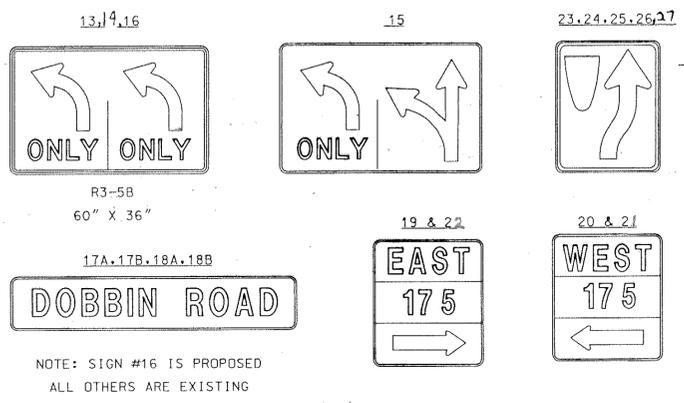
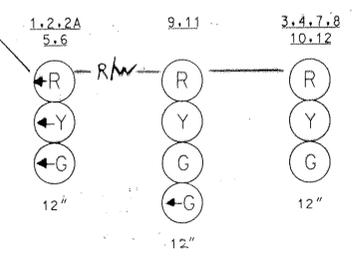


F.H.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE BELOW	1	2

SIGNS



SIGNALS

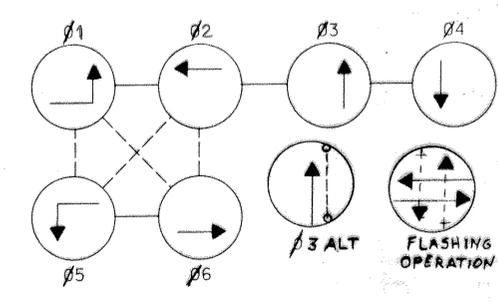


NOTE: SIGNAL 2A IS PROPOSED
ALL OTHERS ARE EXISTING

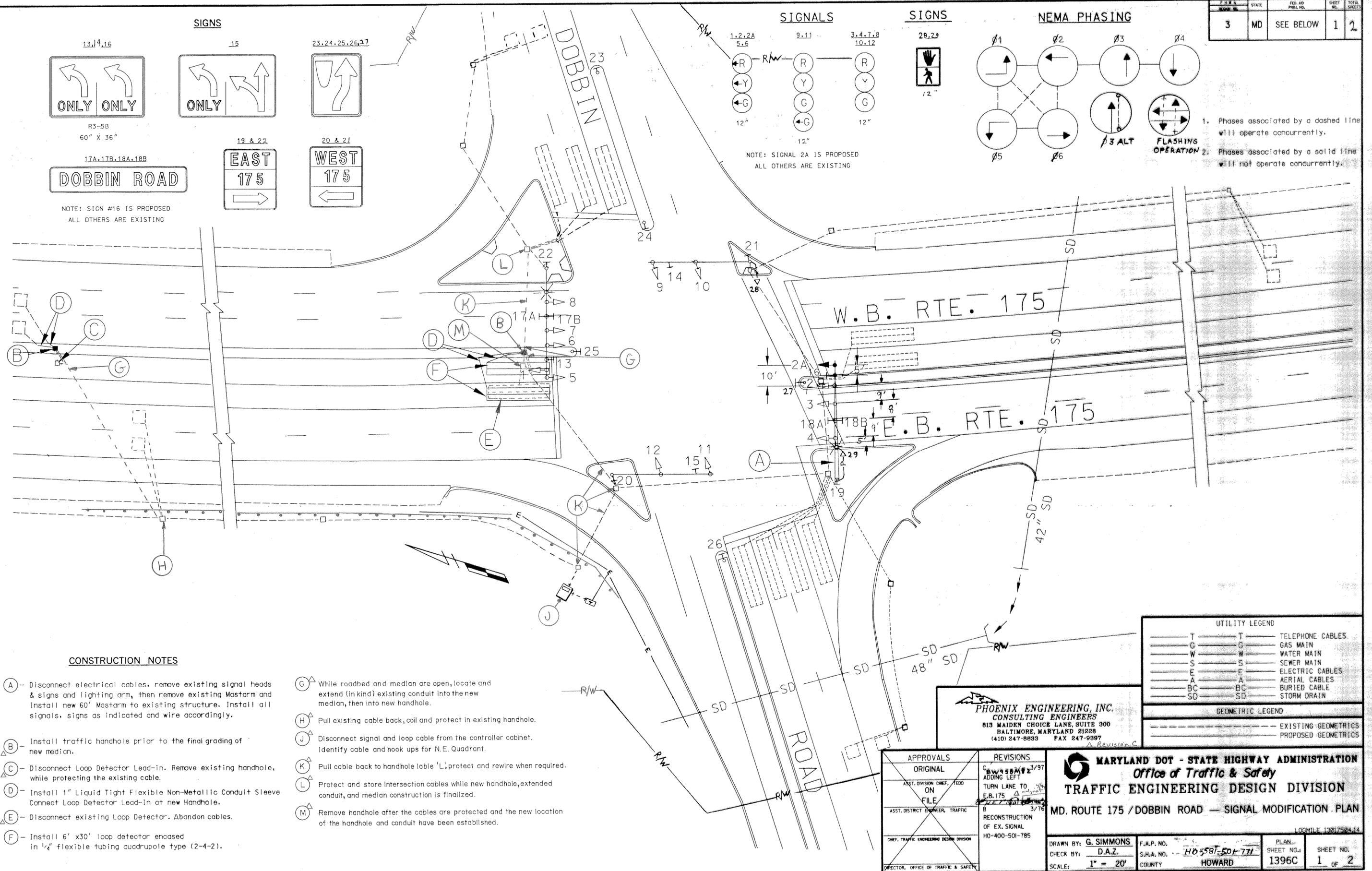
SIGNS



NEMA PHASING



1. Phases associated by a dashed line will operate concurrently.
2. Phases associated by a solid line will not operate concurrently.



CONSTRUCTION NOTES

- (A) Disconnect electrical cables, remove existing signal heads & signs and lighting arm, then remove existing Mastarm and install new 60' Mastarm to existing structure. Install all signals, signs as indicated and wire accordingly.
- (B) Install traffic handhole prior to the final grading of new median.
- (C) Disconnect Loop Detector Lead-in. Remove existing handhole, while protecting the existing cable.
- (D) Install 1" Liquid Tight Flexible Non-Metallic Conduit Sleeve. Connect Loop Detector Lead-In at new Handhole.
- (E) Disconnect existing Loop Detector. Abandon cables.
- (F) Install 6' x30' loop detector encased in 1/4" flexible tubing quadrupole type (2-4-2).
- (G) While roadbed and median are open, locate and extend (in kind) existing conduit into the new median, then into new handhole.
