BORDER REV: DATE: June 1, 2004

NOTE:
MD 320 IS ASUMMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS

R10-3(1) 9" x 15" — 26.28
R10-3(1) 9" x 15" — 27.29
R10-3(1) 9" x 15" — 30.32
R10-3(1) 9" x 15" — 31.33

MD 320 (PINEY BRANCH RD)
MD 410 (PHILADELPHIA AVE)

23a, 24b		23b, 24a	
Piney Branch	RD <7500	Piney Branch	RD 7500>

D3-2 (MOD)
(DUAL-FACED)
(VARIABLE x 16")

20a		20b	
Philadelphia	AVE <400	Philadelphia	AVE 400>

D3-2 (MOD)
(DUAL-FACED)
(VARIABLE x 16")

PROPOSED VIDEO DETECTION CAMERAS A, B, C & D

EXISTING SIGNS

19: WEST 410 / EAST 410 — ASSOCIATED SHIELD ASSEMBLY
21: EAST 410 / WEST 410 — ASSOCIATED SHIELD ASSEMBLY
22: NORTH 320 / SOUTH 320 — ASSOCIATED SHIELD ASSEMBLY
25: NO TURN ON RED — R10-11b (24"X42")

EXISTING SIGNALS

11-18: LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD

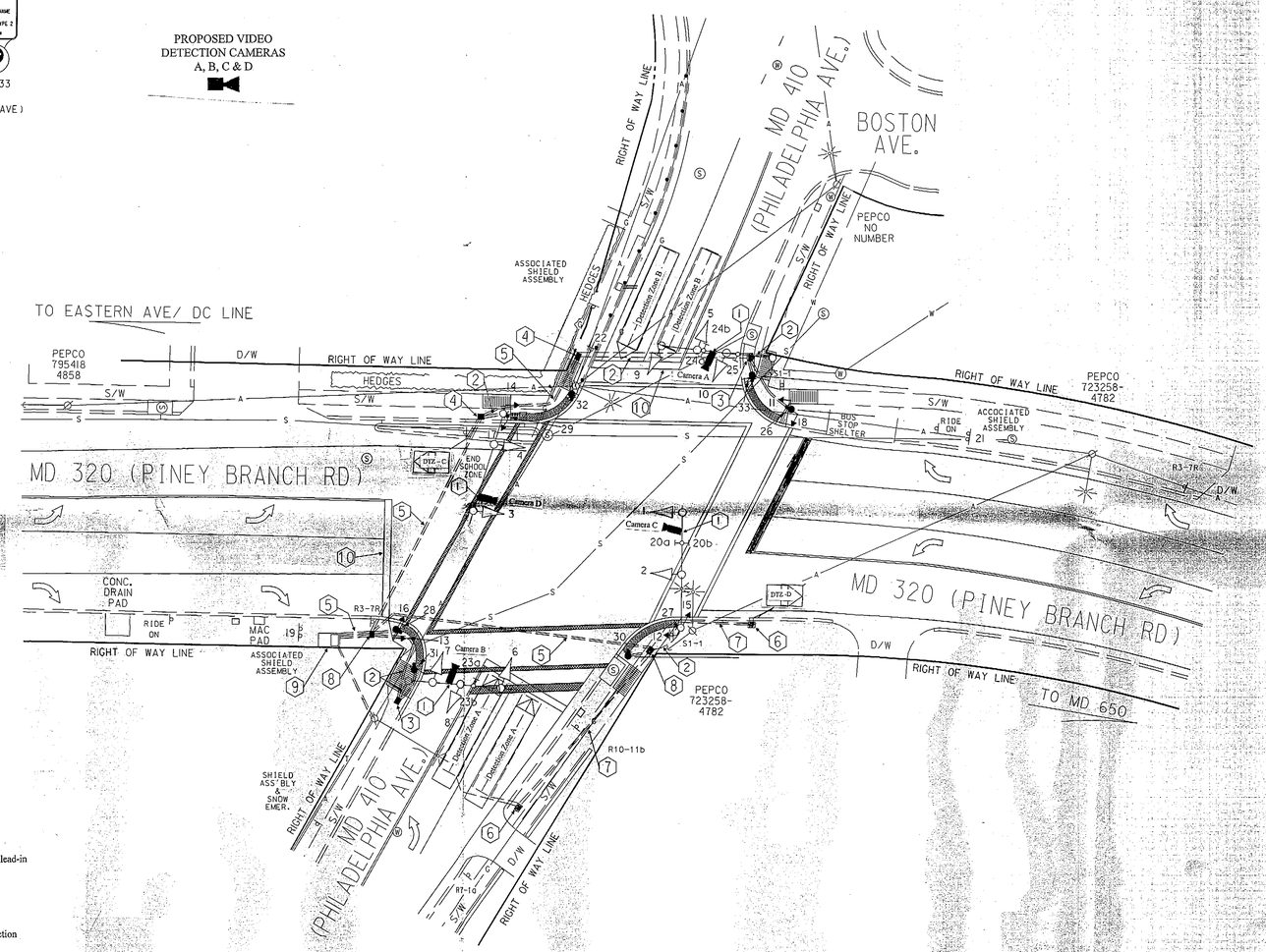
EXISTING SIGNALS

I-10: R Y G 12"

NEMA PHASING

Ø2 Ø4 Ø6 Ø8 ALT Ø4 ALT Ø8 FLASHING OPERATION

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



Equipment List 'A'
Equipment to be supplied and installed By the SHA
- Easylock Connector
- Terra Interface Panel
- Terra Access Point
- Tip to Tap I/F Cable-BIU
- Tip to Tap I/F Cable-Hardwire
- Terra Field Ethernet Adapter

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5001	55	LF	FURNISH AND INSTALL 24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
5002	55	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS WIDTH ANY
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	4	EA	VIDEO DETECTION CAMERA & CABLE

Equipment List 'C'
Removed and Salvaged Items

NONE

Construction Details

1. Use existing mast arm and upright. Install proposed video detection camera and video detection lead-in cable.
2. Use existing conduit. Install proposed video detection lead-in cable.
