EXISTING SIGNALS & SIGNS

MD 4 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

1,3,4,7,9,10,13, 15,18,20,21 — 2,5,6,8,11,12,14, 16,17,19,22,23 — 24-29 — 30,31,33-35, 37-39 — 32a,32b,36a,36b — 40 — 41 — 42 — 43

THE EXISTING SIGNAL HEADS ARE ALL BLACK FACED

44 — 45 — 46 — 47 — 48-51

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

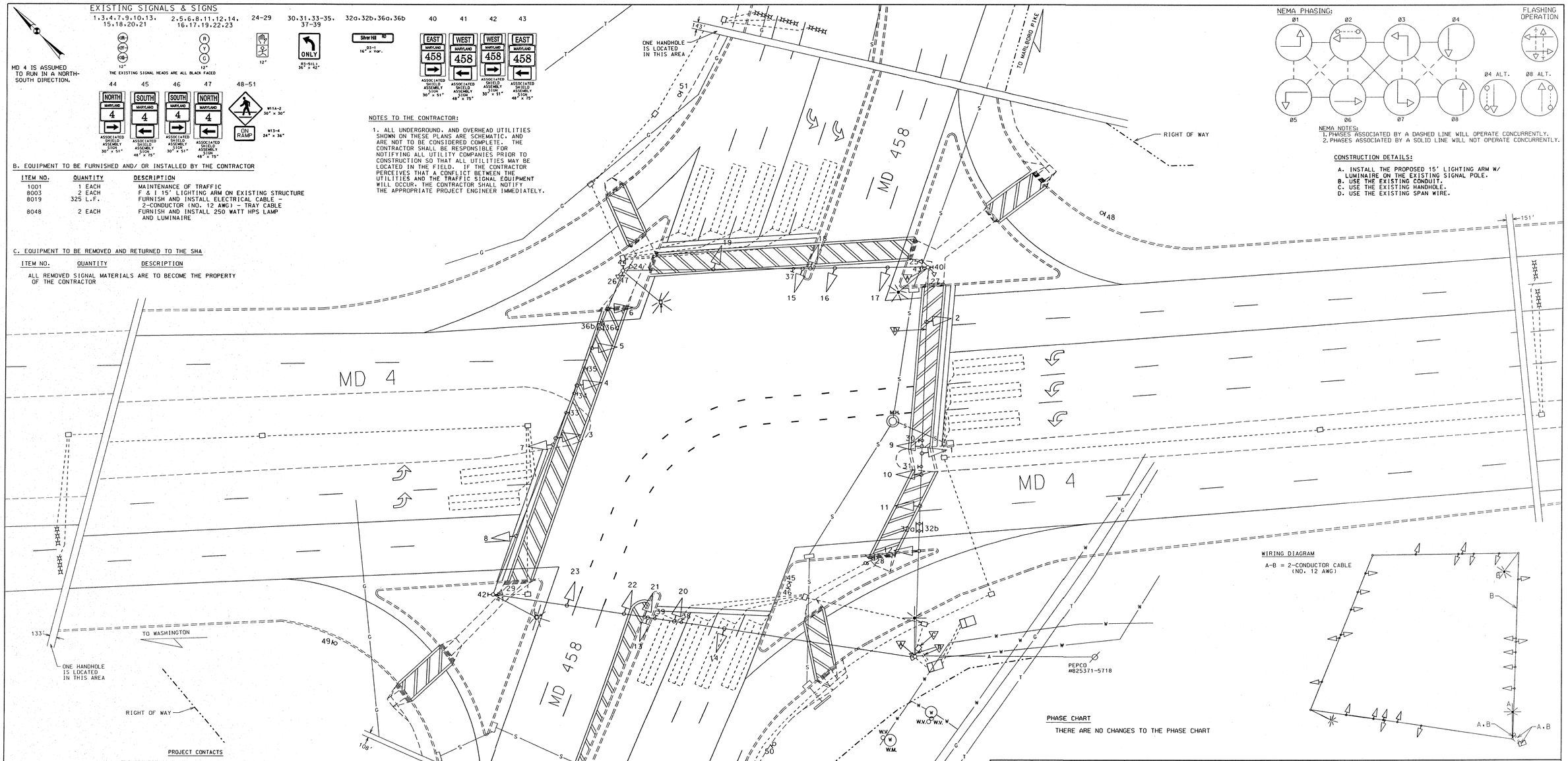
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8003	2 EACH	F & I 15' LIGHTING ARM ON EXISTING STRUCTURE
8019	325 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2-CONDUCTOR (NO. 12 AWG) - TRAY CABLE
8048	2 EACH	FURNISH AND INSTALL 250 WATT HPS LAMP AND LUMINAIRE

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
		ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

NOTES TO THE CONTRACTOR:

1. ALL UNDERGROUND. AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC. AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.



NEMA PHASING:

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø7 Ø8

FLASHING OPERATION

Ø4 ALT. Ø8 ALT.

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

CONSTRUCTION DETAILS:

A. INSTALL THE PROPOSED 15' LIGHTING ARM W/ LUMINAIRE ON THE EXISTING SIGNAL POLE.
B. USE THE EXISTING CONDUIT.
C. USE THE EXISTING HANDHOLE.
D. USE THE EXISTING SPAN WIRE.

WIRING DIAGRAM

A-B = 2-CONDUCTOR CABLE (NO. 12 AWG)

PHASE CHART

THERE ARE NO CHANGES TO THE PHASE CHART

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. RALEIGH MEDLEY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304

MR. AUGIE REBISH
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (301) 513-7350

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISON CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

GEOMETRIC LEGEND
EXISTING GEOMETRICS
PROPOSED GEOMETRICS

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

REVISIONS	APPROVALS
G. 09/1998 - RECONSTRUCT FOR NEW GEOMETRICS ON MD 4: TRIPLE LEFT SHA NO. W.M. E.F. M.A.R. D.A.S. B.A.K. J.K.	TEAM LEADER/TRAFFIC ENGINEERING DESIGN DIVISION
F. 03/11/1998 - AS BUILT SHA NO. BW-190-801-312 J.J.K. B.S.P. R.O.	ASSO. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
V. 03/2003 - ADD LUMINAIRE FOR S/E & S/W CORNER SHA NO. AT2885186 A.M. [illegible]	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
H. 11/2001 - AS BUILT: REPLACED SIGNAL HEADS W/ BLACK FACES SHA NO. OT2000 W.M. M.A.R. D.A.S. B.A.K. J.K.	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

NO. A REVISION TO P-333-1-386 DATED 07/25-1991 ORIGINAL IS ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 4 (Pennsylvania Avenue) and MD 458 (Silver Hill Road)
SUITLAND, MARYLAND

DRAWN BY: W. Richardson	F.A.P. NO. T-8006 (25)	T.S. NO. TS-837 I.	SHEET NO.
CHECKED BY: W. Stitch	S.H.A. NO. P-333-1-386		
SCALE: 1" = 20'	COUNTY PRINCE GEORGE'S	T.I.M.S. NO. F333	1 OF 1
DATE: 01/15/1973	LOG MILE 16000411.88		