US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

SIGNALS

1-6 — R Y G — 12" LED (BLACK FACED)

7,8 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD

EXISTING PRE-EMPTION

15,16

EXISTING SIGNS

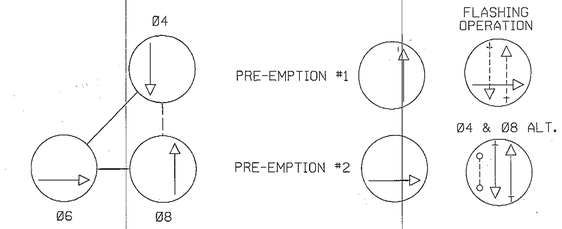
11 — Bowie RD — DOUBLE-SIDED

12

13

14 — ONLY

NEMA PHASING

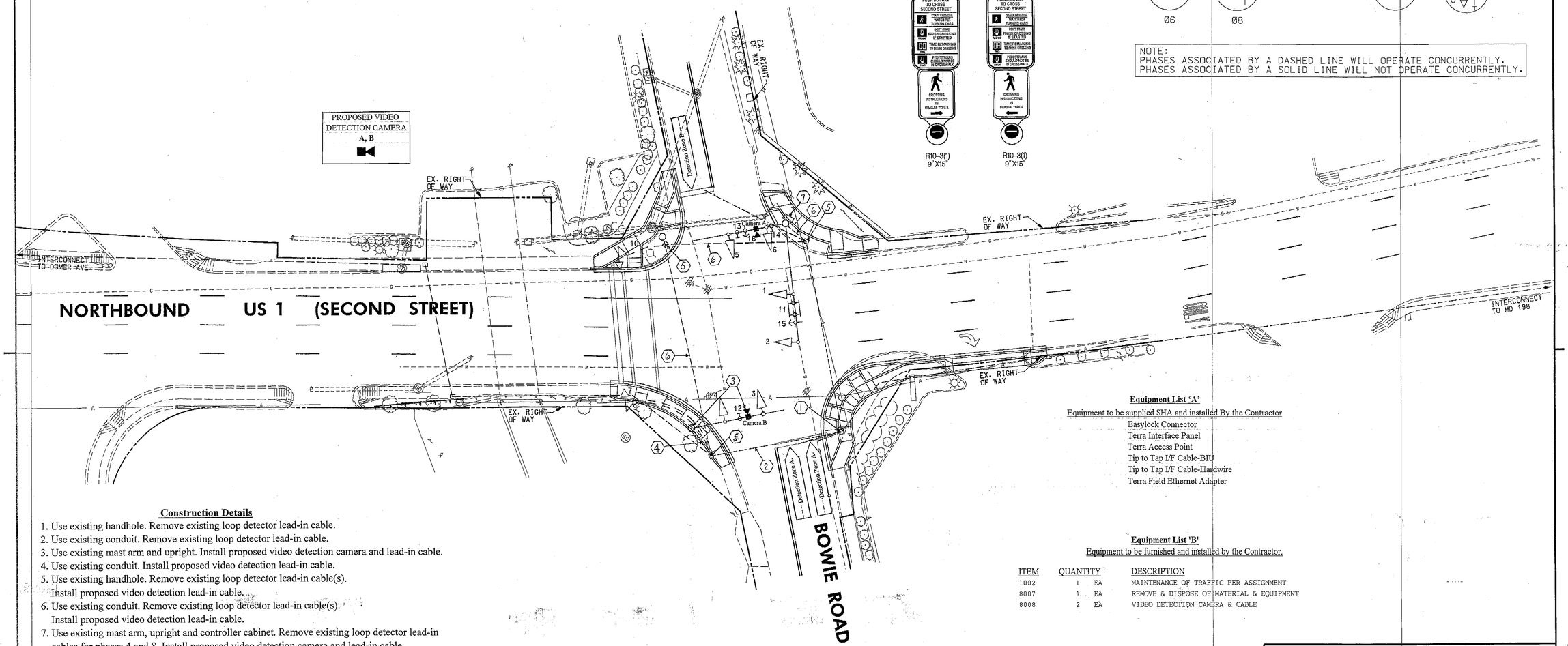


NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

9 — PUSH BUTTON TO CROSS SECOND STREET — R10-3(1) 9"X15"

10 — PUSH BUTTON TO CROSS SECOND STREET — R10-3(1) 9"X15"

PROPOSED VIDEO DETECTION CAMERA A, B



Construction Details

1. Use existing handhole. Remove existing loop detector lead-in cable.
2. Use existing conduit. Remove existing loop detector lead-in cable.
3. Use existing mast arm and upright. Install proposed video detection camera and lead-in cable.
4. Use existing conduit. Install proposed video detection lead-in cable.
5. Use existing handhole. Remove existing loop detector lead-in cable(s). Install proposed video detection lead-in cable.
6. Use existing conduit. Remove existing loop detector lead-in cable(s). Install proposed video detection lead-in cable.
7. Use existing mast arm, upright and controller cabinet. Remove existing loop detector lead-in cables for phases 4 and 8. Install proposed video detection camera and lead-in cable. Traffic Operations Division personnel will install and program video interface equipment upon completion of proposed work.

Equipment List 'A'

Equipment to be supplied SHA and installed By the Contractor

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	2	EA	VIDEO DETECTION CAMERA & CABLE

Equipment List 'C'

Removed and Salvaged Items

NONE

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — SD — STORM DRAIN
G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES
F — F — FIBER-OPTIC

REVISION E CONSULTANT

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Towson, Maryland 21204
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APPROVALS

TEAM LEADER — ORIGINAL ON FILE
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

F — June 2012 — Upgrade to Video Detection — TIMS: L 600 — W0858185 — AH
E — UPGRADE PEDESTRIAN SIGNALS TO APS/CPS — PG3359130 — 08/10 — MJA HO WD RDB
D — INSTALL OPTICOM PRE-EMPTION FOR NORTHBOUND TWWFSC — A76045185 — 12/04 — EBY DJR DWB BRK
C — REVISED DUE TO NEW GEOMETRICS AND PAVEMENT MARKINGS — PG2745184 — AH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

NORTHBOUND US 1 (SECOND STREET) AT BOWIE ROAD
LAUREL, MD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 7-27-72 CONTRACT NO. PG-585-501-395

DESIGNED BY
DRAWN BY
CHECKED BY
F.A.P. NO. SEE TITLE SHEET

COUNTY PRINCE GEORGE'S
LOGMILE 16000113.40
T.I.M.S. NO. L-600
TOD NO.

DRAWING NO. 1631 OF SHEET NO. 1 OF 1