3. Use existing handhole. Install proposed video detection lead-in cable.
4. Use existing handhole. Cap and abandon existing detector sleeve(s). Remove existing loop detection lead-in cables and install proposed video detection lead-in cable(s).
5. Use existing conduit. Remove existing loop detection lead-in cables and install proposed video detection lead-in cable(s).
6. Use existing handhole. Cap and abandon existing detector sleeve. Remove existing loop detection lead-in cables.
7. Use existing conduit. Remove existing loop detection lead-in cables.
8. Use existing handhole. Remove existing loop detection lead-in cables and install proposed video detection lead-in cable(s).
9. Use existing controller cabinet. Remove existing loop detector lead-in cables and install proposed video detection cables. TOD personnel will install and program video detection equipment after completion of proposed detection work.
10. Remove existing stop line and re-install in accordance to SHA Standards.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "A"
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APPROVALS
TEAM LEADER
ASST. DIV.
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
B 11/2011 XX556 Installation of Video Detection L-296
A 12/10/2007 - ADD APS/ CPS & RAMPS.
SHA NO: AT7825165 TMS NO. H247
DES. WM DWN. DAN CHK. WM DA.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 320 (PINEY BRANCH ROAD) AND
MD 410 (PHILADELPHIA AVENUE)
TAKOMA PARK, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 09-29-1999 CONTRACT NO.
DESIGNED BY LMM / STS
DRAWN BY D.A. Nee / STS
CHECKED BY Melody Cook
F.A.P. NO. AC-STPG-000S(588)E
COUNTY MONTGOMERY
LOGMILE 15041004.96
TIMS NO.
TOD NO.

TS NO. 3880B | DRAWING NO. 1 OF 1 | SHEET NO. OF

PLOTTED: WEDNESDAY, NOVEMBER 09, 2011 AT 8:04:25 AM
FILE: H247GRBLDGH