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

EXISTING OPTICOM DETECTOR EYE

15,16

EXISTING SIGNS

18,19 — Mulberry ST — D-3 60"X12"

17 — LEFT TURN YIELD ON GREEN — R10-12 30"X36"

21 — ONLY — R3-5(L) 30"X36"

22 — R12-10 30"X36"

EXISTING SIGNALS

11-14 — 12"

PROPOSED SIGNALS

1,4 — 12"/8"

2,5 — 12"

3,6,8,10 — 12"

7,9 — 12"

PROPOSED SIGNS

20 — LEFT TURN YIELD ON GREEN — R10-12 30"X36"

23 — SOUTH 1 — M3-3 24"X12", M1-4 24"X24", M6-1 21"X15" — ASSOCIATED SHIELD ASSEMBLY 24"X51"

24 — NORTH 1 — M3-1 30"X15", M1-4 36"X36", M6-1 30"X24" — ASSOCIATED SHIELD ASSEMBLY 36"X75"

25 — NORTH 1 — M3-1 24"X12", M1-4 24"X24", M6-1 21"X15" — ASSOCIATED SHIELD ASSEMBLY 24"X51"

26 — SOUTH 1 — M3-3 30"X15", M1-4 36"X36", M6-1 30"X24" — ASSOCIATED SHIELD ASSEMBLY 36"X75"

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

Ø8 ALT

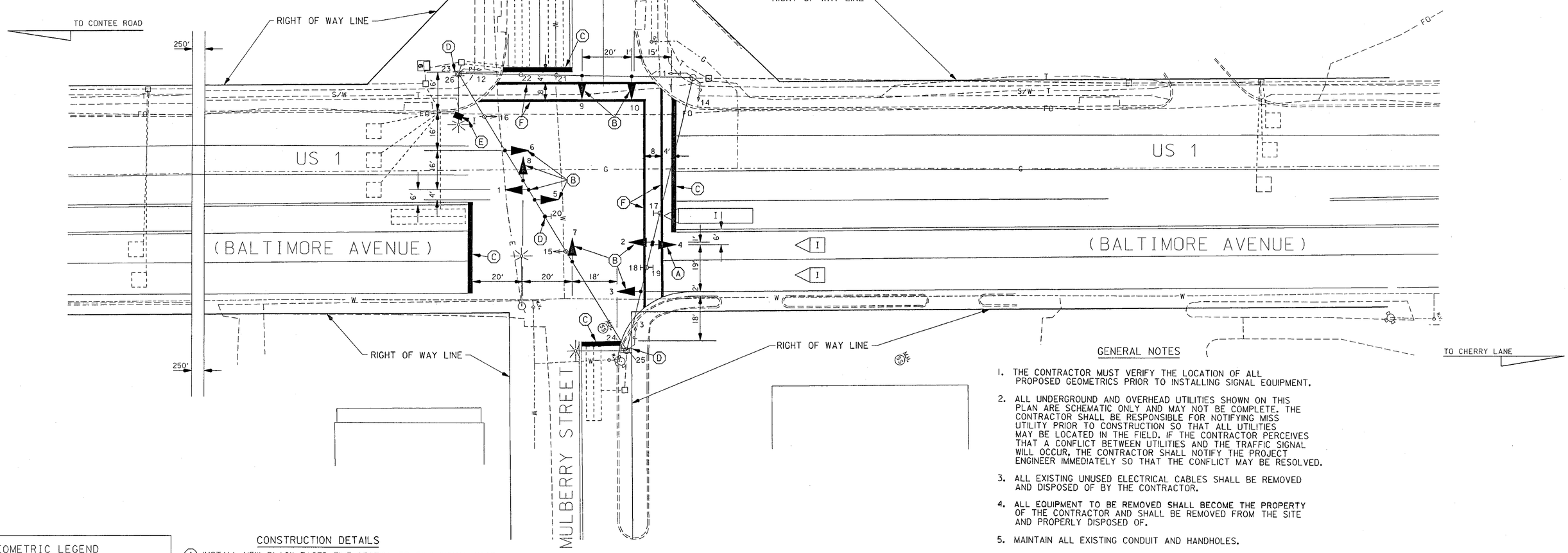
PREEMPTION 1

PREEMPTION 2

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

PROPOSED VIDEO DETECTION

I



GENERAL NOTES

1. THE CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. ALL EXISTING UNUSED ELECTRICAL CABLES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
4. ALL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
5. MAINTAIN ALL EXISTING CONDUIT AND HANDHOLES.

GEOMETRIC LEGEND

————	PROPOSED GEOMETRICS
- - - - - -	EXISTING GEOMETRICS

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
D — D	STORM DRAIN
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

CONSTRUCTION DETAILS

(A) INSTALL NEW BLACK FACED FIVE-SECTION TRAFFIC SIGNAL HEAD.

(B) REMOVE EXISTING TRAFFIC SIGNAL HEAD AND INSTALL NEW BLACK FACED TRAFFIC SIGNAL HEAD.

(C) INSTALL 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP BARS, AS DIMENSIONED ON PLAN.

(D) INSTALL NEW SIGN.

(E) INSTALL VIDEO DETECTION CAMERA USING PEDESTAL BRACKET TO LIGHT ARM.

(F) INSTALL 12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK, AS DIMENSIONED ON PLAN.

REVISION D CONSULTANT

WALLACE, MONTGOMERY & ASSOCIATES, LLP
CIVIL AND STRUCTURAL ENGINEERS
110 West Road
Suite 300
Towson, Maryland 21204

REVISIONS

(D) Provide SB EP L/T phase signal and replace traffic signals with black-faced signals — 102004 — No. AT5825185 — MJA DJR — 200

(C) INSTALL OPTICOM DETECTOR EYE NB AND SB US 1 — CET

B — ASBUILT AND ADDING EP LEFT TURN FOR NB US 1 — 490

A — DELETE PHASE 2 ALT ADD PED PHASE, PED PUSHBUTTONS AND SIGNS — 365

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

THIS IS A REVISION TO ORIGINAL SIGNAL PLAN ON FILE AT SHA.

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

US 1 (BALTIMORE AVENUE)
AT MULBERRY STREET

DRAWN BY:	SPP	F.A.P. NO.		TS NO. 2040 (D)	SHEET NO.
CHECKED BY:	TMH/CJ	S.H.A. NO.	XX5825185		
SCALE:	1":20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. F817	1 OF 2
DATE:	02/21/2000	LOG MILE:	16000112.63		

$TIME$
$DATE$
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