SIGNS

20,22 — LEFT TURN YIELD ON GREEN — R 10-12 36"X42"

21a,21b,23a,23b — 38TH Street — D3-2

24 — SOUTH 1 — ASSOCIATED SHIELD ASSEMBLY

25 — NORTH EAST SOUTH, MARYLAND 208, 1 — ASSOCIATED SHIELD ASSEMBLY

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

SIGNALS

1.4: R 8", Y 8", G 8"; 12" Y, 12" G

2.5: R, Y, G 12"

3.6.8.9.12.13: R, Y, G 12"

16-19: 12"

7: R, Y, G 8"

10.11: R 12", Y 12", Y 8"

14.15: R 12", Y 12", Y 8"

NEMA PHASING

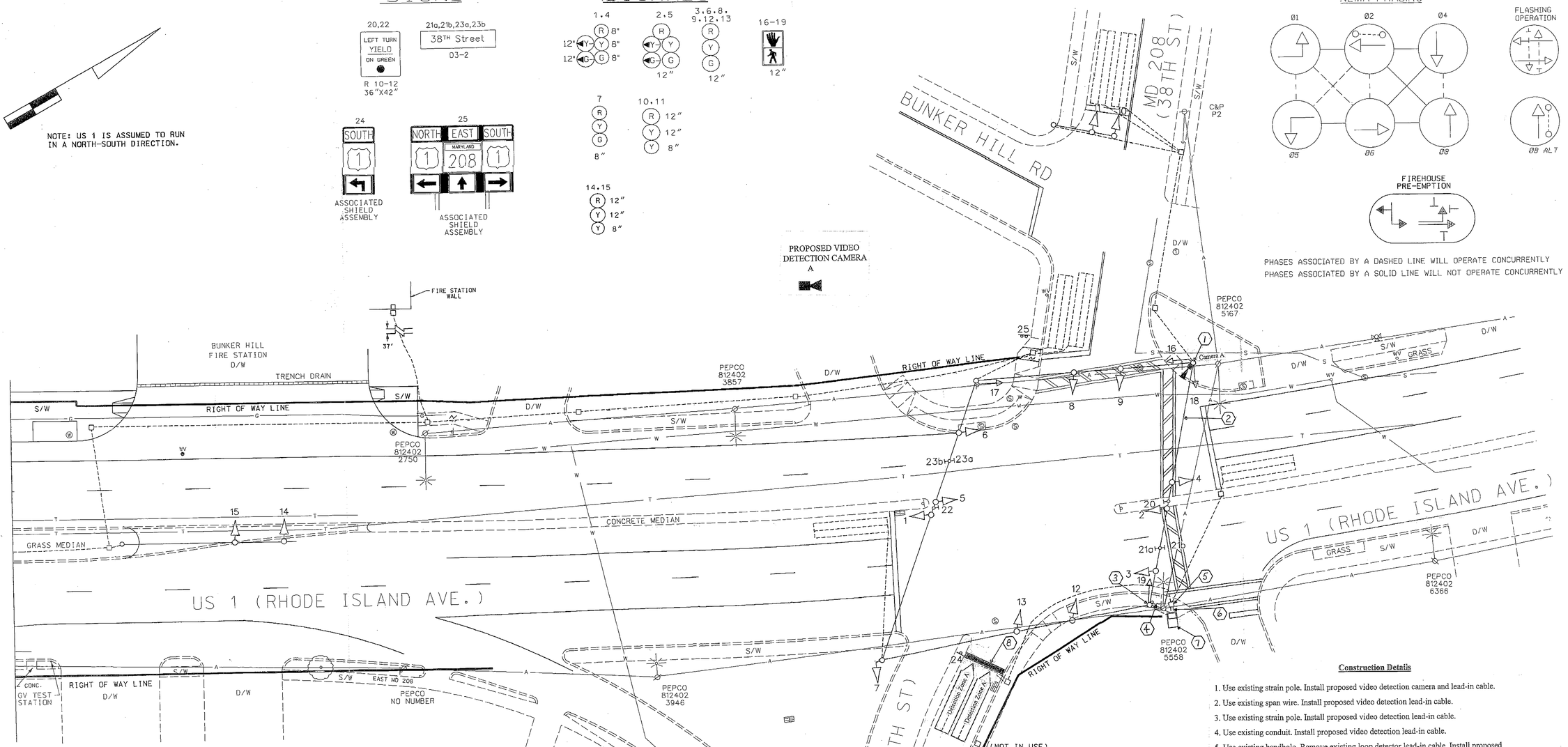
Ø1, Ø2, Ø4, Ø5, Ø6, Ø9

FLASHING OPERATION

Ø9 ALT

FIREHOUSE PRE-EMPTION

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

QUANTITY		DESCRIPTION
1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
20	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
10	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
1	EA	F & I TERRA VIDEO DETECTION CAMERA W/ 3 WIRE CABLE

Equipment List 'C'
Removed and Salvaged Items

NONE

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. Remove existing loop detector lead-in cable. Install proposed video detection lead-in cable.
6. Use existing conduit. Remove existing loop detector lead-in cable. Install proposed video detection lead-in cable.
7. Use existing controller cabinet. Remove existing loop detector lead-in cable for phase 8. Install proposed video detection lead-in cable.
8. Replace stop line in accordance with SHA Standards.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

REVISION "C"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

4094FH.dgn TASK 35

REVISIONS		
D	Nov 2009	Replace Damaged Detection 3 Bid 27861T10051
C	5/1/02	ADD FIREHOUSE SIGNAL AND I/C SHA #KX1065265
RRZ		
B	2/96	REPLACE DAMAGED CONDUIT & DETECTION SHA NO.: P 146-501-383
RCS		
A		INSTALL E/P LT NB & SB US 1

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
US 1 @ MD 208 (38 TH STREET)
US 1 @ BUNKER HILL FIRE STATION

DRAWN BY:	F.A.P. NO.	TS NO. TS 240D	SHEET NO.
CHECKED BY:	S.H.A. NO. PG 204A5A/B5A		1 OF 1
SCALE: 1"= 20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. K-214	
DATE: 9/90	LOG MILE: 16.00/00.39		

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