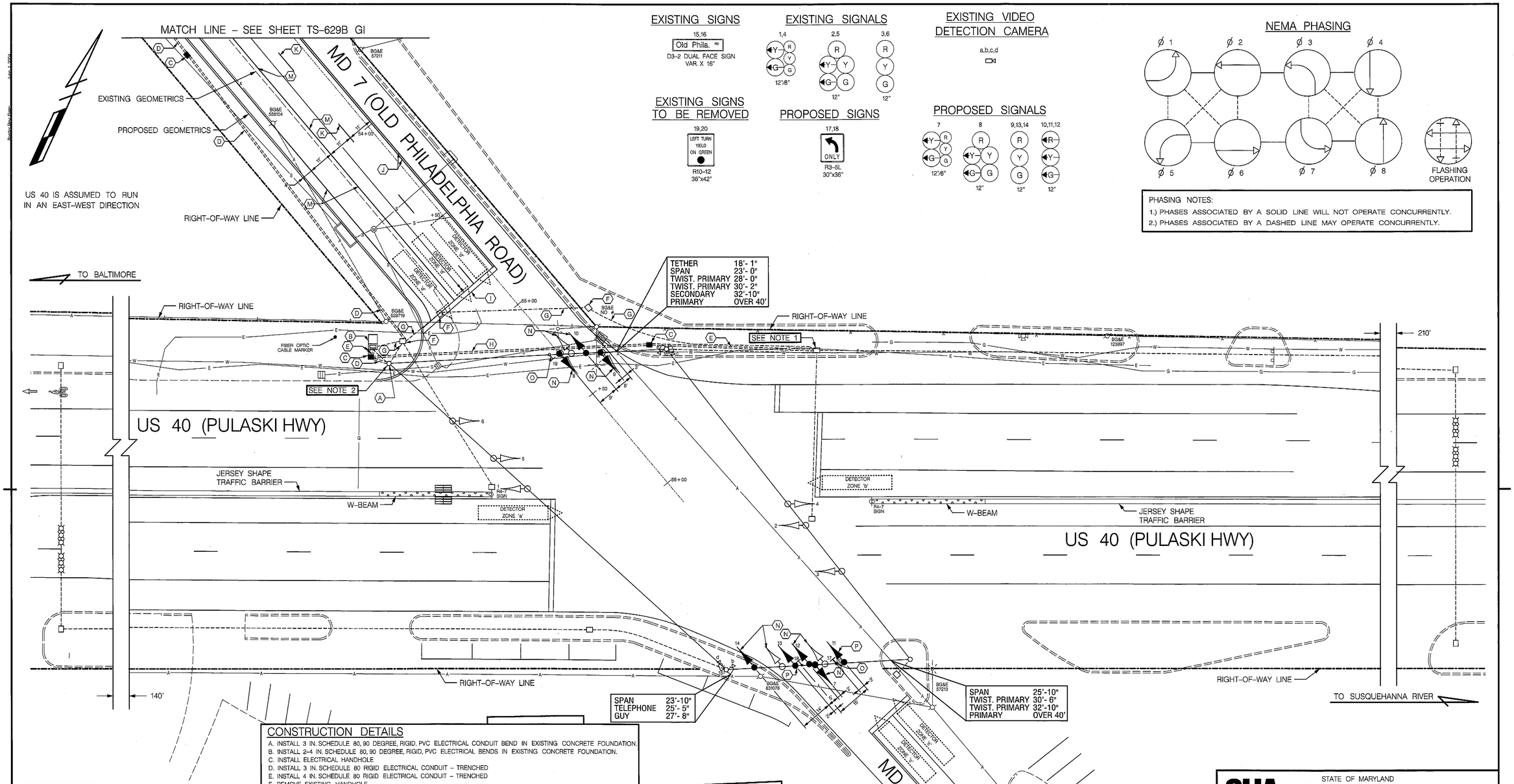

EXISTING SIGNS

15,16
Old Phila. RD
D3-2 DUAL FACE SIGN
VAR. X 16"

EXISTING SIGNS TO BE REMOVED

19,20
LEFT TURN YIELD ON GREEN
R10-12
36"x42"

EXISTING SIGNALS

1,4 — 12"x8"
2,5 — 12"
3,6 — 12"

PROPOSED SIGNS

17,18
ONLY
R3-5L
30"x36"

EXISTING VIDEO DETECTION CAMERA

a,b,c,d

PROPOSED SIGNALS

7 — 12"x8"
8 — 12"
9,13,14 — 12"
10,11,12 — 12"

NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, Ø 5, Ø 6, Ø 7, Ø 8

FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

NOTES

1. DISCONNECT THE MICRO-LOOP PROBE LEAD-INS FOR W.B. US 40 AND PULL BACK TO THIS POINT. REINSTALL CABLE THROUGH NEW CONDUIT TO THE EXISTING BASE MOUNTED CABINET.
2. DISCONNECT THE MICRO-LOOP PROBE LEAD-INS FOR E.B. US 40, ALL SIGNAL CABLES AND ALL VIDEO DETECTION CABLES BACK TO THIS POINT. REINSTALL CABLE THROUGH NEW CONDUIT TO THE EXISTING BASE MOUNTED CABINET.

CONSTRUCTION DETAILS

A. INSTALL 3 IN. SCHEDULE 80, 90 DEGREE, RIGID, PVC ELECTRICAL CONDUIT BEND IN EXISTING CONCRETE FOUNDATION.
B. INSTALL 2–4 IN. SCHEDULE 80, 90 DEGREE, RIGID, PVC ELECTRICAL BENDS IN EXISTING CONCRETE FOUNDATION.
C. INSTALL ELECTRICAL HANDHOLE
D. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – TRENCHED
E. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – TRENCHED
F. REMOVE EXISTING HANDHOLE
G. CAP AND ABANDON EXISTING CONDUIT
H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – BORED
I. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
J. INSTALL 5 IN. YELLOW HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
K. INSTALL 5 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING (10 FT. LINE, 30 FT. GAP)
L. INSTALL 5 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING (3 FT. LINE, 9 FT. GAP)
M. INSTALL 5 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
N. INSTALL NEW SIGNAL HEAD AND REMOVE EXISTING SIGNAL HEAD AS SHOWN
O. REMOVE EXISTING SIGN
P. INSTALL NEW SIGNAL HEAD AS SHOWN
Q. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – BORED
R. INSTALL NON-INVASIVE MICRO-LOOP PROBE WITH LEAD-IN CABLE
S. INSTALL WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING ARROW

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

B	REPLACE DETECTION AND WIRING DUE TO GEOMETRIC IMPROVEMENTS ALONG SB MD 7				
4-14-10	TMS# K-154	SHA NO. BW-998M82			
TMZ	KS				
A	UPGRADE VIDEO DETECTION ON ALL LEGS. INSTALL NON-INVASIVE PROBES. AS-BUILT				
10-25-09		SHA NO. XX3565168			
SBS	MM	WM			DJD

FILE PATH: M:\2200\2253\SIGNAL\signal.dgn
DATE: Wednesday, April 14, 2010 AT 02:24 PM

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

US 40 (PULASKI HWY) AND MD 7/ MD 159 (OLD PHILADELPHIA ROAD)
ABERDEEN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 7-19-72 CONTRACT NO. H616-007-470

DESIGNED BY
DRAWN BY
CHECKED BY
F.A.P. NO. RF 928-1(27)

COUNTY HARFORD
LOGMILE 12000711.22
T.I.M.S. NO. K-154
TOD NO.

DRAWING NO. TS-629B

SHEET NO. 1 OF 2