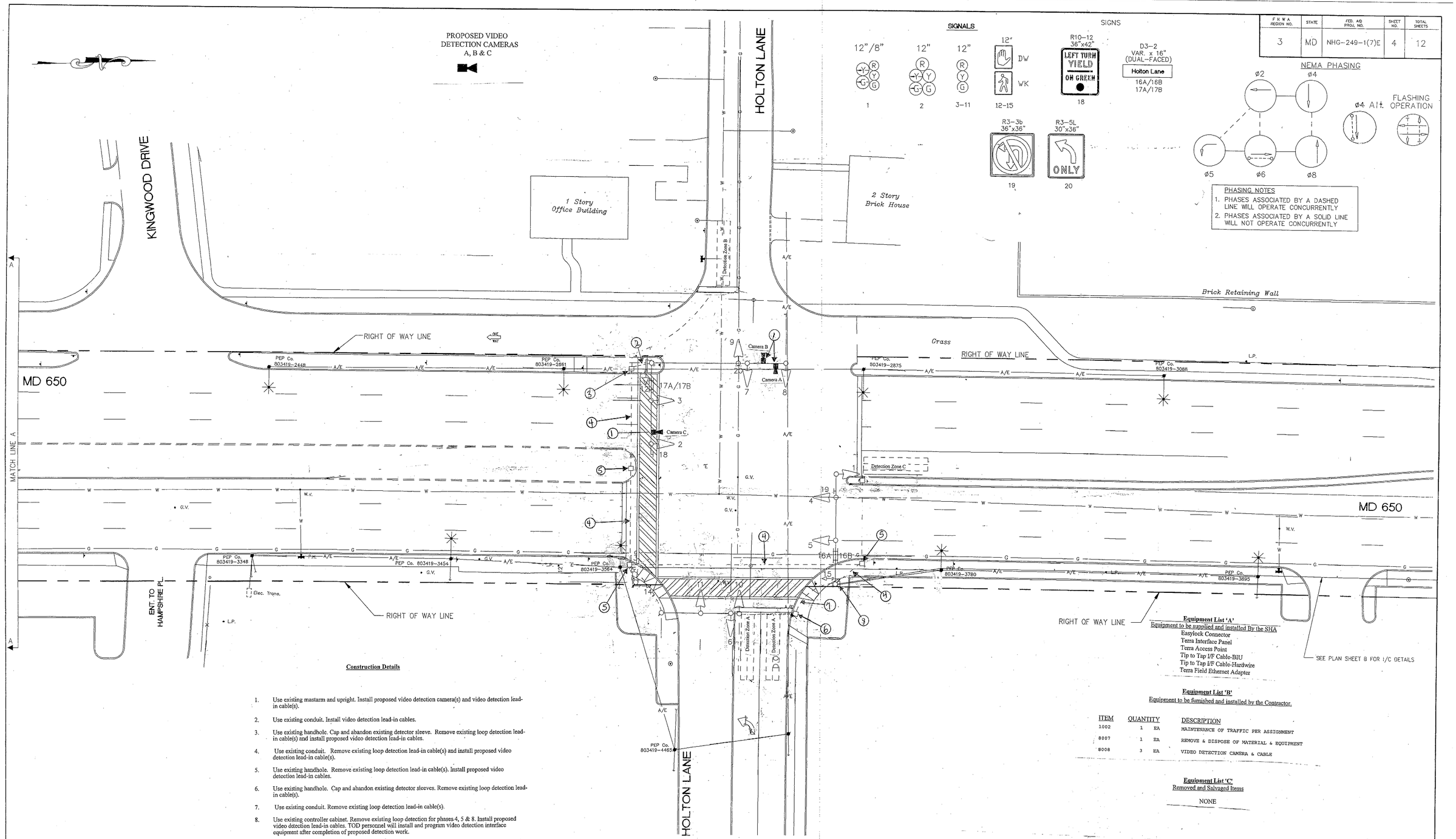
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	NHG-249-1(7)E	4	12



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

1. Use existing mastarm and upright. Install proposed video detection camera(s) and video detection lead-in cable(s).
2. Use existing conduit. Install video detection lead-in cables.
3. Use existing handhole. Cap and abandon existing detector sleeve. Remove existing loop detection lead-in cable(s) and install proposed video detection lead-in cables.
4. Use existing conduit. Remove existing loop detection lead-in cable(s) and install proposed video detection lead-in cable(s).
5. Use existing handhole. Remove existing loop detection lead-in cable(s). Install proposed video detection lead-in cables.
6. Use existing handhole. Cap and abandon existing detector sleeves. Remove existing loop detection lead-in cable(s).
7. Use existing conduit. Remove existing loop detection lead-in cable(s).
8. Use existing controller cabinet. Remove existing loop detection for phases 4, 5 & 8. Install proposed video detection lead-in cables. TOD personnel will install and program video detection interface equipment after completion of proposed detection work.

Equipment List 'A'
Equipment to be supplied and installed By the SHA
Easylock Connector
Terra Interface Panel
Terra Access Point
Tip to Tap I/F Cable-BIU
Tip to Tap I/F Cable-Hardwire
Terra Field Ethernet Adapter

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

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	3	EA	VIDEO DETECTION CAMERA & CABLE

Equipment List 'C'
Removed and Salvaged Items

NONE

UTILITY LEGEND

T	T	TELEPHONE CABLES
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
BC		BURIED CABLE
SD		STORM DRAIN

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

CADFILE:MD650HOL.DWG
PLOT SCALE:1=20(L)

REVISIONS
A REV. A 2/16/94
DELETE (PROPOSED) ISLAND, ADD MAST ARM, DETECTION AND SIGNALS FOR E.B. HOLTON LANE.
RG/DCI
B Installation of Video Detection
XX656
04/2011
L-031

APPROVALS
ORIGINAL
CHIEF, SIGNAL DESIGN SECTION
ON
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE
DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

CONSULTANTS
DCI
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

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

ORIGINAL DRAWN BY J. ALLEN Jr.
DES. BY R. GORDON
CHK. BY

MD 650 (NEW HAMPSHIRE AVE.) • HOLTON LANE

LOGMILE: 16065001.65
COUNTY: PRINCE GEORGES

DATE: NOVEMBER 1, 1993
SCALE: 1"=20'
F.A.P. NO. NHG-249-1(7)E
S.H.A. NO. P-136-501-385
TS/FILE NO. TS-3390
SHEET NO. ___ OF ___