K&E BALTIMORE 17 0153 PHOENIX 54090

| FED. ROAD DIV. NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| 3 | MD. | | | |

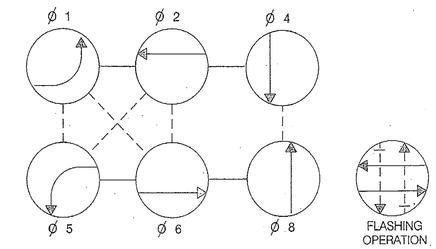
## Construction Details

1. Use existing strain pole. Install proposed video detection camera and lead-in cable.
2. Use existing span wire. Install proposed video detection lead-in cable.
3. Use existing strain pole. Install proposed video detection lead-in cable.
4. Use existing conduit. Install proposed video detection lead-in cable.
5. Use existing handhole. Disconnect and remove existing loop detector lead-in cable and cap detector sleeve.
6. Use existing conduit. Remove existing loop detector lead-in cable.
7. Raise existing handhole to grade. Remove existing loop detector lead-in cable. Install proposed video detection lead-in cable.
8. Install proposed 4 inch pvc conduit (trenched). Install proposed video detection lead-in cable.
9. Install 4 inch conduit bend into existing controller cabinet. Remove existing loop detector lead-in cable for phase 1. Install proposed video detection lead-in cable. Traffic Operations Division personnel will install and program video interface equipment upon completion of proposed work.
10. Remove existing stop line and replace stop line in accordance with SHA Standards.

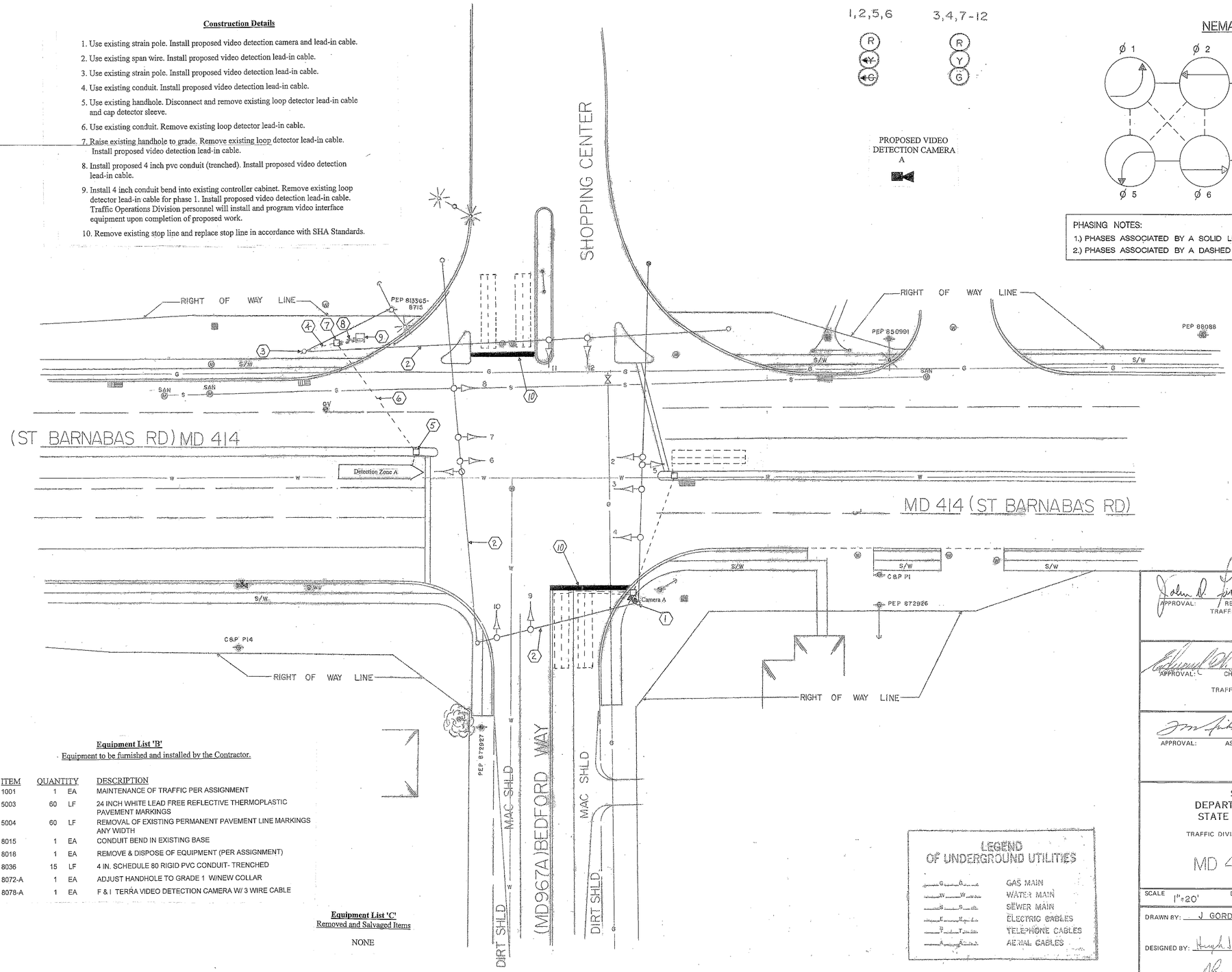
SIGNALS




NEMA PHASING




PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.




**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 |
|---|---|---|---|
| 1001 | 1 | EA | MAINTENANCE OF TRAFFIC PER ASSIGNMENT |
| 5003 | 60 | LF | 24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS |
| 5004 | 60 | LF | REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH |
| 8015 | 1 | EA | CONDUIT BEND IN EXISTING BASE |
| 8018 | 1 | EA | REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT) |
| 8036 | 15 | LF | 4 IN. SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED |
| 8072-A | 1 | EA | ADJUST HANDHOLE TO GRADE 1 W/NEW COLLAR |
| 8078-A | 1 | EA | F & I TERRA VIDEO DETECTION CAMERA W/ 3 WIRE CABLE |

**Equipment List 'C'**
Removed and Salvaged Items

NONE

LEGEND OF UNDERGROUND UTILITIES

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

APPROVAL: REGIONAL TRAFFIC ENGINEER — 7/27/74

APPROVAL: CHIEF-BUREAU OF TRAFFIC ENGINEERING — 7/28/74

APPROVAL: ASS'T. CHIEF ENGINEER TRAFFIC — 7/28/74

C July 2009 Install Video Detection OT 2007 J-996

B REPLACE SINGLE LOOP DETECTION

SHA NO.: B55-250-31150

C.L.S.

A 7-2-80 OLD CONTRACT NO. P365X-000-385 ASBUILT

DJM

REVISIONS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

TRAFFIC DIVISION – BUREAU OF TRAFFIC ENGINEERING

# MD 414 & BEDFORD WAY

SCALE 1"=20' DATE 4-27-73 CONTRACT NO.

DRAWN BY: J GORDON COUNTY: PRINCE GEORGE

DESIGNED BY: Hugh J. Rinehart SIGNAL NO.: 16319

CHECKED BY:

DRAWING NO. TS-898C