MD 212 IS CONSIDERED TO RUN IN A NORTH/SOUTH DIRECTION.

EXISTING SIGNS

18,19 — R3-5L 30" x 36" (ONLY)

20 — Metzerott Road — D-3(1) (DUAL-FACED) VARIABLE X 16"

21 — E (MARY HARRIS "MOTHER JONES")

22 — Metzerott Rd — D-3(1) (DUAL-FACED) VARIABLE X 16"

23,39,41,43,45,57 — S1-1 36" x 36" FY/G; W16-7p(L) 24" x 12" FYG

24,38,40,42,46,58 — S1-1 36" x 36" FY/G; W16-7p(R) 24" x 12" FYG

25 — E (MARY HARRIS "MOTHER JONES")

26 — SOUTH (M3-3 30"x 15"); MARYLAND 212 (M1-5 30"x 24"); M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

27,29 — Riggs Rd — D-3(1) (DUAL-FACED) VARIABLE X 16"

28 — NORTH (M3-1 24"x 12"); MARYLAND 212 (M1-5 30"x 24"); M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

30 — NORTH (M3-1 24"x 12"); MARYLAND 212 (M1-5 30"x 24"); M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

31 — SOUTH (M3-3 30"x 15"); MARYLAND 212 (M1-5 30"x 24"); M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

PROPOSED EQUIPMENT

a,b,c,d,e — VIDEO DETECTION CAMERA

EXISTING SIGNALS

1,2 — R, Y, G, G 12"

3-5,8,11 — R, Y, G 12"

6,9 — R, Y, G, G 12" (8")

7,10 — R, Y, G, G 12"

12-17 — LED 16" COUNTDOWN PEDESTRIAN SIGNAL HEAD

NEMA PHASING

Ø1, Ø2, Ø3, Ø4, FLASHING OPERATION, Ø6, Ø3 ALT, Ø4 ALT

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

EXISTING SIGNS

R10-3(1) 9" x 15" — PUSH BUTTON TO CROSS RIGGS ROAD — 32, 33,34,35 — RIGGS ROAD

R10-3(1) 9" x 15" — PUSH BUTTON TO CROSS METZEROTT ROAD — 36, 37 — METZEROTT ROAD

44 — NO PARKING ANY TIME — R7-1(MOD) 12" X 18"

47 — NO STOPPING OR STANDING — R7-4L(MOD) 12" X 18"

48 — NO THRU TRUCKS — R5-2(MOD) 24" X 30"

49 — Archives II — D-3 VARIABLE X 16"

50,51 — NO STOPPING OR STANDING — R7-4(MOD) 12" X 18"

