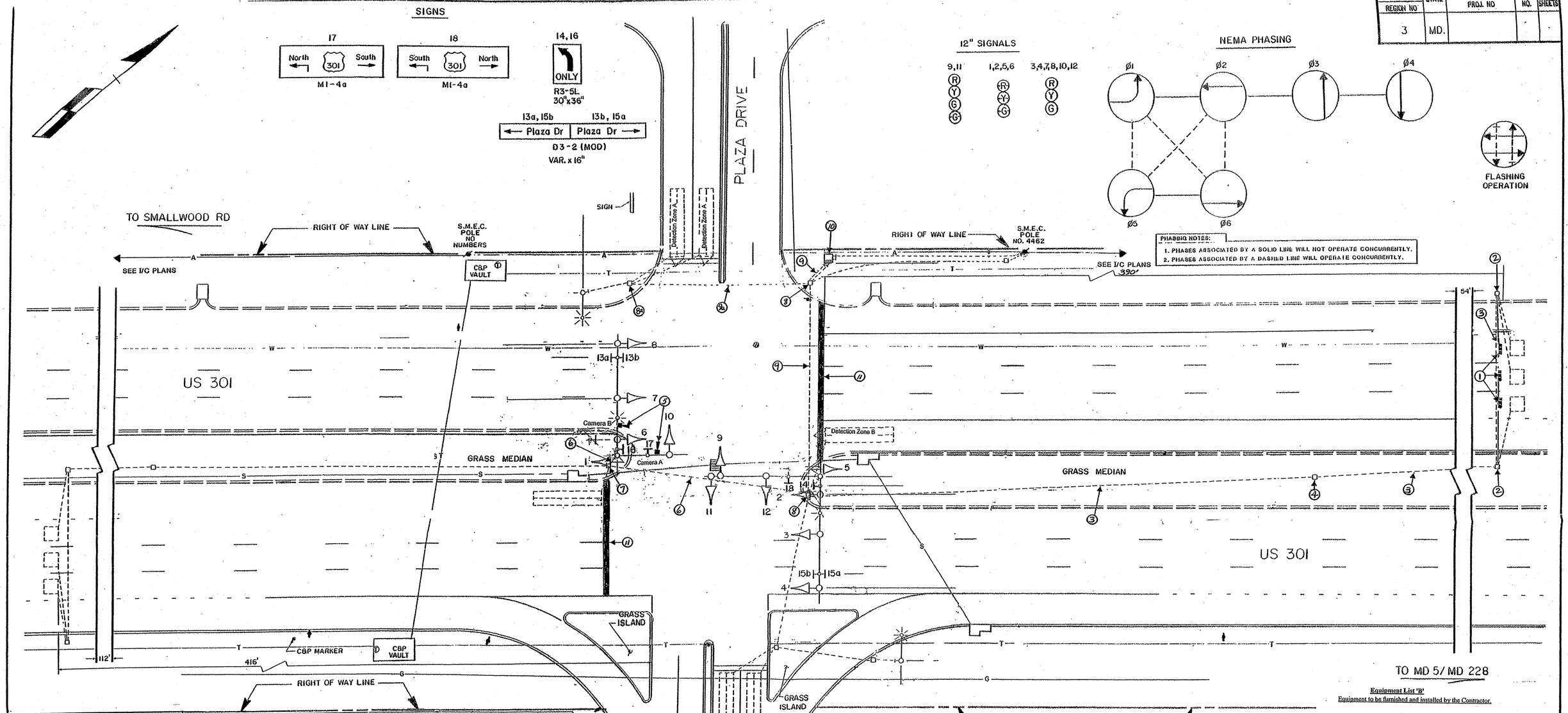
F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.			



TRAFFIC SIGNAL SYMBOLS

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

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A — A — A
ELECTRIC — E — E — E — E
TELEPHONE — T — T — T — T
GAS — G — G — G — G
SEWER — S — S — S — S
WATER — W — W — W — W
CABLE TV — TV — TV — TV — TV

Construction Details

1. Install triple Micro Loop probe set(s).
2. Use existing handhole. Cap and abandon existing detector sleeve(s). Install 1" liquid tight flexible non-metallic conduit. (detector sleeves). Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cable(s).
3. Use existing conduit. Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cable(s).
4. Use existing handhole. Remove existing loop detector lead-in cable(s), install proposed triple Micro Loop probe lead-in cable(s).
5. Use existing mast arm, luminaire and upright. Install proposed video detection camera and video detection lead-in cable(s).
6. Use existing conduit. Install proposed video detection lead-in cable(s).
7. Use existing handhole. Install proposed video detection lead-in cable(s).
8. Use existing handhole. Remove existing loop detector lead-in cable(s), install proposed triple Micro Loop probe lead-in cable(s) and proposed video detection lead in cable(s).

8a. Use existing handhole. Disconnect and remove existing loop detector lead in cable(s). Cap and abandon existing detector sleeve.

9. Use existing conduit. Remove existing loop detector lead-in cable(s), install proposed triple Micro Loop probe lead-in cable(s) and proposed video detection lead in cable(s).

9a. Use existing conduit. Remove existing loop detector lead-in cable(s).

10. Use existing controller cabinet. Remove existing loop detector lead-in cable(s) for phases 2, 4 and 5. Install proposed triple Micro Loop probe lead-in cable(s) and video detection lead-in cables. Traffic Operations Division personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed detector work.
11. Remove existing stop line and replace stop line in accordance with SHA Standards.

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

	ITEM	QUANTITY		DESCRIPTION
	1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
	5004	115	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
	5005	115	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
	8017	2	EA	CONTROL CABLE 500 FT, VIDEO DETECTION CAMERA TO CONTROLLER
	8020	1	EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
	8041	12	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
	8047	3	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
	8053	2	EA	VIDEO DETECTION CAMERA
NO REMOVAL AND SALVAGE ITEMS	8070	45	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

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 'C'

DESCRIPTION

REVISIONS	APPROVALS
E INSTALL VIDEO DETECTION AND PROBE SETS 10/05 OT-2005	CHIEF, SIGNAL DESIGN SECTION
D 1-24-89 REBUILDING SIGNAL DUE TO GEOMETRIC CHANGES SHA NO. CH-556-801-570	ASST. DISTRICT ENGINEER, TRAFFIC
C 6-26-86 REVISED DETECTION AND REPLACED WOOD POLE AND STREET LIGHT 866-25002	CHIEF, BUREAU OF TRAFFIC ENGINEERING
	DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

ORIGINAL ON FILE

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION – OFFICE OF TRAFFIC
BUREAU OF TRAFFIC ENGINEERING

DRAWN BY BRIAN SMITH
DES. BY:
CHK. BY:

US 301 AND SHOPPERS WORLD / PLAZA DRIVE

COUNTY: CHARLES

DATE: 4-8-85
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. CH-446X-575
TS/FILE NO. TS-724 E
SHEET NO. 6 OF 37

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F# 22