MD 30 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

17,20,26 — ONLY — R3-5(L) (30" X 36")

19 — FAIRMOUNT Rd / MD 482 — D-3(2) (VAR X 16")

22 — Fairmount Rd / Hampstead Mexico Road — D-3(2) (VAR X 16")

23 — ONLY — R3-5(R) (30" X 36")

24 — Main St / NORTH MARYLAND 30 SOUTH — D-3(2) (VAR X 16") DUAL FACE M95-1 (78" X 24")

25 — Main Street — D-3(2) (VAR X 16") DUAL FACE

27 — WEST MARYLAND 482 — M3-4 (24" X 12") M1-5(1) (30" X 24") M6-1 (21" X 15")

29 — WEST MARYLAND 482

28 — NORTH MARYLAND 30 SNOW EMERGENCY ROUTE — M3-3 (24" X 12") M1-5(1) (24" X 24") R95-3 (24" X 24")

30 — SOUTH MARYLAND 30 SNOW EMERGENCY ROUTE

31 — NORTH MARYLAND 30 — M3-3 (24" X 12") M1-5(1) (24" X 24") M6-1 (21" X 15")

32 — SOUTH MARYLAND 30

EXISTING SIGNS TO BE REMOVED

18,21 — LEFT TURN YIELD ON GREEN — R10-12 (36" X 42")

EXISTING SIGNALS TO BE REMOVED

12" 12" 12" 12"

PROPOSED L.E.D. SIGNALS

1a,3a — 12"/8"

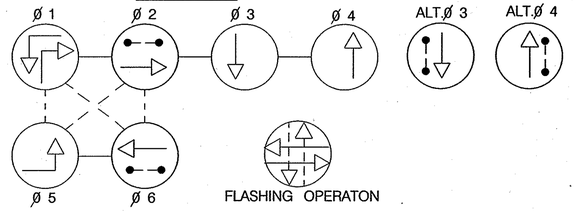
1,3 — 12"

2,4,8 — 12"

6 — 12"

5,7 — 12"

NEMA PHASING



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

PROPOSED SIGNALS

9-16 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

EXISTING VIDEO DETECTION CAMERA

a,b,c,d

PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

36 — MAIN STREET
37,38,39 — MAIN STREET
40 — HAMPSTEAD MEXICO ROAD
41 — HAMPSTEAD MEXICO ROAD
42 — FAIRMOUNT ROAD
43 — FAIRMOUNT ROAD

R10-4(1) MOD 9"x15"

CONSTRUCTION DETAILS

A. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC CONDUIT BENDS)

B. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON AND SIGNS ORIENTED PARALLEL TO CROSSWALK (NOTE: INSTALL 1-3 IN. PVC CONDUIT BEND)

C. INSTALL PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON AND SIGNS ON EXISTING SIGNAL POLE. (ORIENTED PARALLEL TO CROSSWALK)

D. INSTALL ELECTRICAL HANDHOLE

E. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED

F. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

G. INSTALL 4 IN. CONCRETE SIDEWALK WITH SIDEWALK RAMP (SHA STANDARD NO. MD 655.12) WITH DETECTABLE WARNING SURFACE (SHA STANDARD NO. MD 655.40) AND DEPRESSED CURB AND GUTTER (SHA STANDARD NO. MD 620.03)

H. INSTALL DETECTABLE WARNING SURFACE (SHA STANDARD NO. MD 655.40)

J. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING

K. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING

L. REPLACE EXISTING SIGNAL HEAD WITH NEW L.E.D. SIGNAL HEAD AS SHOWN

M. REPLACE EXISTING SIDEWALK WITH NEW 4 IN. CONCRETE SIDEWALK. NEW SIDEWALK SHALL BE FLUSH WITH TRAVELLED ROADWAY

N. USE EXISTING HANDHOLE

P. USE EXISTING CONDUIT

Q. REMOVE EXISTING PAVEMENT MARKINGS

R. REMOVE EXISTING SIGN

S. REMOVE EXISTING POLE MOUNTED CABINET AND CONTROLLER. (NOTE: PLUG UNUSED HOLES IN EXISTING SIGNAL POLE)

T. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

U. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED (PHONE DROP)

V. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

W. STUB CONDUITS AT POLE BASE - BGE AND VERIZON TO MAKE FINAL CONNECTIONS

X. INSTALL METERED SERVICE PEDESTAL

Y. INSTALL 6 FT. X 6 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (4 TURNS)

Z. INSTALL 1 IN. ELECTRICAL CONDUIT-GALVANIZED SLEEVE

AA. USE EXISTING HANDHOLE; SPLICE EXISTING LOOP WIRE INTO NEW 2 CONDUCTOR ALUMINUM SHIELDED CABLE

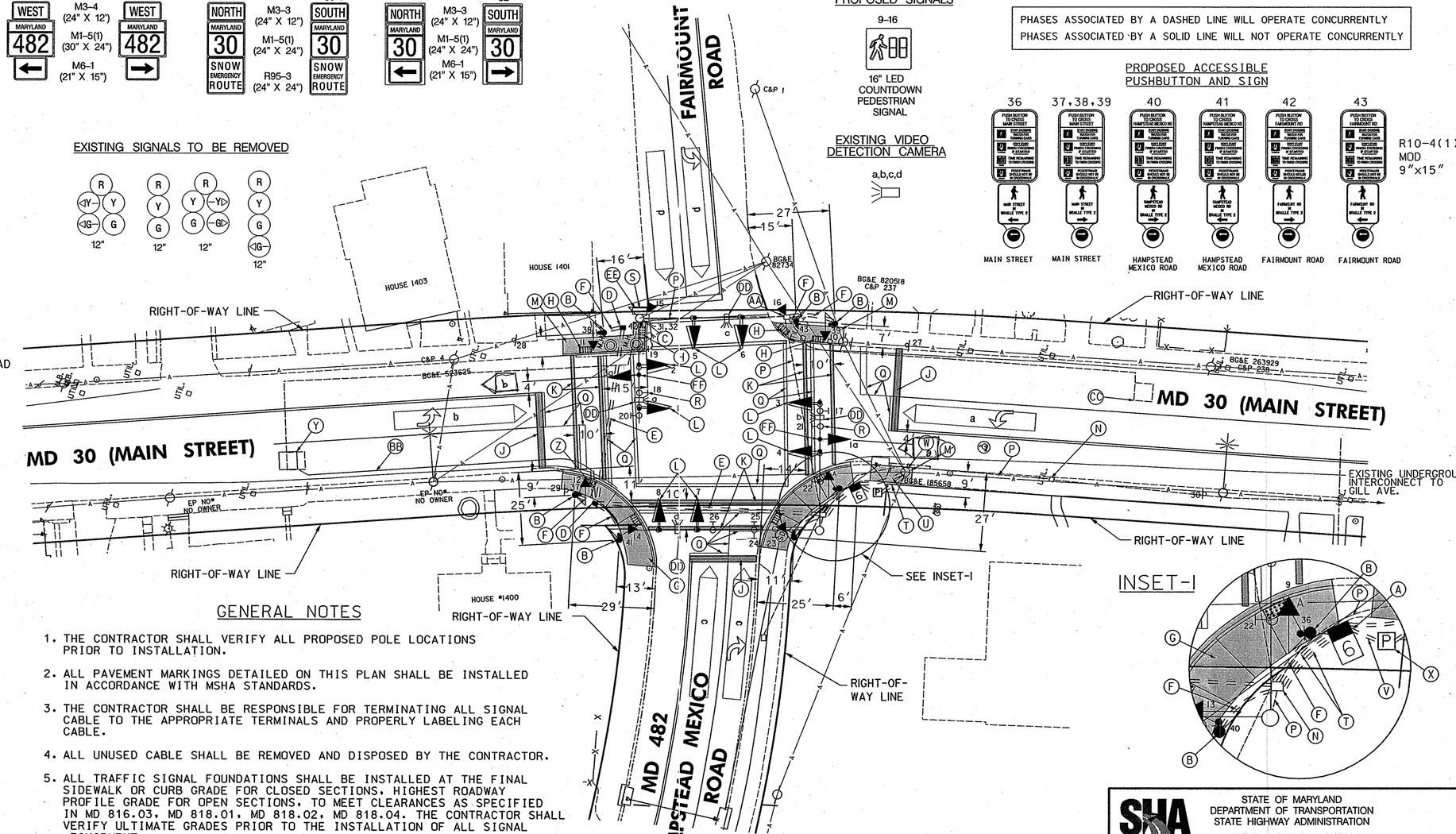
BB. SAW CUT FOR LOOP WIRE

CC. EXISTING LOOP DETECTOR TO REMAIN

DD. USE EXISTING VIDEO DETECTION CAMERA.

EE. DISCONNECT EXISTING INTERCONNECT CABLE AND REROUTE TO NEW CONTROLLER

FF. INSTALL 12" LED VEHICULAR SIGNAL HEAD



GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL PAVEMENT MARKINGS DETAILED ON THIS PLAN SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
4. ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR.
5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
6. UNDERGROUND UTILITIES SHOWN ON THESE PLANS 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 THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
7. ACCESSIBLE PEDESTRIAN CONTROL EQUIPMENT SHALL BE DELIVERED TO THE SHA SIGNAL SHOP FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. EDWARD RODENHIZER TO COORDINATE AT 410-787-7652.
8. LANE CLOSURES WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 9 AM TO 2PM - SCHOOL DAYS - MONDAY THROUGH FRIDAY.

UTILITY LEGEND

G G	GAS MAIN
W W	WATER MAIN
S S	SEWER MAIN
E E	ELECTRIC CABLES
A A	AERIAL CABLES
T T	TELEPHONE CABLES
FO FO	PROPOSED FIBER
SD SD	STORM DRAIN PIPE
CAT CAT	CABLE TV

BY: $USERNAME$

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81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TELE:(410)728-2300 FAX:(410)383-3270

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

K INSTALL VEHICULAR & COUNTDOWN PED SIGNAL HEADS, APS, AND CROSSWALKS 09/2006 SHA NO. AT7835185 TC DJR MHK MHK RWR
J INSTALL VIDEO DETECTION 03/2004 SHA NO. AT3085185 SWA
H ADD SB MD 30 E/P LT. 02/21/1995 SHA NO. DJD

FILE: K:\projects_104-134\Task10\DGN\g735gp01.dgn

TOD No.: AT783-16
SHA No.: CL417A51/B51
MD 30 @ MD 482

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

MD 30 (MAIN ST) AND MD 482
(HAMPSTEAD MEXICO RD/FAIRMOUNT RD)
HAMPSTEAD, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 1/7/82 CONTRACT NO. CL-477-201-771

DESIGNED BY
DRAWN BY DERRICK DICKERSON
CHECKED BY
FAP NO.

COUNTY CARROLL
LOGMILE 06003002.69
TIMS NO. G735
TOD NO.

TS NO. 1020K | DRAWING - | OF | SHEET NO. 1 OF 2