MD 214 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

PROPOSED LED SIGNALS

1,2,5,8,9,10 — R, Y, G — 12"
3,6 — R, Y, G — 12"/8"
4,7 — R, Y, G — 12"
11,12 — 16"
13,14,15,16 — Y — 12"

PROPOSED OPTICOM

17

CONSTRUCTION DETAILS

A. INSTALL OPTICOM DETECTOR ON NEW PEDESTAL POLE
B. USE EXISTING HANDHOLE
C. USE EXISTING CONDUIT
D. USE EXISTING BASE MOUNTED CABINET
E. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL HEADS
F. INSTALL NEW VEHICULAR LED TRAFFIC SIGNAL HEADS
G. INSTALL DISCRIMINATOR MODULE, 4 CHANNEL, NO. 764
H. REMOVE EXISTING OVERHEAD SIGN
J. INSTALL OVERHEAD SIGN
K. INSTALL 14 FOOT BREAKAWAY PEDESTAL POLE AND FOUNDATION (NOTE: 1-3 IN. CONDUIT BEND).
L. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
M. REMOVE EXISTING GROUND MOUNTED SIGN
N. INSTALL 16 INCH LED PEDESTRIAN SIGNAL HEADS
O. INSTALL ELECTRICAL HANDHOLE

EXISTING SIGNS TO REMAIN

18a Mayo Road — DUAL FACED
19a Mayo Road
18b Mayo Road — DUAL FACED
19b Mayo Road
21,22 ONLY
23,24 SCHOOL SPEED LIMIT 35 WHEN FLASHING
25,33
26,34
27,31 YIELD
28 WEST MARYLAND 214
29 EAST MARYLAND 214
32 DO NOT ENTER

EXISTING SIGNS TO BE REMOVED

20 LEFT TURN YIELD ON GREEN
30 EAST MARYLAND 214 / WEST MARYLAND 214

PROPOSED SIGNS

35 EAST MARYLAND 214 — SHIELD ASSEMBLY (30"x51")
36 WEST MARYLAND 214 — SHIELD ASSEMBLY (48"x75")
37 NORTH MARYLAND 253 — SHIELD ASSEMBLY (48"x75")
38 NORTH MARYLAND 253 — SHIELD ASSEMBLY (30"x51")
39 EAST MARYLAND 214 — SHIELD ASSEMBLY (48"x75")
40 WEST MARYLAND 214 — SHIELD ASSEMBLY (30"x51")

