PROPOSED SIGNS

26,29 — Gov. Ritchie Hwy — D3-2 (VARIABLE x 16 in.) DUAL FACE

21 — Pasadena Rd ⇨ | 21A — ⇦ Pasadena Rd — D3-2 (VARIABLE x 16 in.) DUAL FACE

23 — East - West Blvd ⇨ | 23A — ⇦ East - West Blvd — D3-2 (VARIABLE x 16 in.) DUAL FACE

MD RTE. 2 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

28 — R3-6 — 30 in. x 36 in.

27,30 — R3-5R — 30 in. x 36 in.

20,22,24,25 — R3-5L — 30 in. x 36 in.

31 — R6-1(R) 36"X12", M3-3 24"X12", M1-5 24"X24", M6-1 21"X15"

33 — R6-1(L) 36"X12", M3-1 24"X12", M1-5 24"X24", M6-1 21"X15"

ASSOCIATED SHIELD ASSEMBLY 24"X51" 24"X51"

34 — R6-1(L) 36"X12", M3-3 30"X15", M1-5 36"X36", M6-1 30"X24"

32 — R6-1(R) 36"X12", M3-1 30"X15", M1-5 36"X36", M6-1 30"X24"

ASSOCIATED SHIELD ASSEMBLY 36"X75" 36"X75"

NOTES:

1. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES TO VERIFY THE LOCATION OF ALL UTILITIES.
4. PROPOSED OVERHEAD LUMINAIRE MUST BE FULL CUT OFF.
5. WHEN INSTALLING THE SIGNAL HEADS, THE CONTRACTOR MUST LEAVE ENOUGH CABLE TO RELOCATE THEM FOR MAINTENANCE OF TRAFFIC
6. THE INTERCONNECT CABLE IS TO BE DISCONNECTED BEFORE THE CONSTRUCTION IS STARTED IN THE MEDIAN OF ROUTE 2. THE CONTRACTOR IS TO PULL THE INTERCONNECT CABLE TO THE FAR HANDBOX AS SHOWN ON THE PLANS AND CABLE COILED IN THE HANDBOX. THIS WILL BE REINSTALLED AT THE END OF CONSTRUCTION AT THE NEW CONTROLLER.
7. THE CONTRACTOR SHALL VERIFY THAT THE INPLACE SOIL DENSITY OF THE FILL AT THE LOCATIONS OF THE POLE FOUNDATIONS AS DETERMINED BY MSMT 350 OR 352 IS AT LEAST 95% OF THE MAXIMUM DRY DENSITY OF THE SOIL AS DETERMINED BY AASHTO T-180.

SIGNALS

1,2,6,7,11,13,14 — 12 in.

3,4,8,9,12,15,16,17,18,19 — 12 in.

