F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.			

EXISTING SIGNALS & SIGNS

1-8: R, Y, G — 8'

9,10: PHILADELPHIA RD. — D3-2, 16' x Var.

11,12: EDGEWOOD RD. — D3-2, 16' x Var.

SIGNALS & SIGNS

1,4: R 8', Y 8', G 8' — 12'

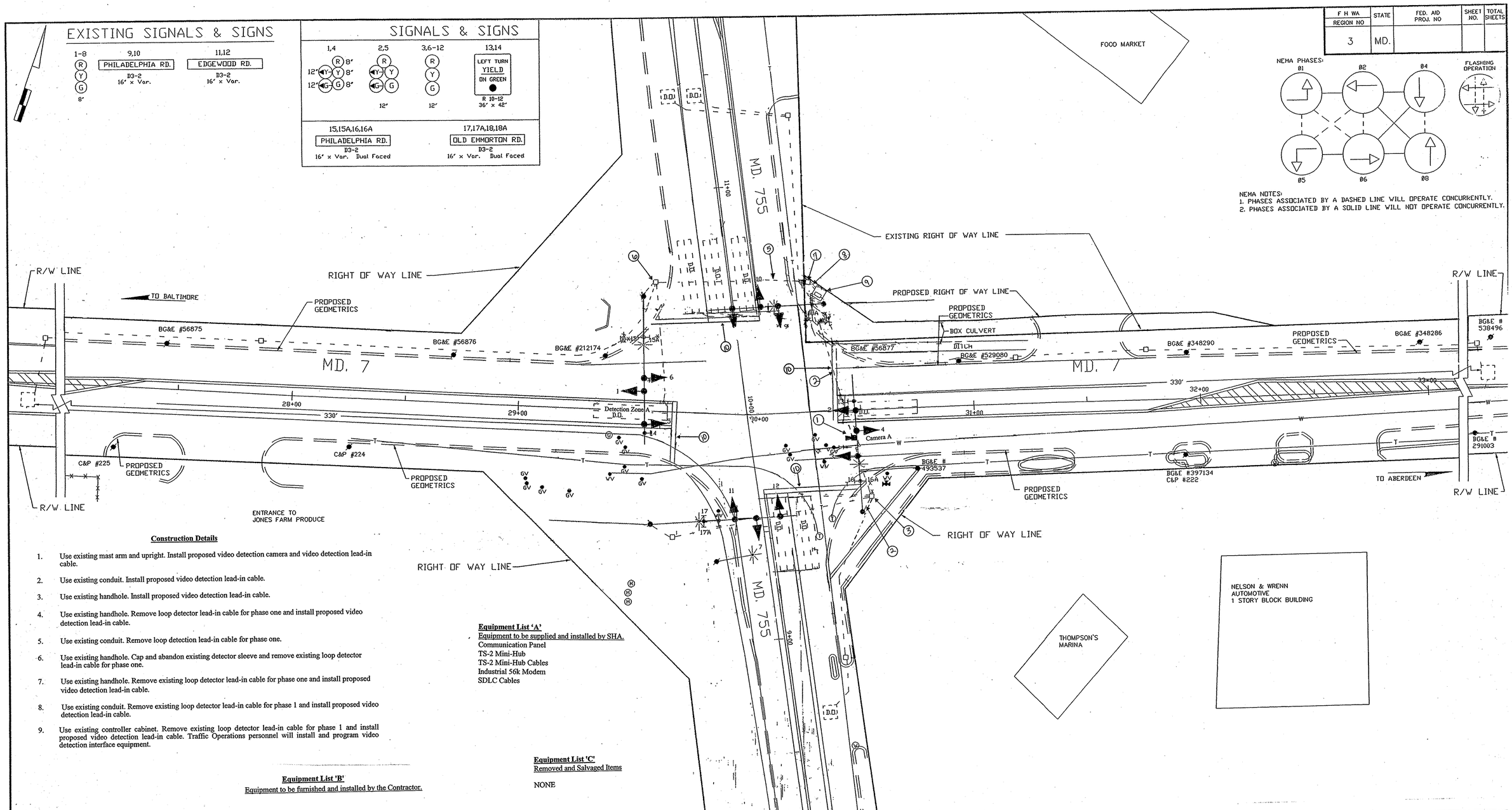
2,5: R, Y, G — 12'

3,6-12: R, Y, G — 12'

13,14: LEFT TURN YIELD ON GREEN — R 10-12, 36' x 42'

15,15A,16,16A: PHILADELPHIA RD. — D3-2, 16' x Var. Dual Faced

17,17A,18,18A: OLD EMMORTON RD. — D3-2, 16' x Var. Dual Faced



NEMA PHASES:

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

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. Remove loop detector lead-in cable for phase one and install proposed video detection lead-in cable.
5. Use existing conduit. Remove loop detection lead-in cable for phase one.
6. Use existing handhole. Cap and abandon existing detector sleeve and remove existing loop detector lead-in cable for phase one.
7. Use existing handhole. Remove existing loop detector lead-in cable for phase one and install proposed video detection lead-in cable.
8. Use existing conduit. Remove existing loop detector lead-in cable for phase 1 and install proposed video detection lead-in cable.
9. Use existing controller cabinet. Remove existing loop detector lead-in cable for phase 1 and install proposed video detection lead-in cable. Traffic Operations personnel will install and program video detection interface equipment.

Equipment List 'A'
Equipment to be supplied and installed by SHA.
Communication Panel
TS-2 Mini-Hub
TS-2 Mini-Hub Cables
Industrial 56k Modem
SDLC Cables

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

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5004	200	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5005	200	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8016	1	EA	CONTROL CABLE 300 FT, VIDEO DETECTION CAMERA TO CONTROLLER
8020	1	EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8053	1	EA	VIDEO DETECTION CAMERA

Equipment List 'C'
Removed and Salvaged Items

NONE

UTILITY LEGEND

G	GAS MAIN
V	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES

REVISIONS

A. 8-4-83 REDRAWN TO UPDATE TRAFFIC SIGNAL EQUIPMENT DISTRICT 4 HES — SR | DAZ | ETP

B. 12/92 - INSTALLED FULLY ACTUATED SIG. W/ E/P FOR MD. 7 SHA # H 924-501-476 — WM/DZ | GS | DJD | DZ | ETP | TH

C. 08/93 - REVISED SIGNAL EQUIPMENT LOCATIONS SHA # H 924-501-476 — WM/DZ | SA | MM

D. Install Video Detection 11/05 OT 2005 — MM

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
▭	LOOP DETECTOR(6X30)	▭
□	LOOP DETECTOR(6X6)	□
------	CONDUIT	------
✱✱✱	MICRO LOOP PROBE SET	✱✱✱
■◄	ZOOM LENS IMAGE SENSOR	□◄

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION — SIGNAL # 12000704.03

DRAWN BY: J. GORDAN
DES. BY: J. GORDAN
CHK. BY: S. RENZI 9/8/83

MD. 7 & MD. 755

COUNTY: HARFORD

DATE: 11/92
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. AW-735-501-476
TS/STD. NO. TS-1906 (D)
SHEET NO. 1 OF 1

12000704.03