MD 2 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

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
5001	20	LF	F&I 24 IN WHITE PREFORMED THERMOPLASTIC MARKING LINES
5002	20	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE ANY WIDTH
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	6	EA	VIDEO DETECTION CAMERA & CABLE

Equipment List 'C'
Removed and Salvaged Items

NONE

EXISTING SIGNS

18,19,22 — R4-5L 30"X36"
23,25,26 — R4-5R 30"X36"
20 — Americana Cir ⇨ — D3-2
21 — ⇦ Americana Cir — D3-2
27 — R4-7 24"x30"
24 — R3-6 30"x36"

PROPOSED VIDEO DETECTION CAMERAS A, B, C, D, E &F

EXISTING SIGNALS

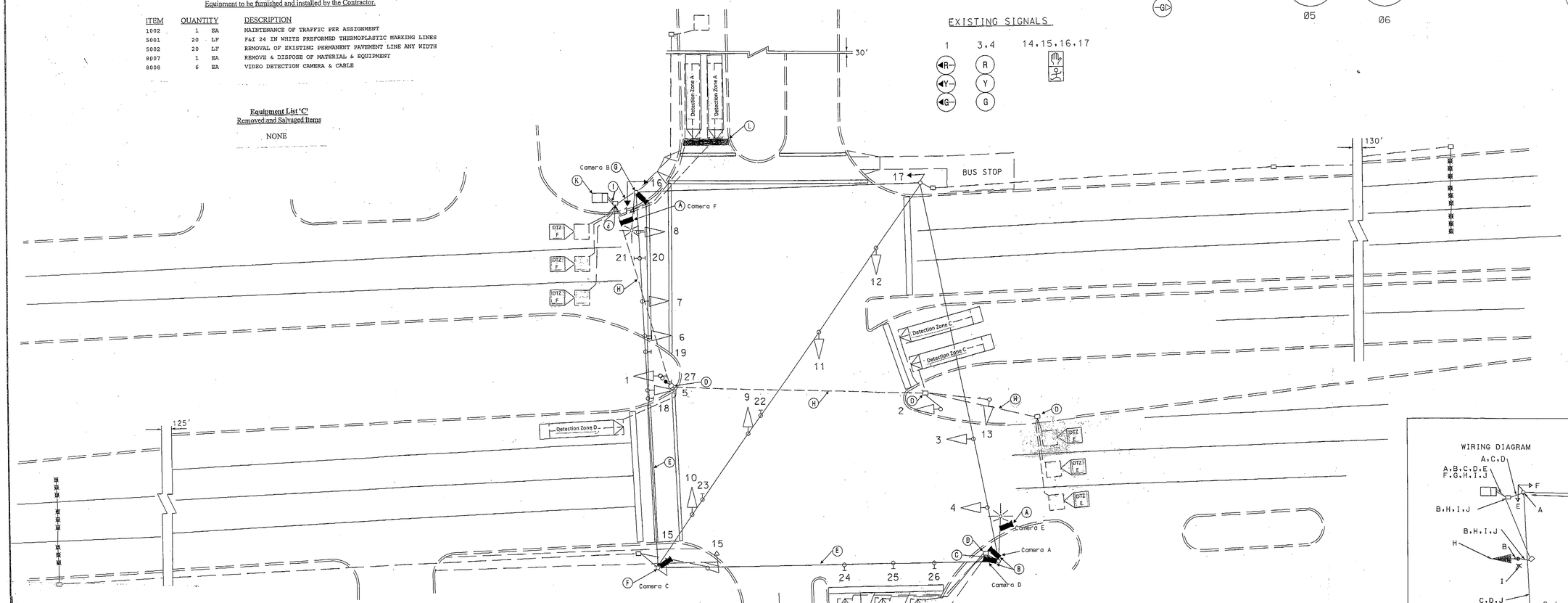
1,2,5,6 — IR, IY, IG
3,4,7,8,10 — R, Y, G
9,11 — R, Y, G, IG
12 — R, Y, G, YD, GD
13 — R, Y, G, YD, GD
14,15

EXISTING SIGNALS

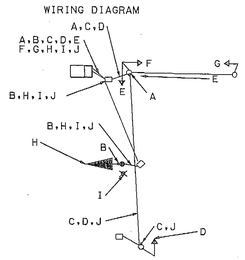
1 — IR, IY, IG
3,4 — R, Y, G
14,15,16,17

Ø1 Ø2 Ø3 Ø4 Ø3 ALT. Ø5 Ø6

FLASHING OPERATION



WIRING DIAGRAM



A,B,C	2 CONDUCTOR NO. 14 AWG
D,E,F,G	3 CONDUCTOR NO. 14 AWG
H	7 CONDUCTOR NO 14 AWG
I.	#6 BARE COPPER GROUND
EC	EXISTING CABLE
J.	VIDEO DETECTION CABLE

CONSTRUCTION DETAILS

A. Use existing luminaire arm. Install proposed video detection camera and video detection lead-in cable.
B. Use existing strain pole. Remove existing loop detection lead-in cables. Install proposed video detection camera and video detection lead-in cables.
C. Use existing conduit. Remove existing loop detection lead-in cables
D. Use existing handhole. Remove existing loop detection lead-in cables.
E. Use existing spanwire. Remove existing loop detection lead-in cable and install proposed video detection lead-in cables.
F. Use existing strain pole. Install proposed video detection camera and video detection lead-in cable.
G. Use existing strain pole. Remove existing loop detection lead-in cables and install proposed video camera and video detection lead-in cables.
Please note: There are three probe set in this pole base. They are to be installed in the cabinet and terminated.
H. Use existing conduit. Remove existing loop detection lead-in cables.
I. Use existing conduit. Remove existing loop detection lead-in cables. Install proposed video detection and triple micro loop probe lead-in cables.
J. Use existing handhole. Remove existing loop detection lead-in cables. Install proposed video detection and triple micro loop probe lead-in cables.
K. Use existing controller cabinet. Remove existing loop detection lead -in cables. Install proposed video detection and triple micro loop probe lead-in cables. TOD personnell will install and program video detection interface equipment and re-tune amplifiers after completion of propose work.
L. Remove stop line and re-install in accordance to SHA Standards.

REVISIONS

H	INSTALLATION OF VIDEO DETECTION XX646 04/2012 L-521			
F	RELOCATE PEDESTRIAN SIGNALS DUE TO RELOCATION OF CROSSWALK AA3135177			9/11/2003
E	REPLACE FAILED LOOP DETECTORS SHA NO: AW577-501-085			3/1994
RCS				
D	RED-LINE REVISION INSTALL LOOP DETECTORS			9/1991
MEL	DAZ			TH
C	SPLIT SIDE STREET			7/1991
MEL	DAZ			TH

G Replace Signal Heads with Black Faced Signal Heads XX1065485 5/10/2004

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 AT AMERICANA CIRCLE

DRAWN BY:	J. HENKEL	F.A.P. NO.	AC-STPG-000A(200)E	TS NO. 8746	SHEET NO.
CHECKED BY:	MAR	S.H.A. NO.	XX 646 5185		
SCALE:	1"=20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO. L-521	1 OF 1
DATE:	9/11/2003	LOG MILE:	02000234.56		