US 40 (Pulaski Highway) is considered to run in an East/West direction.

EXISTING SIGNALS

3,6,7 — 12"
4,5,8, 11,13,16 — 12"
9 — 12"
10,12,14,15 — 12"

EXISTING SIGNAL TO BE RELOCATED

1 — 12"

EXISTING CAMERA

a,b,c,d

EXISTING SIGNS

19a — Mauldin AVE
19b — Mauldin AVE
D-3(1) 16" x Var. Dual-faced

21a — North East SB
21b — North East BD
D-3(1) 16" x Var. Dual-faced

22 — NO TURN ON RED
R 10-11(B) 24" x 24"

23,26 — ONLY
R 3-5(L) 30" x 36"

27
R 3-6(L) 30" x 36"

25,28 — Pulaski Highway
D-3(1) 16" x Var. Dual-faced

PROPOSED SIGNAL

2 — 12"

PROPOSED SIGNS

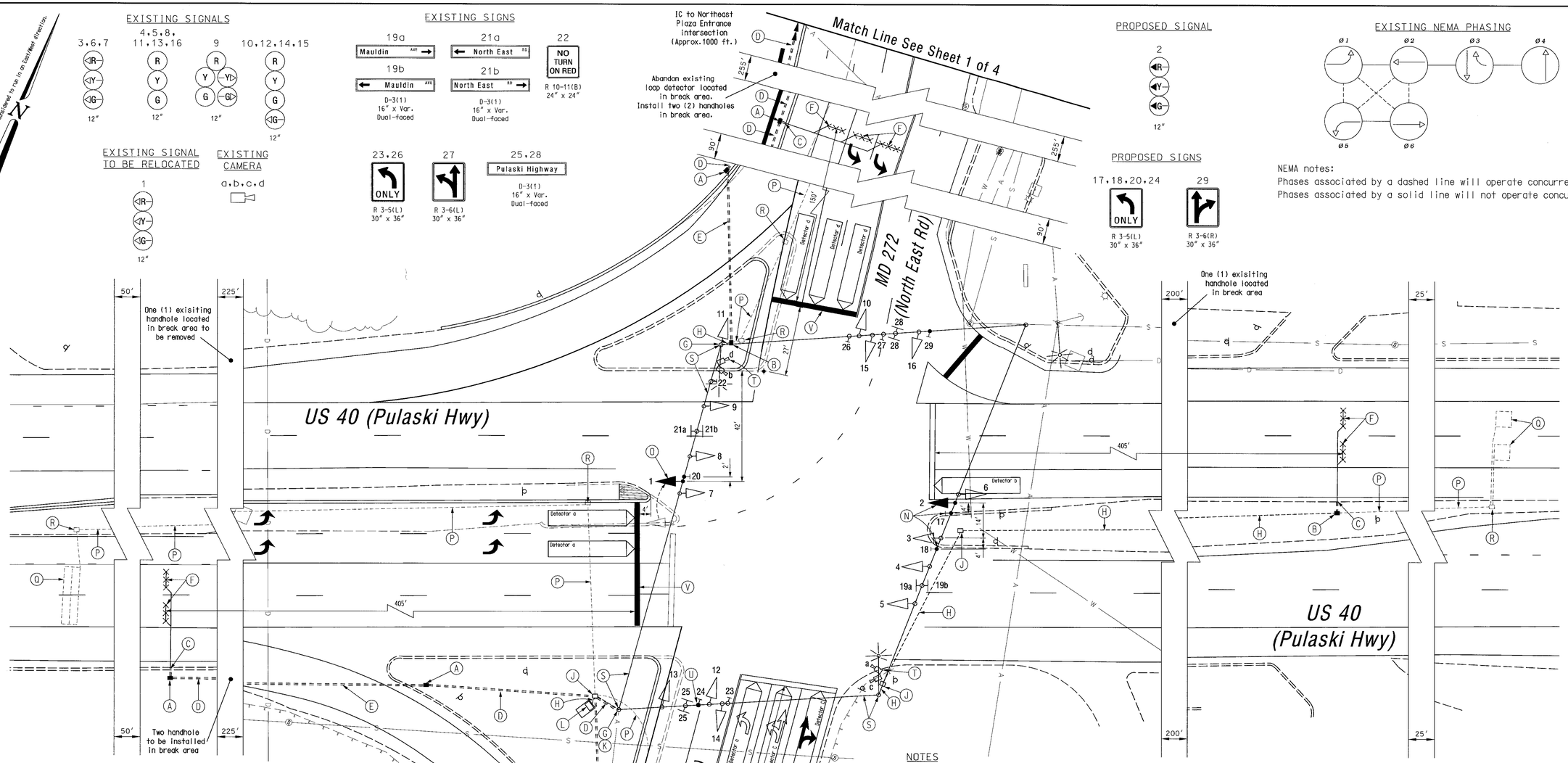
17,18,20,24 — ONLY
R 3-5(L) 30" x 36"

29
R 3-6(R) 30" x 36"

EXISTING NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6

NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.



NOTES

All existing disconnected aluminum shielded cable SHALL BE REMOVED.

CONSTRUCTION DETAILS

A. Install handhole.
B. Install handhole on existing conduit run.
C. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
D. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
E. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
F. Install micro-loop probe (set of 3).
G. Install 3 in. weather head.
H. Use existing conduit.
J. Use existing handhole.
K. Install additional 3 in. elbow in existing pole base.
L. Use existing cabinet/controller.
N. Use existing span wire, install signal head, and signs.
O. Use existing span wire, rewire and relocate existing signal head.
P. Cap and abandon existing conduit.
Q. Abandon existing loop detectors.
R. Remove existing handhole.
S. Use existing strain pole and existing span wire.
T. Realim existing video camera for new lane assignments.
U. Remove existing R 3-6(L) sign. Install new R3-5(L) sign.
V. Install 24 in. wide pavement marking - white for stop line.
W. Use existing span wire, install sign.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
2. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'D' is a revision to the traffic signal built in (Month, Year) under S.H.A. Contract No.: W-401-503-372.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
D — STORM DRAIN
A — AERIAL CABLES
T — TELEPHONE CABLES

Revision "D"

The Traffic Group
The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS

C	Modify geometrics for DBL LTL EB/SB S.H.A. No.:BW996M82				3/28/05
FDB	[illegible]	[illegible]			[illegible]
B	Modify geometrics for DBL LTL. S.H.A. No.:BW996M82				05/05/04
TC					
A	Recut loops due to paving. CE693-501-277				02/08/88
TC	SR	DZ	DPN	TH	

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

US 40 (Pulaski Hwy) at MD 272

DRAWN BY:		F.A.P. NO.		TS NO. 296D	SHEET NO.
CHECKED BY:		S.H.A. NO.	BW996M82		
SCALE:	1" = 20'	COUNTY:	Cecil	T.I.M.S. NO. G785	3 OF 4
DATE:		LOG MILE:	07004008.35		

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