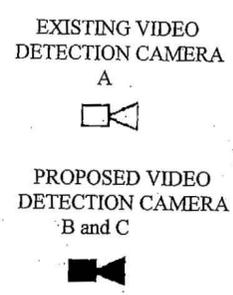
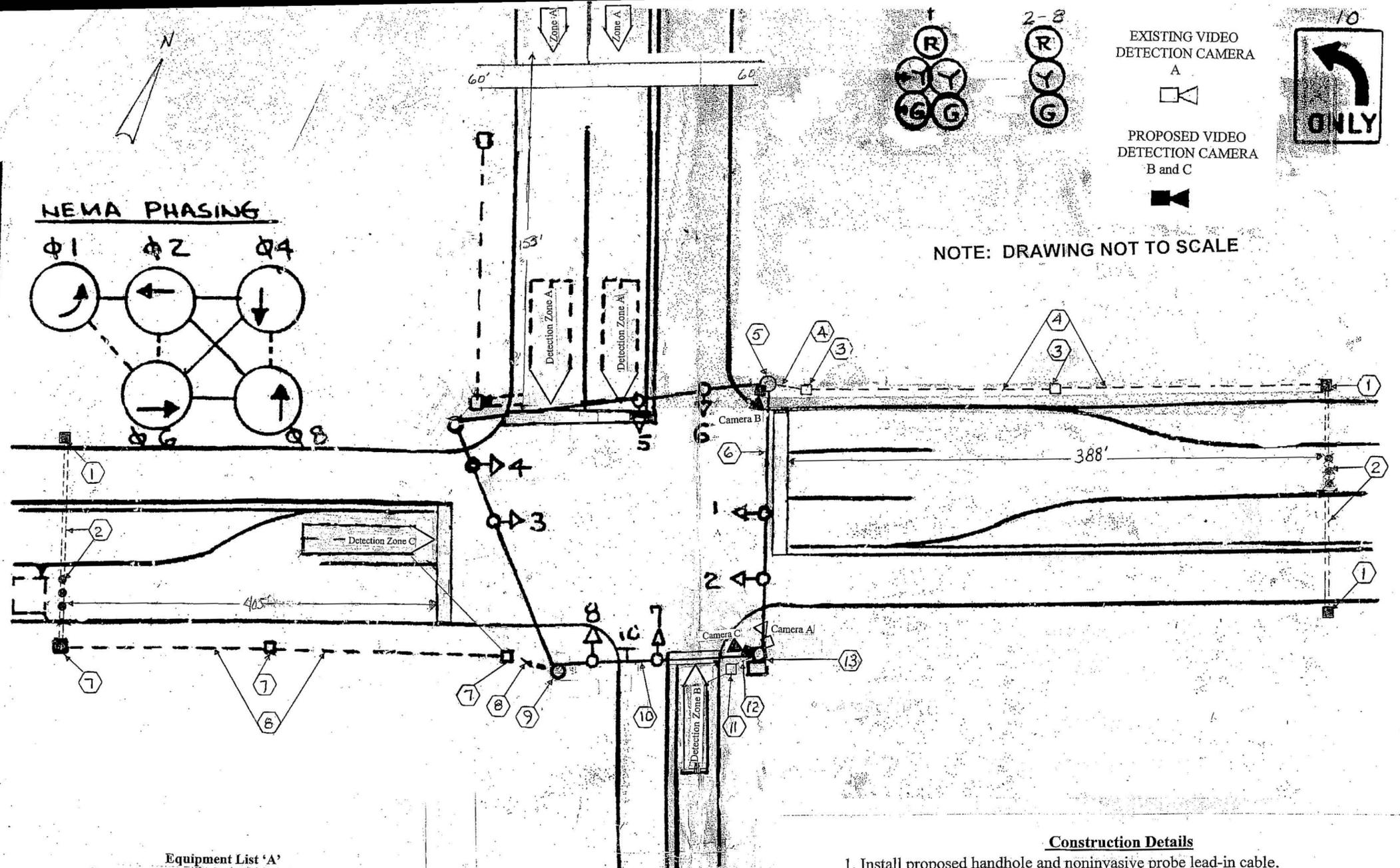
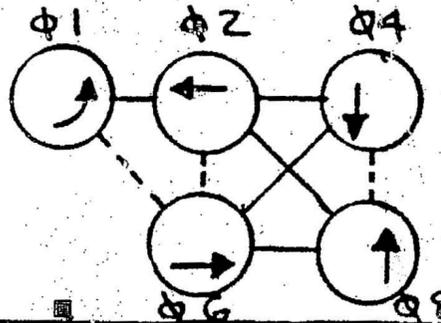




