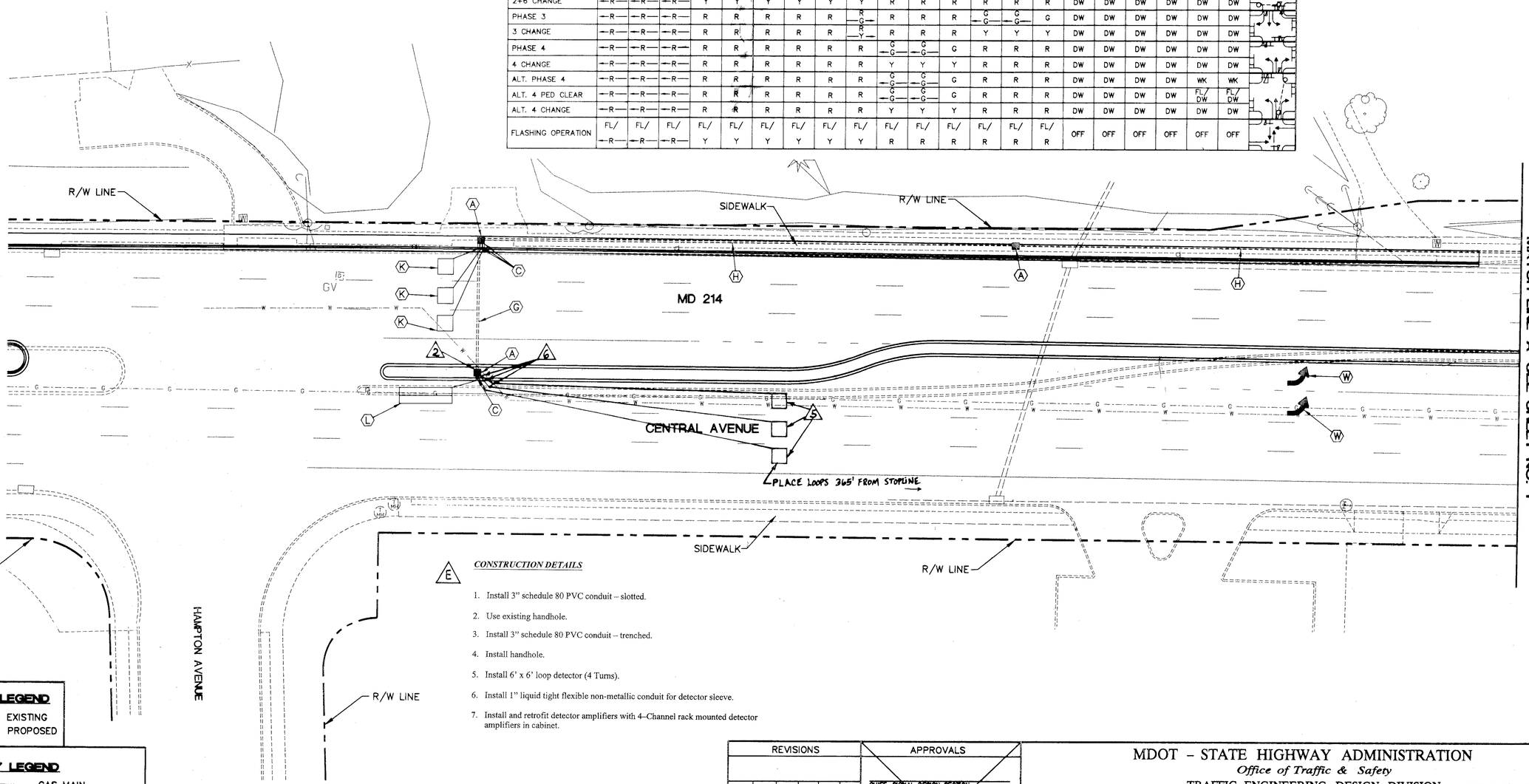
FHWA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.	N/A	2	4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
PHASE 1+5	G	G	G	R	R	R G	R G	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1+5 CHANGE	TO PHASE 1+6 OR 2+5 OR 2+6																				
PHASE 1+6	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 CHANGE	Y	Y	Y	G	G	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2+5	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
5 CHANGE	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2+6	R	R	R	G	G	G	G	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW
2+6 PED CLEAR	R	R	R	G	G	G	G	G	G	R	R	R	R	R	R	FL/ DW	FL/ DW	FL/ DW	FL/ DW	DW	DW
2+6 CHANGE	R	R	R	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 3	R	R	R	R	R	R	R	R	G	R	R	R	G	G	G	DW	DW	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	R	R	Y	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	R	G	G	G	R	R	R	DW	DW	DW	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW
ALT. PHASE 4	R	R	R	R	R	R	R	R	R	G	G	G	R	R	R	DW	DW	DW	DW	WK	WK
ALT. 4 PED CLEAR	R	R	R	R	R	R	R	R	R	G	G	G	R	R	R	DW	DW	DW	DW	FL/ DW	FL/ DW
ALT. 4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/ R	FL/ R	FL/ R	FL/ Y	FL/ Y	FL/ Y	FL/ Y	FL/ Y	FL/ Y	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	OFF	OFF	OFF	OFF	OFF	OFF



E

CONSTRUCTION DETAILS

1. Install 3" schedule 80 PVC conduit – slotted.
2. Use existing handhole.
3. Install 3" schedule 80 PVC conduit – trenched.
4. Install handhole.
5. Install 6' x 6' loop detector (4 Turns).
6. Install 1" liquid tight flexible non-metallic conduit for detector sleeve.
7. Install and retrofit detector amplifiers with 4-Channel rack mounted detector amplifiers in cabinet.

GEOMETRIC LEGEND

- EXISTING
- PROPOSED

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
	STORM DRAIN
TV	CABLE TELEVISION
E	ELECTRIC CABLES
T	TELEPHONE CABLES
A	AERIAL CABLES

REVISION "D"
A/E GROUP, INC.
ENGINEERS • PLANNERS
11409 Cronhill Drive
Owings Mills, Maryland 21117
A/E Job No. 96-316

REVISIONS	APPROVALS
7/99 Install Mainline Loops	CHIEF, SIGNAL DESIGN SECTION
11-20-98 ADD EB AND SB LEFT TURN LANES WITH QUEUING DETECTORS AND SAMPLING LOOPS.	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION SIGNAL • 16021402.76

DRAWN BY: T. D. ROBERGE
DES. BY: D. WALLACE
CHK. BY:

MD 214 AT SUMMERFIELD BLVD./RITCHIE ROAD

GENERAL INFORMATION COUNTY: PRINCE GEORGE'S

DATE: NOVEMBER 1981
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. BW964M82
TS/STD. NO. 399 E-GI
SHEET NO. 2 OF 13