NOTE: MD 108 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

SIGNS

15 — EAST / MARYLAND / 108 / M3-4 / M1-6 / M6-1 — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

16 — WEST / MARYLAND / 108 / M3-2 / M1-6 / M6-1 — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

17 — WEST / MARYLAND / 108 / M3-4 / M1-6 / M6-1 — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

18 — EAST / MARYLAND / 108 / M3-2 / M1-6 / M6-1 — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

13a: Ten Mills Rd. ⇨ | 13b: ⇦ Ten Mills Rd.
D3-2 DUAL FACED VARIABLE X 16"

14a: Centennial Park ENT ⇨ | 14b: ⇦ Centennial Park ENT
D3-2 DUAL FACED VARIABLE X 16"

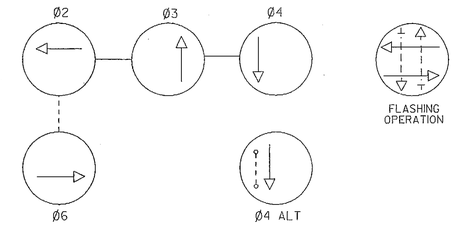
EXISTING SIGNALS

16,17,18,19 — 12"

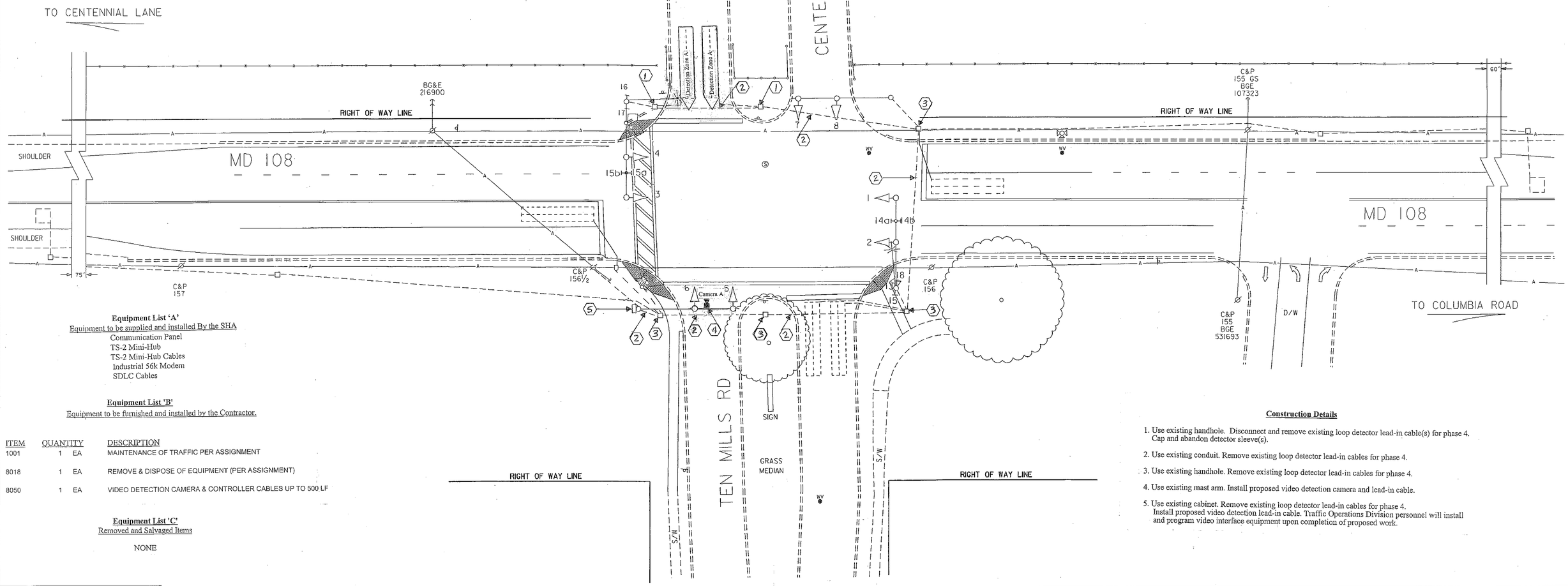
1-4,6,8 — R Y G — 12"

5,7 — R Y G G — 12"

NEMA PHASING



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
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
8016	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

Construction Details

1. Use existing handhole. Disconnect and remove existing loop detector lead-in cable(s) for phase 4. Cap and abandon detector sleeve(s).
2. Use existing conduit. Remove existing loop detector lead-in cables for phase 4.
3. Use existing handhole. Remove existing loop detector lead-in cables for phase 4.
4. Use existing mast arm. Install proposed video detection camera and lead-in cable.
5. Use existing cabinet. Remove existing loop detector lead-in cables for phase 4. Install proposed video detection lead-in cable. Traffic Operations Division personnel will install and program video interface equipment upon completion of proposed work.

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 —

TRAFFIC SIGNAL SYMBOLS

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

REVISIONS

(C) May 2008
Install Video Detection
TIMS# 3-166 QT 2007
(B) 5-15-08
ADD MAINLINE LOOP DETECTORS, PED. SIGNALS, SIDEWALK, PED. RAMPS, AND CROSSWALK
SHA NO.:AT2805185 TIMS NO.:F496
DJR
(A) 5-10-99
SPLIT SIDE ROAD PHASING, ADD RT. SIGN, AND ADD LUMINAIRE.
SHA NO.:AW2805185
EMM

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 108 AND TEN MILLS RD / CENTENNIAL PARK ENTRANCE

DRAWN BY:	J. Dirndorfer	F.A.P. NO.	AC-STPG-000S(687)E	TS NO.	
CHECKED BY:	S.G.R.	S.H.A. NO.	H0830A51/B51		SHEET NO.
SCALE:	1" = 20'	COUNTY:	HOWARD	T.I.M.S. NO.	1 OF 2
DATE:	11-21-85	LOG MILE:	13010808.98	I-166	