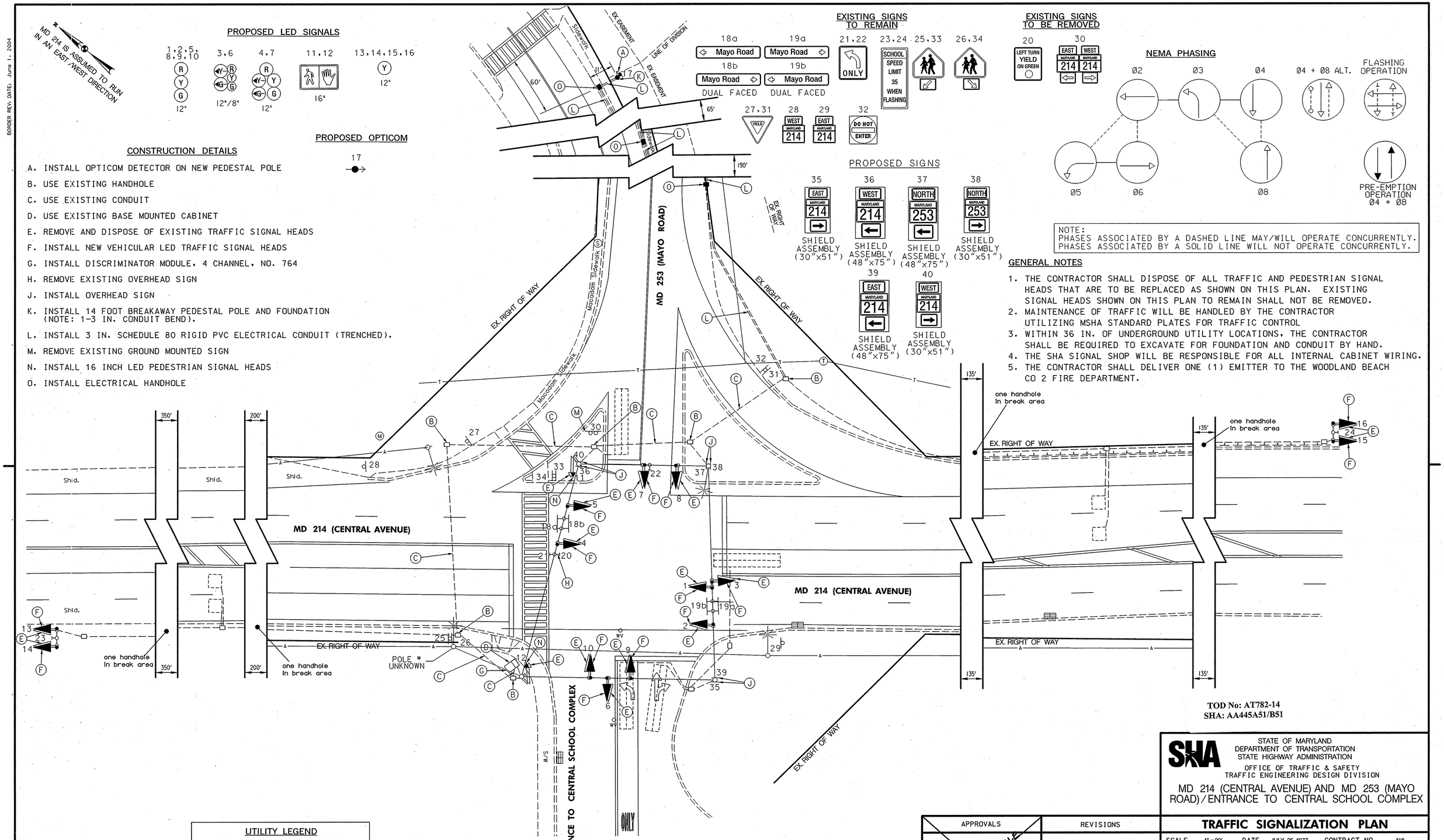
NEMA PHASING

Ø2, Ø3, Ø4, Ø5, Ø6, Ø8
Ø4 + Ø8 ALT.
FLASHING OPERATION
PRE-EMPTION OPERATION Ø4 + Ø8

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

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 SIGNAL HEADS SHOWN 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. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
4. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
5. THE CONTRACTOR SHALL DELIVER ONE (1) EMITTER TO THE WOODLAND BEACH CO 2 FIRE DEPARTMENT.



TOD No: AT782-14
SHA: AA445A51/B51

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

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

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

REVISIONS
(F) ADD OPTICOM DETECTOR FOR SOUTHBOUND MD 253 (MAYO ROAD) — 10/2005 — SHA NO. AT782518S
(E) MODIFICATIONS FOR GEOMETRIC CHANGES — 02/2000 — SHA NO. BW996M82
STV MWR 10/04

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 214 (CENTRAL AVENUE) AND MD 253 (MAYO ROAD) / ENTRANCE TO CENTRAL SCHOOL COMPLEX

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE JULY 25, 1977 CONTRACT NO. NA

DESIGNED BY
DRAWN BY GFD/DJD
CHECKED BY ADB
F.A.P. NO. NA
COUNTY ANNE ARUNDEL
LOGMILE 02021406.63
T.I.M.S. NO. G931
TOD NO.

DRAWING NO. TS-1522F
SHEET NO. 1 OF 2

PLOTTED: 10/24/2005 02:28:34 PM
FILE: I:\PROJECTS\11103\74\04 - MD 253 AT MD 214\G931GP01.DGN

BY: SHARPSB
BORDER REV: DATE: June 1, 2004
DRILL HOLES