MD 210 IS ASSUMED TO RUN IN A NORTH - SOUTH DIRECTION

PROPOSED SIGNALS

12" 12" 12"

1,2, 5,6 — 3,4,7,8, 11,13 — 9,10, 12

EXISTING SIGNALS TO REMAIN

14,15

EXISTING OPTICOM DETECTORS TO REMAIN

29,30,31

EXISTING SIGNS TO BE RELOCATED

R3-5(L) 30"x36" — ONLY — 19

D-3(1) (DUAL FACED) VAR.x16"

Ft. Washington RD — 16A

Ft. Washington RD — 16B

EXISTING SIGNS TO REMAIN

R3-6(L) 30"x36" — 20

D9-2 30"x30" / M6-1 21"x15" — 24

R1-1 30"x30" — STOP — 25,26

R1-2 36"x36"x36" — YIELD — 27,28

D-3(1) (DUAL FACED) VAR.x16"

Ft. Washington RD — 17A

Ft. Washington RD — 17B

EXISTING ASSOCIATED SHIELD ASSEMBLIES TO REMAIN

48"x75" 30"x51" 48"x75" 30"x51"

NORTH 210 — 18; SOUTH 210 — 21; SOUTH 210 — 22; NORTH 210 — 23

PROPOSED VIDEO DETECTION CAMERA

32,33,34,35

NEMA PHASING

Ø1 Ø2 Ø3 Ø4

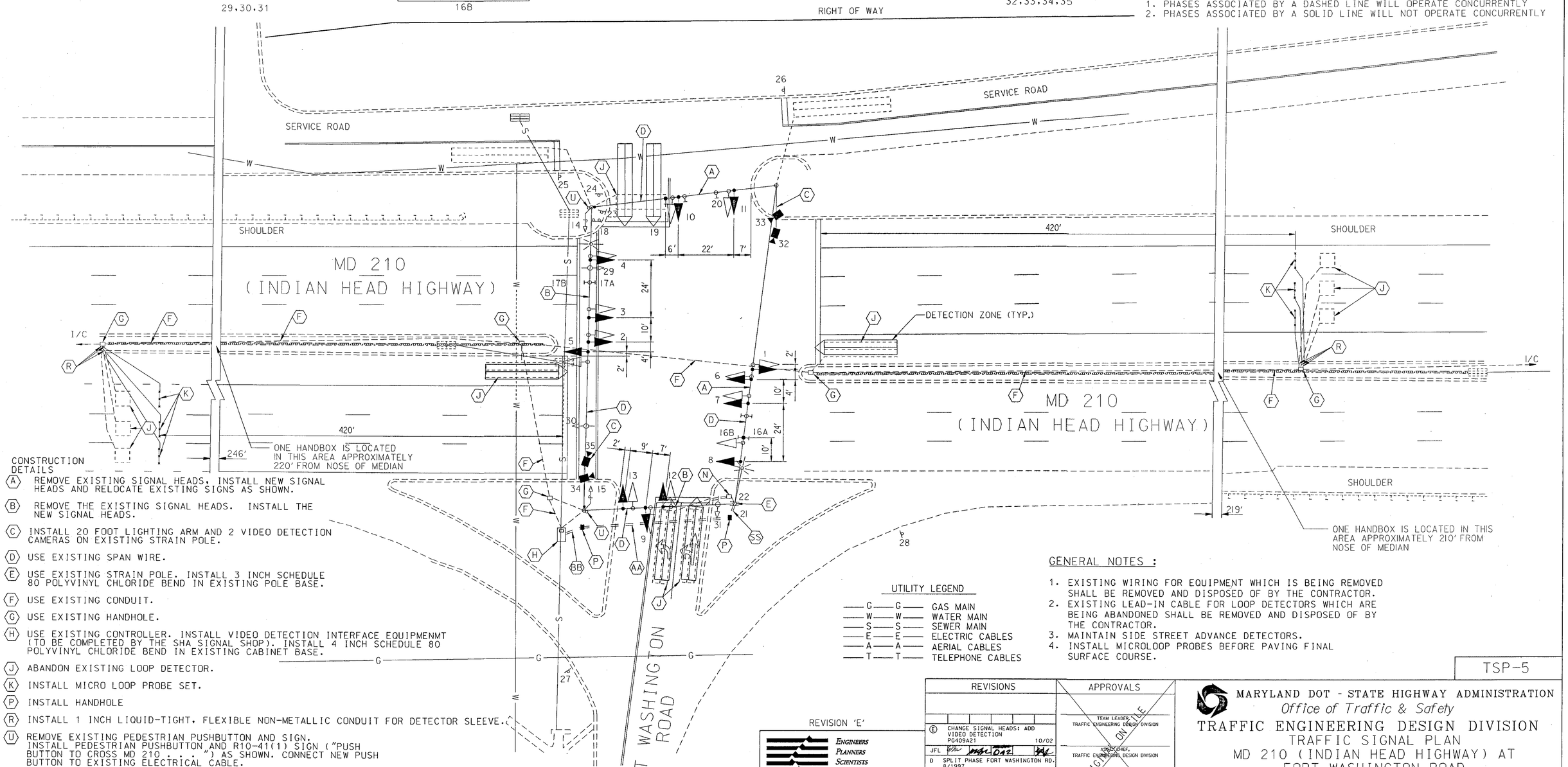
Ø5 Ø6

Ø3ALT.

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



CONSTRUCTION DETAILS

- (A) REMOVE EXISTING SIGNAL HEADS. INSTALL NEW SIGNAL HEADS AND RELOCATE EXISTING SIGNS AS SHOWN.
- (B) REMOVE THE EXISTING SIGNAL HEADS. INSTALL THE NEW SIGNAL HEADS.
- (C) INSTALL 20 FOOT LIGHTING ARM AND 2 VIDEO DETECTION CAMERAS ON EXISTING STRAIN POLE.
- (D) USE EXISTING SPAN WIRE.
- (E) USE EXISTING STRAIN POLE. INSTALL 3 INCH SCHEDULE 80 POLYVINYL CHLORIDE BEND IN EXISTING POLE BASE.
- (F) USE EXISTING CONDUIT.
- (G) USE EXISTING HANDHOLE.
- (H) USE EXISTING CONTROLLER. INSTALL VIDEO DETECTION INTERFACE EQUIPMENMT (TO BE COMPLETED BY THE SHA SIGNAL SHOP). INSTALL 4 INCH SCHEDULE 80 POLYVINYL CHLORIDE BEND IN EXISTING CABINET BASE.
- (J) ABANDON EXISTING LOOP DETECTOR.
- (K) INSTALL MICRO LOOP PROBE SET.
- (P) INSTALL HANDHOLE
