MD 170 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED LED SIGNALS

1,2,3,4,6,7,8 — R, Y, G — 12"

5 — R, Y, G, G — 12"

9,10,11,12 — 16"

PROPOSED OPTICOM

24

EXISTING SIGNS

13a — W. Maple RD

13b — W. Maple RD — DUAL FACED

14 — MARYLAND 169

15a — E. Maple RD

15b — E. Maple RD — DUAL FACED

16,23 — NO TURN ON RED

17 — W. MAPLE RD / W. MAPLE RD / N. CAMP MEADE RD / N. CAMP MEADE RD

18,20 — ONLY

19 — NORTH MARYLAND 170 / SOUTH MARYLAND 170

21 — SOUTH MARYLAND 170 / NORTH MARYLAND 170

22 — ONLY

NEMA PHASING

Ø2, Ø4, Ø6, Ø8

Ø2 + Ø6 ALT.

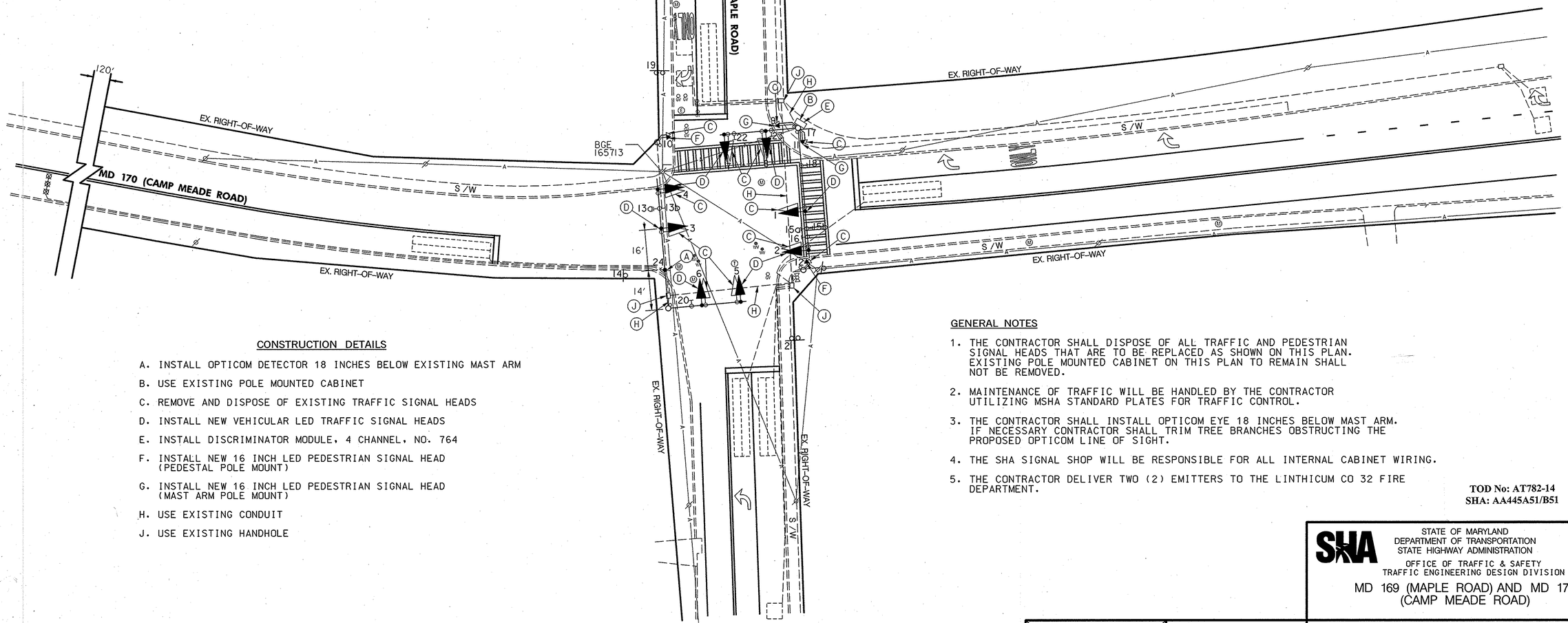
RAILROAD PRE-EMPTION — Ø4

Ø4 + Ø8 ALT.

FLASHING OPERATION

PRE-EMPTION OPERATION Ø2 + Ø6

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



CONSTRUCTION DETAILS

A. INSTALL OPTICOM DETECTOR 18 INCHES BELOW EXISTING MAST ARM

B. USE EXISTING POLE MOUNTED CABINET

C. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL HEADS

D. INSTALL NEW VEHICULAR LED TRAFFIC SIGNAL HEADS

E. INSTALL DISCRIMINATOR MODULE, 4 CHANNEL, NO. 764

F. INSTALL NEW 16 INCH LED PEDESTRIAN SIGNAL HEAD (PEDESTAL POLE MOUNT)

G. INSTALL NEW 16 INCH LED PEDESTRIAN SIGNAL HEAD (MAST ARM POLE MOUNT)

H. USE EXISTING CONDUIT

J. USE EXISTING HANDHOLE

GENERAL NOTES

1. THE CONTRACTOR SHALL DISPOSE OF ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS THAT ARE TO BE REPLACED AS SHOWN ON THIS PLAN. EXISTING POLE MOUNTED CABINET ON THIS PLAN TO REMAIN SHALL NOT BE REMOVED.
2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD PLATES FOR TRAFFIC CONTROL.
3. THE CONTRACTOR SHALL INSTALL OPTICOM EYE 18 INCHES BELOW MAST ARM. IF NECESSARY CONTRACTOR SHALL TRIM TREE BRANCHES OBSTRUCTING THE PROPOSED OPTICOM LINE OF SIGHT.
4. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
5. THE CONTRACTOR DELIVER TWO (2) EMITTERS TO THE LINTHICUM CO 32 FIRE DEPARTMENT.

TOD No: AT782-14
SHA: AA445A51/B51

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

STV Incorporated
engineers/architects/planners/scientists/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

BY: SHARPSB

APPROVALS	
TEAM LEADER	ORIGINALS ON FILE
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS						
D	ADD OPTICOM DETECTOR FOR NORTHBOUND MD 170 SHA NO. AT782585					10/2005
STV SDY	CSW	DOA				
C	REPLACE LOOP DETECTORS DUE TO GEOMETRIC IMPROVEMENTS					10/1997
NML	WAL	JAM	DAZ	BRK	TO	
B	REPLACE FAILED DETECTION					3/1994
RCS						

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 169 (MAPLE ROAD) AND MD 170 (CAMP MEADE ROAD)

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 08/16/78 CONTRACT NO. AA-242-501-585

DESIGNED BY P.K.N. COUNTY ANNE ARUNDEL
DRAWN BY D. DODA LOGMILE 02017009.85
CHECKED BY T.I.M.S. NO. G931
F.A.P. NO. TOD NO.

DRAWING NO. TS-1608D OF SHEET NO. 1 OF 2

PLOTTED: MONDAY, OCTOBER 24, 2005 AT 02:26 PM
FILE: I:\PROJECTS\11103\74\02 - MD 170 AT MD 169\G931GP01.DGN