5,10 — BUS PRE-EMPTION SIGNAL

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

BUS PRE-EMPTION PHASE 1

BUS PRE-EMPTION PHASE 2

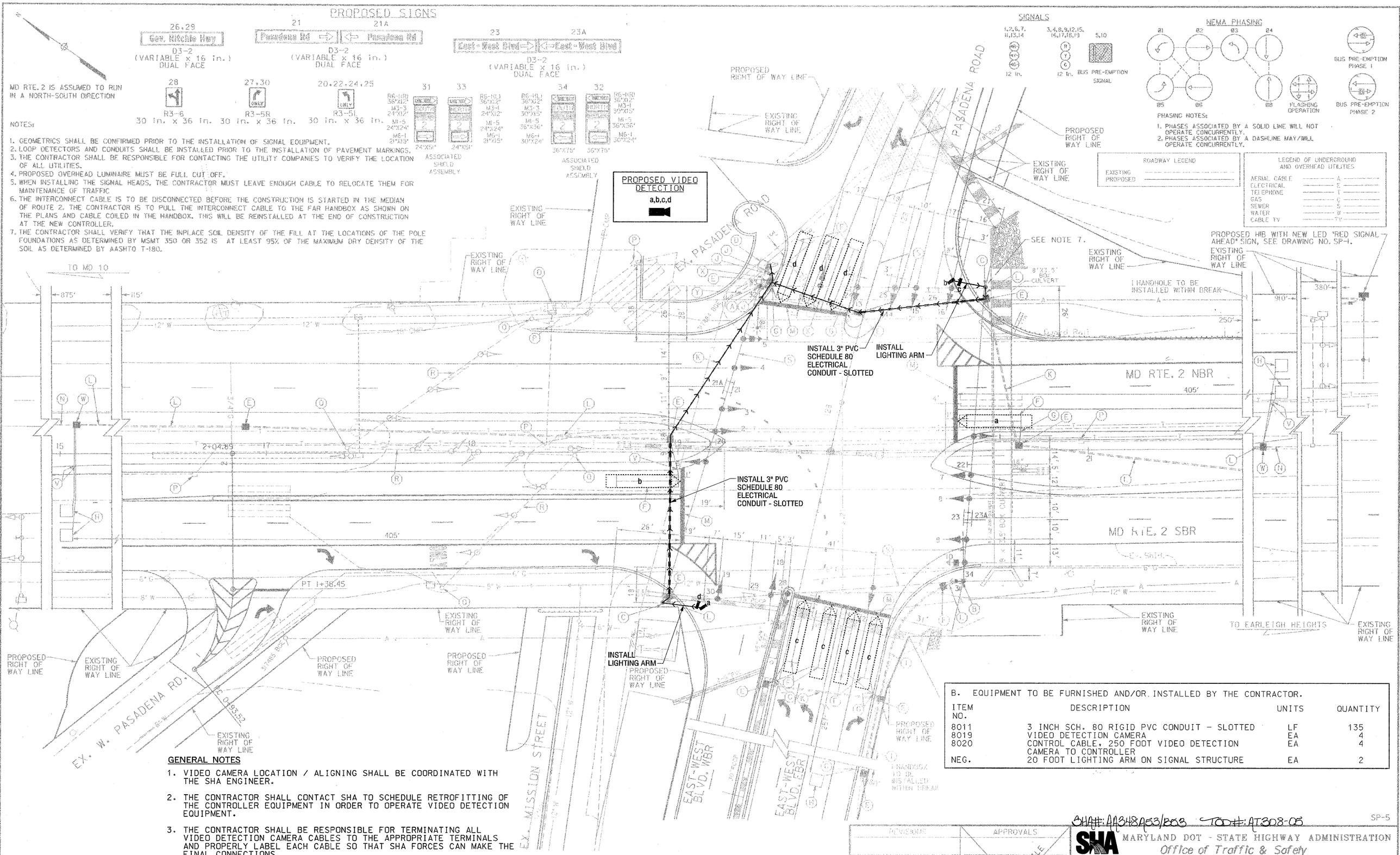
PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHLINE MAY/WILL OPERATE CONCURRENTLY.

ROADWAY LEGEND: EXISTING, PROPOSED

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES: AERIAL CABLE (A), ELECTRICAL (E), TELEPHONE (T), GAS (G), SEWER (S), WATER (W), CABLE TV (TV)

PROPOSED VIDEO DETECTION a,b,c,d



B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
8011	3 INCH SCH. 80 RIGID PVC CONDUIT - SLOTTED	LF	135
8019	VIDEO DETECTION CAMERA	EA	4
8020	CONTROL CABLE, 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	4
NEG.	20 FOOT LIGHTING ARM ON SIGNAL STRUCTURE	EA	2

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

VIDEO CAMERA LEGEND: → → → = VIDEO CABLE (PATH TO CONTROLLER)

SABRA, WANG & ASSOCIATES, INC.
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WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
(C) 3/10/04 INSTALL VIDEO DETECTION SHA NO. AT3085185	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
SWA (E) RECONSTRUCT TRAFFIC SIGNAL DUE TO NEW GLOBAL PRICE 10/99	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
SWA (D) ADDED BUS PRE-EMPTION 6/95	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

SHA#: AA348A63/B08 TOD#: AT308-05

SP-5

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN FOR
MD RTE. 2 @ EAST-WEST BLVD. AND PASADENA RD.
EAST-WEST BLVD
FROM JUMPERS HOLE RD. TO 600 FT. EAST OF MD. RTE. 2

DRAWN BY: SWA	F.A.P. NO. SEE TITLE SHEET	TS NO. 307XE	SHEET NO.
CHECKED BY: DLA / DS	S.H.A. NO. N/A		
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.L.M.S. NO. E-791	65 OF 78
DATE: NOVEMBER, 1999	LOG MILE: Q2000232.03		