EXISTING SIGNS

22.24 — Rolling RD — D-3(1) 16" x Var. (Dual Faced)

30 — WEST / MARYLAND 26 / EAST — M 95-1 24" x 72"

21.23. — LEFT TURN YIELD ON GREEN — R 10-12 36" x 42"

25.27 — ONLY — R 3-5(L) 30" x 36"

29 — ONLY — R 3-5(R) 30" x 36"

32.34, 33.35 — Pedestrian Crossing (FYG)

31 — EAST / MARYLAND 26 / WEST — M 95-1 24" x 72"

MD 26 is considered to run in an East/West direction.

EXISTING SIGNALS

1.4, 2.5, 3.6, 9.12, 13-20

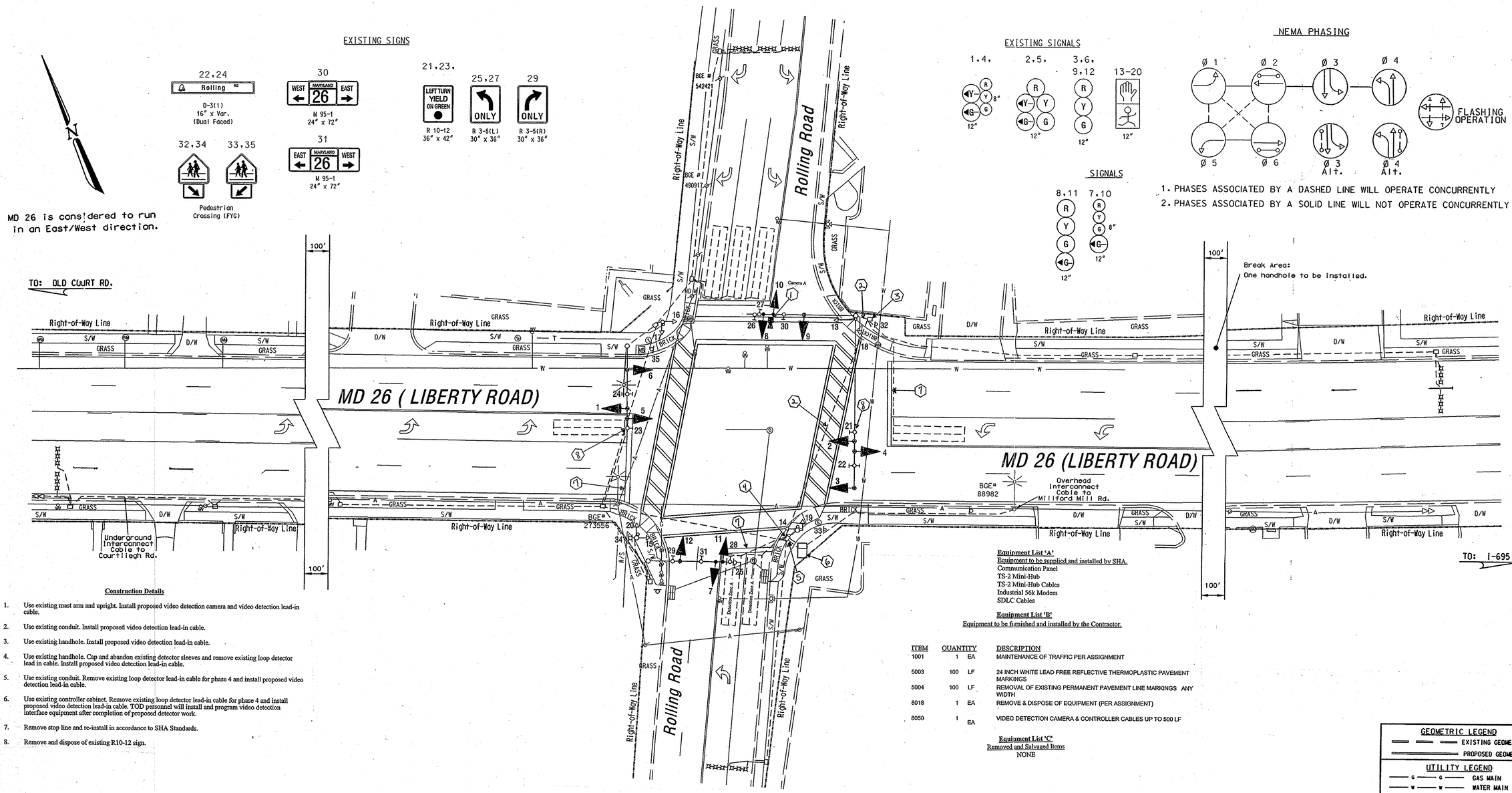
SIGNALS

8.11, 7.10

NEMA PHASING

Ø 1, Ø 2, Ø 3, Ø 4, Ø 5, Ø 6, Ø 3 Alt., Ø 4 Alt., FLASHING OPERATION

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. Cap and abandon existing detector sleeves and remove existing loop detector lead in cable. Install proposed video detection lead-in cable.
5. Use existing conduit. Remove existing loop detector lead-in cable for phase 4 and install proposed video detection lead-in cable.
6. Use existing controller cabinet. Remove existing loop detector lead-in cable for phase 4 and install proposed video detection lead-in cable. TOD personnel will install and program video detection interface equipment after completion of proposed detector work.
7. Remove stop line and re-install in accordance to SHA Standards.
8. Remove and dispose of existing R10-12 sign.

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
5003	100	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	100	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8050	1	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF

Equipment List 'C'

Removed and Salvaged Items

NONE

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
STORM DRAIN
AERIAL CABLES
TELEPHONE CABLES

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
	HANDHOLE	
	LOOP DETECTOR(6X30)	
	LOOP DETECTOR(6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

REVISIONS

A 7/03 — Install advance pedestrian phase across MD 26.

B 8/27/04 — Split operation for Rolling Road Work preformed by SIGNAL SHOP — EMM

C Installation of Video Detection OT 2007 06/2007 — I-988

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 26 (LIBERTY RD.) AND ROLLING ROAD

DRAWN BY:	J.E.S.	F.A.P. NO.		TS NO. 3970 C	SHEET NO.
CHECKED BY:		S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	Baltimore	T.I.M.S. NO.	1 OF 2
DATE:	December 15, 1999	LOG MILE:	03026007.08		

O:*TRANSDWG*22171*task 52*md26roll.dgn 8/26/2004