- (R) INSTALL 1 INCH LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- (U) REMOVE EXISTING PEDESTRIAN PUSHBUTTON AND SIGN. INSTALL PEDESTRIAN PUSHBUTTON AND R10-41(1) SIGN ("PUSH BUTTON TO CROSS MD 210 . . . ") AS SHOWN. CONNECT NEW PUSH BUTTON TO EXISTING ELECTRICAL CABLE.
- (AA) INSTALL 4 INCH SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT-BORED
- (BB) INSTALL 4 INCH SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT-TRENCHED
- (SS) INSTALL 3 INCH SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT-TRENCHED

UTILITY LEGEND

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

GENERAL NOTES :

1. EXISTING WIRING FOR EQUIPMENT WHICH IS BEING REMOVED SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
2. EXISTING LEAD-IN CABLE FOR LOOP DETECTORS WHICH ARE BEING ABANDONED SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
3. MAINTAIN SIDE STREET ADVANCE DETECTORS.
4. INSTALL MICROLOOP PROBES BEFORE PAVING FINAL SURFACE COURSE.

TSP-5

REVISION 'E'

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REVISIONS			
E	CHANGE SIGNAL HEADS: ADD VIDEO DETECTION PG409A21		10/02
JFL			
D	SPLIT PHASE FORT WASHINGTON RD. 8/1997		
TW	DCD		
C	RED LINE REVISION #1 RECONSTUCTION DUE TO NEW GEOMETRICS SHA #P-920-501-370		1/90
DCD			

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASSIST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIG. ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 210 (INDIAN HEAD HIGHWAY) AT FORT WASHINGTON ROAD

DRAWN BY:		F.A.P. NO.		TS NO. 104E
CHECKED BY:		S.H.A. NO.	P-387-001-385	SHEET NO.
SCALE:	1"=20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. F295
DATE:	8/72	LOG MILE:	16021008.97	1 OF 2

PLOTTED: $DATE$
FILE: $USERNAME$
FILE: $FILE$