- (H) Pull existing cable back, coil and protect in existing handhole.
- (J) Disconnect signal and loop cable from the controller cabinet. Identify cable and hook ups for N.E. Quadrant.
- (K) Pull cable back to handhole table 'L', protect and rewire when required.
- (L) Protect and store intersection cables while new handhole, extended conduit, and median construction is finalized.
- (M) Remove handhole after the cables are protected and the new location of the handhole and conduit have been established.

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

PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
815 MAIDEN CHOICE LANE, SUITE 300
BALTIMORE, MARYLAND 21228
(410) 247-8835 FAX 247-9387

APPROVALS	REVISIONS
ORIGINAL	CW 3/23/97
ASST. DIVISION CHIEF, T.E.D.D.	ADDING LEFT
ON FILE	TURN LANE TO E.B. 175
ASST. DISTRICT ENGINEER, TRAFFIC	B 3/76
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	RECONSTRUCTION OF EX. SIGNAL
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	HO-400-501-785

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD. ROUTE 175 / DOBBIN ROAD — SIGNAL MODIFICATION PLAN

LOGFILE 13817504-14

DRAWN BY: G. SIMMONS	F.A.P. NO.	PLAN SHEET NO.:	SHEET NO.
CHECK BY: D.A.Z.	S.H.A. NO. HO-587-501-771	1396C	1 OF 2
SCALE: 1" = 20'	COUNTY: HOWARD		