NEMA PHASING



NOTE: DRAWING NOT TO SCALE

Equipment List 'A'
Equipment to be supplied and installed By the SHA
NONE

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	2 EA	VIDEO DETECTION CAMERA & CABLE
8014	100 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH SLOTTED
8017	2 EA	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
8018	4 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE

Equipment List 'C'
Removed and Salvaged Items
NONE

- Construction Details**
1. Install proposed handhole and noninvasive probe lead-in cable.
 2. Install proposed 3 inch pvc conduit and noninvasive probe set.
 3. Use existing handhole. Remove existing triple micro loop probe lead-in cable. Install proposed noninvasive probe lead-in cable.
 4. Use existing conduit. Remove existing triple micro loop probe lead-in cables. Install proposed noninvasive probe lead-in cable.
 5. Use existing strain pole. Remove existing triple micro loop probe lead-in cables. Install proposed detection camera and noninvasive probe lead-in cable.
 6. Use existing span wire. Remove existing triple micro loop probe lead-in cables. Install proposed video detection and noninvasive probe lead-in cable.
 7. Use existing handhole. Remove existing loop detector lead-in cable. Install proposed noninvasive probe lead-in cable.
 8. Use existing conduit. Remove existing loop detector lead-in cable. Install proposed noninvasive probe lead-in cable.
 9. Use existing strain pole. Remove existing loop detector lead-in cable. Install proposed noninvasive probe lead-in cable.
 10. Use existing span wire. Remove existing loop detector lead-in cable. Install proposed noninvasive probe lead-in cable.
 11. Use existing handhole. Remove existing loop detector lead-in cable.
 12. Use existing conduit. Remove existing loop detector lead-in cable.
 13. Use existing strain pole and controller cabinet. Remove existing loop detector triple micro loop probe lead-in cables for phases 1, 2, 6 and 8. Install proposed detection camera, noninvasive probe and video detection lead-in cables. Traffic Operations Division personnel will program video and re-tune amplifiers upon completion of proposed work.

TRAFFIC SIGNAL SYMBOLS

PROPOSED	EXISTING
■	□
▬	▬
□	□
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***	***

■ HANDHOLE
 ▬ LOOP DETECTOR(6X30)
 □ LOOP DETECTOR(6X6)
 --- CONDUIT
 *** MICRO LOOP PROBE SET

REVISIONS

NO.	DESCRIPTION	DATE
A	Replace Failed Detection OT 2007	Aug 2008
B	Install Video Detection OT 2007	July 2009
C	Upgrade Video Detection	April 2011

APPROVALS

[Signature] ASSISTANT DISTRICT ENGINEER, TRAFFIC SIGNAL DESIGN SECTION
 [Signature] CHIEF TRAFFIC ENGINEERING DIVISION

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC AND SAFETY

PLAN SHEET: MD 32 AA (SAPPINGTON STATION)
 @ MD 32 AB (BURNS CROSSING) / MD 32 RAMP J AND I
 ANNE ARUNDEL COUNTY

DATE: 7-13-91	DRAWN BY: F SIMMERS	CONTRACT NUMBER: AA-730-502-570	TS 3426
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