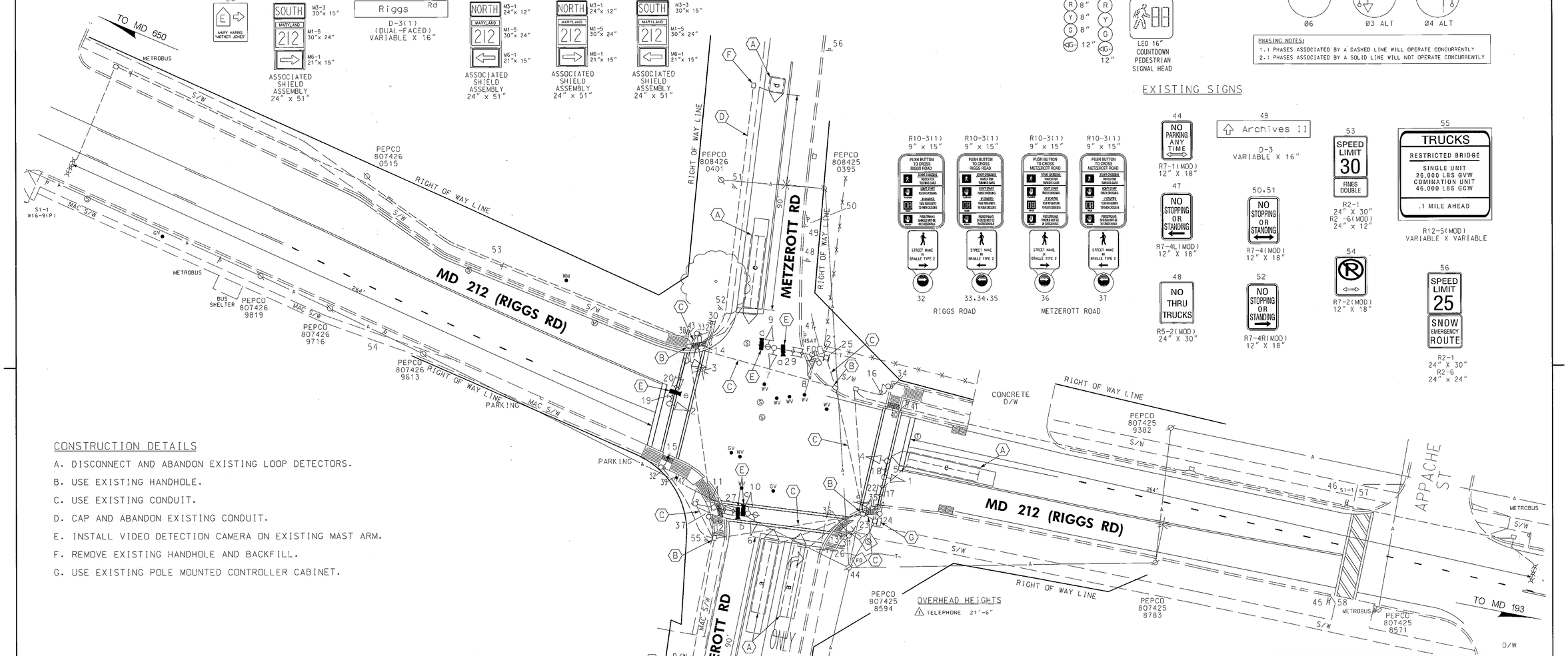
52 — NO STOPPING OR STANDING — R7-4R(MOD) 12" X 18"

53 — SPEED LIMIT 30 FINES DOUBLE — R2-1 24" X 30", R2-6(MOD) 24" X 12"

54 — R7-2(MOD) 12" X 18"

55 — TRUCKS; RESTRICTED BRIDGE; SINGLE UNIT 26,000 LBS GVW; COMBINATION UNIT 46,000 LBS GCW; .1 MILE AHEAD — R12-5(MOD) VARIABLE X VARIABLE

56 — SPEED LIMIT 25 SNOW EMERGENCY ROUTE — R2-1 24" X 30", R2-6 24" x 24"



CONSTRUCTION DETAILS

A. DISCONNECT AND ABANDON EXISTING LOOP DETECTORS.
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. CAP AND ABANDON EXISTING CONDUIT.
E. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM.
F. REMOVE EXISTING HANDHOLE AND BACKFILL.
G. USE EXISTING POLE MOUNTED CONTROLLER CABINET.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF WORK.
3. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE UNUSED CABLES FROM EXISTING HANDHOLES.
4. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SIGNAL OPERATION DURING THE COMPLETE CONSTRUCTION PERIOD.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
6. ALL MODIFICATIONS TO THE CONTROLLER CABINET WILL BE DONE BY THE SHA SIGNAL OPERATIONS.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

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

REVISIONS
(E) ADD VIDEO DET. FOR INTERSECTION TIMS NO: K800 — 8/10/11 — #XX6565185 — AJM
D Install APS/& CPS & LED SIGNAL HEADS — 6/9/09 — S.H.A No. XX4455185 — JWA
C Asbuilt — 3/31/97 — S.H.A No. 859-16625/AW-791-501-385
RRZ

TOD NO: XX656-05
SHA NO: PG771B54
MD 212 @ Metzerott Road

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

MD 212 (RIGGS ROAD) AND METZEROTT ROAD

ADELPHI, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 4/3/85 CONTRACT NO.
DESIGNED BY M.ROHLFS COUNTY PRINCE GEORGE'S
DRAWN BY M.ROHLFS LOGMILE 16021203.60
CHECKED BY TIMS NO.
F.A.P. NO. TOD NO.
TS NO. 683E DRAWING NO. 1 OF 2 SHEET NO. 1 OF 2

PLOTTED: THURSDAY, AUGUST 11, 2011 AT 02:01 PM
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BY: Mikabengele