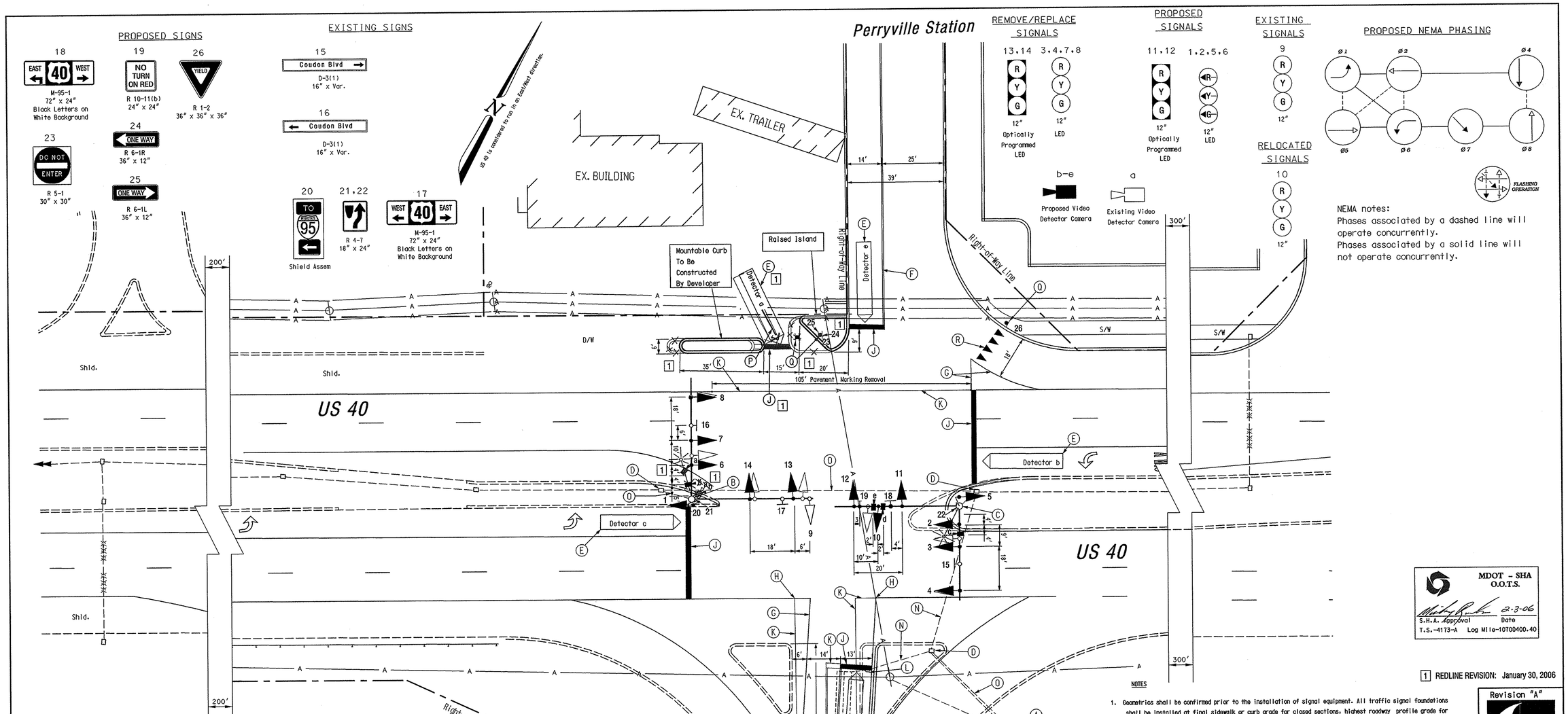

NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.

MDOT - SHA
O.O.T.S.
S.H.A. Approval — Date 2-3-06
T.S.-4173-A Log Mile-10700400.40

1 REDLINE REVISION: January 30, 2006

CONSTRUCTION DETAILS

A. Use existing base mounted cabinet/controller, and all attached equipment
B. Use existing mast arm pole and mast arms. Install/Replace vehicle signal heads. as shown. Install video camera detection [Camera (a)] near end of lighting arm and adjust existing video detection [camera (b)] to new camera zone location for Eastbound US 40 turn lane.. (1)
C. Use existing mast pole and remove existing mast arm. Install new 50 ft arm with vehicle signal heads, signs, and video camera detection. sign. Rake existing mast arm pole as necessary.
D. Use existing handhole.
E. (1) Video Detection zone.
F. Install 5 in. wide double yellow Thermoplastic pavement marking for center line.
G. Install 10 in. wide white Thermoplastic pavement marking for lane line.
H. Tie new pavement markings to existing pavement markings.
J. (1) Install 24 in. wide pavement marking - white for stop line.
K. Remove existing Pavement marking by grinding.
L. Remove existing handhole.
M. Abandon existing loop detector.
N. Cap and abandon existing conduit.
O. Use existing conduit.
P. (1) Install pavement marking symbol (Wrong Way Arrow) as shown. Symbol length may be modified as necessary.
Q. (1) Install ground minted sign as shown.
R. Install YIELD Pavement marking symbol as shown. (6 total) See Detail.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

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

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.
3. Revision 'A' is a revision to the traffic signal built in (April 2002.
4. 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.

Revision "A"

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

REVISIONS					
A	Geometric modifications, add video camera detection. S.H.A. No. 10995M82	Nov. 2, 2005			
FJH					

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL DWG. FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)
US 40 at Coudon Blvd (Formerly Ikea Connector Road)

DRAWN BY:	M. Howell	F.A.P. NO.	N/A	TS NO. 4173-A	SHEET NO.
CHECKED BY:	T. Zaydel	S.H.A. NO.	BW996M82		
SCALE:	1" = 20'	COUNTY:	Cecil	T.I.M.S. NO. H-046	1 OF 2
DATE:	Date	LOG MILE:	0700400.40		

F:\0204\10204-0320\DESIRED LINE Signal\11-18-05.dgn 1/27/2006