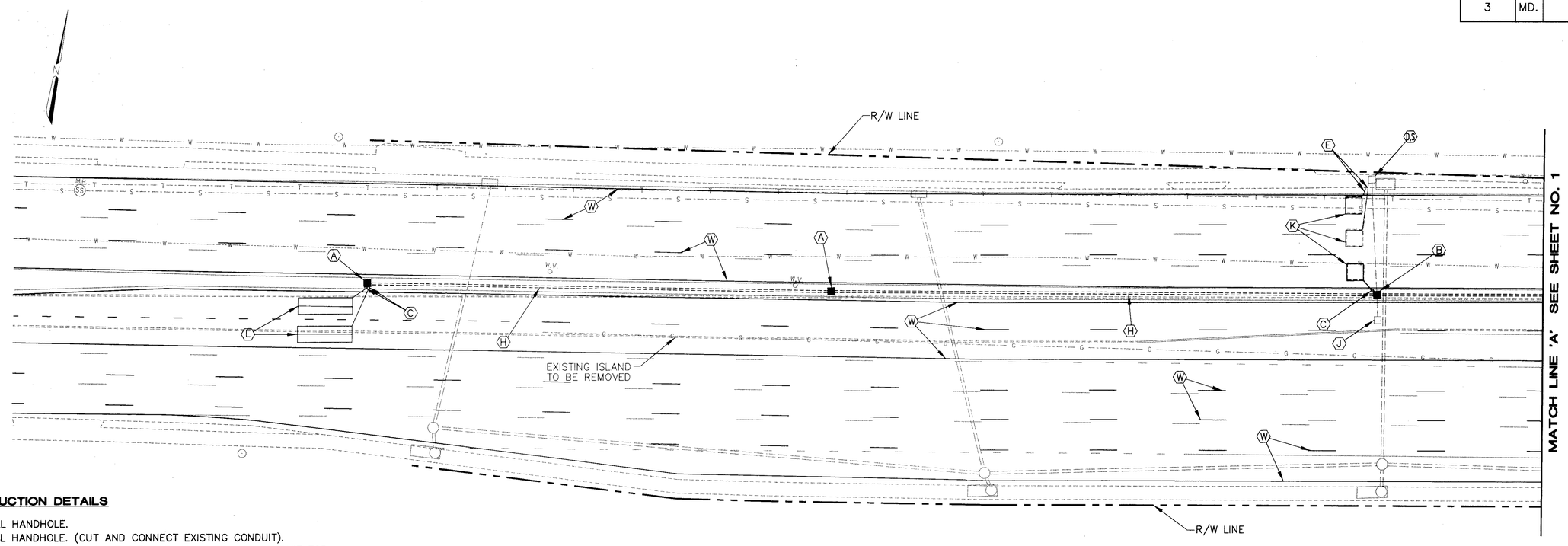
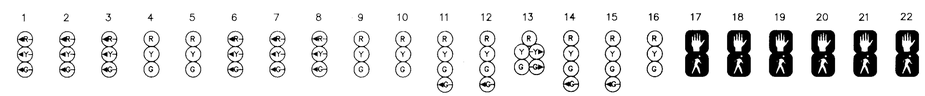
FHWA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.	N/A	2	4



CONSTRUCTION DETAILS

(A) INSTALL HANDHOLE.
(B) INSTALL HANDHOLE. (CUT AND CONNECT EXISTING CONDUIT).
(C) INSTALL 1-INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
(D) USE EXISTING HANDHOLE.
(E) USE EXISTING CONDUIT.
(F) INSTALL 2-INCH GALVANIZED STEEL ELECTRICAL CONDUIT (TRENCHED). CONNECT TO EXISTING CONDUIT.
(G) INSTALL 2-INCH PVC SCHEDULE 80 RIGID CONDUIT (SLOTTED).
(H) INSTALL 2-INCH P.V.C. SCHEDULE 40 RIGID CONDUIT (TRENCHED).
(J) REMOVE EXISTING HANDHOLE.
(K) INSTALL 6'X6' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (4 TURNS).
(L) INSTALL 6'X20' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE (4 TURNS).
(M) INSTALL 6'X30' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3), QUADRUPOLE TYPE.
(N) INSTALL SIGNAL HEAD ON EXISTING SPAN WIRE.
(P) INSTALL SIGN ON EXISTING SPAN WIRE.
(Q) REMOVE EXISTING SIGNAL HEAD.
(R) REMOVE EXISTING SIGN.
(S) CONNECT LOOP DETECTOR CABLE TO EXISTING DETECTOR LEAD-IN CABLE.
(U) USE EXISTING CABINET AND CONTROLLER.
(V) RELOCATE EXISTING SIGNAL HEAD
(W) PAVEMENT MARKINGS (SEE SIGNING AND MARKING PLAN).



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PHASE 1+5	G	G	G	R	R	G	G	G	R	R	R	R	R G	R	R	R	DW	DW	DW	DW	DW	DW
1+5 CHANGE	Y	Y	Y	R	R	Y	Y	Y	R	R	R	R	R Y	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 1+6	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1+6 CHANGE	Y	Y	Y	Y	Y	R	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	G	R	R	R G	R	R	R	DW	DW	DW	DW	DW	DW
2+5 CHANGE	R	R	R	R	R	Y	Y	Y	Y	Y	R	R	R Y	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2+6	R	R	R	G	G	R	R	R	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW
PED CLEAR	R	R	R	G	G	R	R	R	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	R	R	R	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 3	R	R	R	R	R	R	R	R	R	R	G G	G G	G G Y	R	R	R	DW	DW	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	R	R	R	R	R	G G	G G	G	DW	DW	DW	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW
ALT. PHASE 4	R	R	R	R	R	R	R	R	R	R	R	R	R	G G	G G	G	DW	DW	DW	DW	WK	WK
PED CLEAR	R	R	R	R	R	R	R	R	R	R	R	R	R	G G	G G	G	DW	DW	DW	DW	FL/ DW	FL/ DW
ALT. 4 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/ R	FL/ R	FL/ R	FL/ Y	FL/ Y	FL/ R	FL/ R	FL/ R	FL/ Y	FL/ Y	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	OFF	OFF	OFF	OFF	OFF	OFF

PHASING DIAGRAM

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

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

REVISIONS

(G) 10/18/96 ADD EB DBL. LEFT WITH QUEUING DETECTORS AND SAMPLING LOOPS.

APPROVALS

CHIEF, SIGNAL DESIGN SECTION
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 # 16021403.26

DRAWN BY:
DES. BY:
CHK. BY: S. RENZI

MD 214 (CENTRAL AVE.) AT HAMPTON PARK BLVD. AND BRIGHTSEAT RD.

GENERAL INFORMATION
COUNTY: PRINCE GEORGE'S

DATE:
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. BW962M82
TS/STD. NO. 1398G-GI
SHEET NO. 2 OF 4