MD 45 IS ASSUMED TO RUN
IN A NORTH / SOUTH DIRECTION

PROPOSED SIGNS

15,16

S1-1 FYG
(36"x 36")

W16-7PL FYG
(30"x 18")

EXISTING SIGN TO BE REMOVED

17

LEFT TURN
YIELD
ON GREEN

EXISTING SIGNS TO REMAIN

9,11,13,14

Aigburth Rd

10

Towson ByPass
Bosley Ave
LEFT LANE

12

NO
TURN
ON
RED

18,19

York Rd

EXISTING SIGNALS

1,2,4,5,6 — R, Y, G

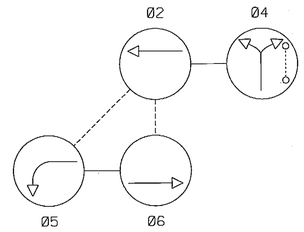
3 — R, Y, G

7,8

PROPOSED VIDEO DETECTION

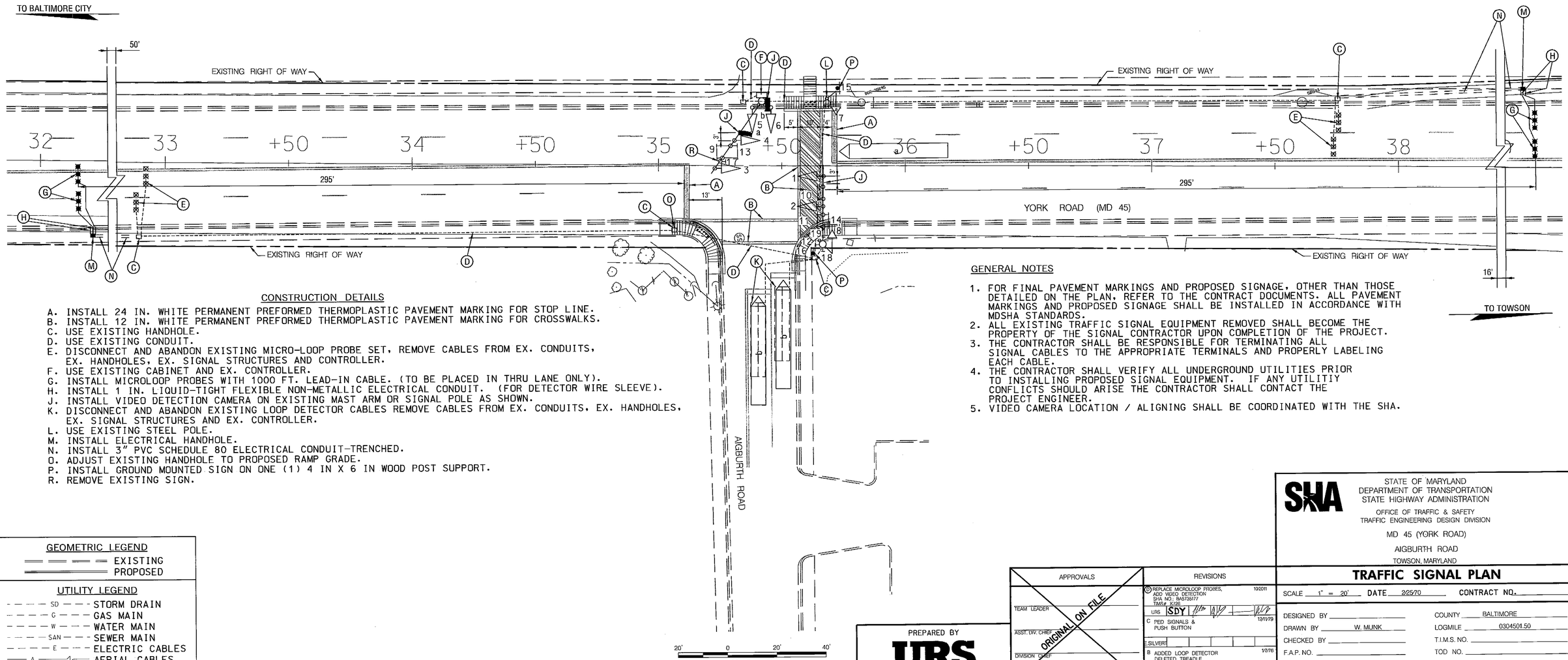
a,b

NEMA PHASING



FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
B. INSTALL 12 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
C. USE EXISTING HANDHOLE.
D. USE EXISTING CONDUIT.
E. DISCONNECT AND ABANDON EXISTING MICRO-LOOP PROBE SET, REMOVE CABLES FROM EX. CONDUITS, EX. HANDHOLES, EX. SIGNAL STRUCTURES AND CONTROLLER.
F. USE EXISTING CABINET AND EX. CONTROLLER.
G. INSTALL MICROLOOP PROBES WITH 1000 FT. LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY).
H. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).
J. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM OR SIGNAL POLE AS SHOWN.
K. DISCONNECT AND ABANDON EXISTING LOOP DETECTOR CABLES REMOVE CABLES FROM EX. CONDUITS, EX. HANDHOLES, EX. SIGNAL STRUCTURES AND EX. CONTROLLER.
L. USE EXISTING STEEL POLE.
M. INSTALL ELECTRICAL HANDHOLE.
N. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.
O. ADJUST EXISTING HANDHOLE TO PROPOSED RAMP GRADE.
P. INSTALL GROUND MOUNTED SIGN ON ONE (1) 4 IN X 6 IN WOOD POST SUPPORT.
R. REMOVE EXISTING SIGN.

GENERAL NOTES

1. FOR FINAL PAVEMENT MARKINGS AND PROPOSED SIGNAGE, OTHER THAN THOSE DETAILED ON THE PLAN, REFER TO THE CONTRACT DOCUMENTS. ALL PAVEMENT MARKINGS AND PROPOSED SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH MDSHA STANDARDS.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE PROJECT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
SAN — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
FO — FIBER-OPTIC

PREPARED BY
URS
HUNT VALLEY, MARYLAND

APPROVALS

TEAM LEADER — ORIGINAL ON FILE
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

D	REPLACE MICROLOOP PROBES, ADD VIDEO DETECTION SHA NO.: BA5735177 TIMS#: XX86	10/2011	URS	SDY	10/11/79
C	PED SIGNALS & PUSH BUTTON	10/11/79	E.SILVERT		
B	ADDED LOOP DETECTOR DELETED TREADLE HANDBOX NE COR	1/7/76	E.SILVERT		

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 45 (YORK ROAD)
AIGBURTH ROAD
TOWSON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 2/25/70 CONTRACT NO.

DESIGNED BY
DRAWN BY W. MUNK
CHECKED BY
F.A.P. NO.

COUNTY BALTIMORE
LOGMILE 0304501.50
T.I.M.S. NO.
TOD NO.

TS NO. 159D | DRAWING NO: SG - 4 OF 6 | SHEET NO. 33 OF 35

PLOTTED: Monday, October 03, 2011 AT 08:36 AM
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BY: lichun_yeh