N

MD 64 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNALS

1,4,7,10 — 12"/8"

2,5,8,11 — 12"

3,6,9,12 — 12"

EXISTING SIGNS

19 — NO TURN ON RED

13a,13b,15a,15b — EASTERN BLVD

EXISTING SIGNS TO BE REMOVED

14,16,18,20 — LEFT TURN YIELD ON GREEN

17,21 — 64

PROPOSED SIGNS

23 — ONLY — R3-5R (30"x36")

24a,24b,28a,28b — Jefferson BLVD — D-3(2) (Var. x 16")

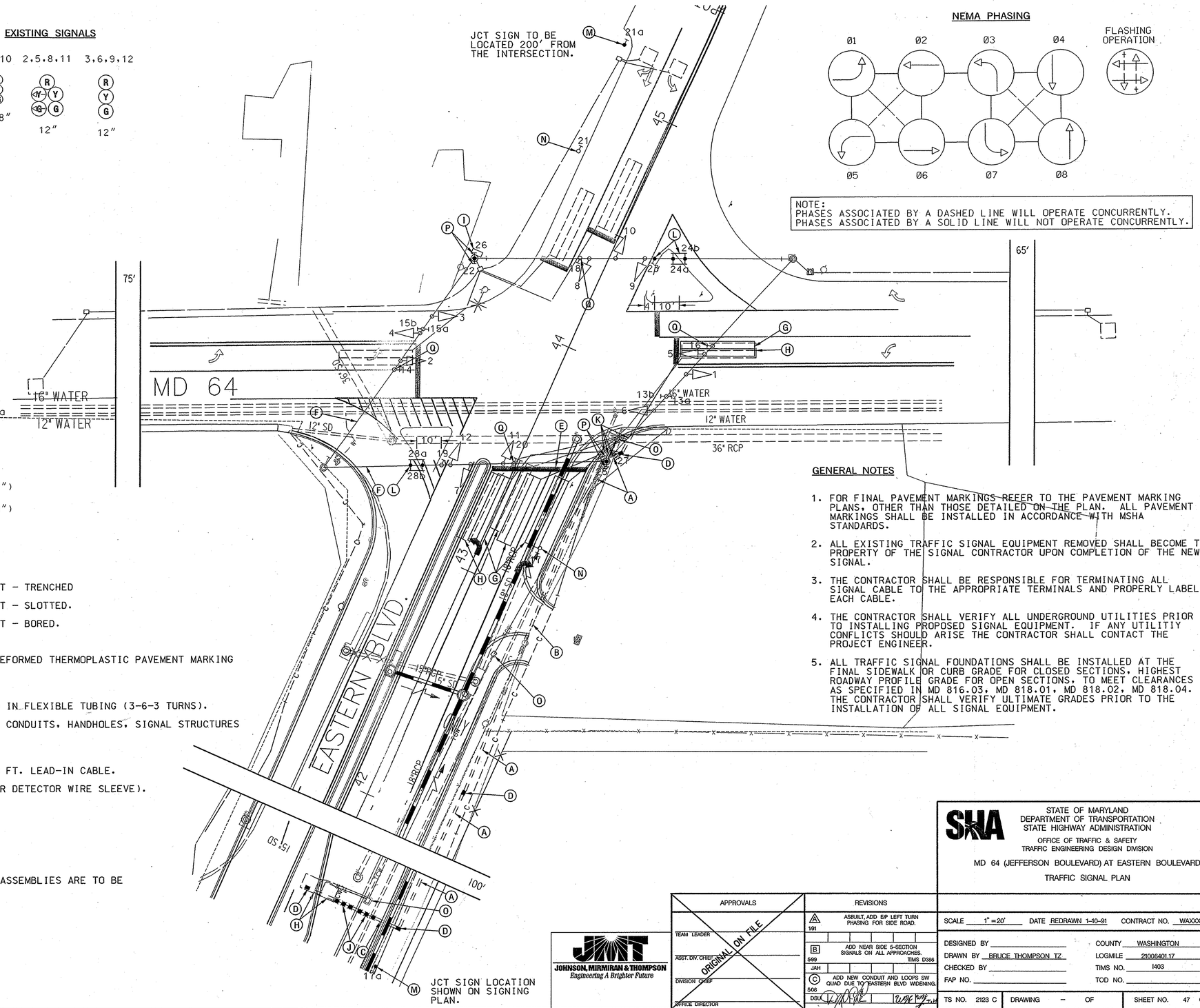
22 — WEST MARYLAND 64 — ASSOCIATED SHIELD ASSEMBLY (36"x75")

25 — EAST MARYLAND 64 — ASSOCIATED SHIELD ASSEMBLY (24"x51")

26 — WEST MARYLAND 64 — ASSOCIATED SHIELD ASSEMBLY (24"x51")

27 — EAST MARYLAND 64 — ASSOCIATED SHIELD ASSEMBLY (36"x75")

17a,21a — JCT MARYLAND 64 — M2-1 (21"x15") M1-5 (24"x24")



NEMA PHASING

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

CONSTRUCTION DETAILS

A. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED

B. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – SLOTTED.

C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – BORED.

D. INSTALL HANDHOLE.

E. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

F. USE EXISTING SPAN WIRE.

G. INSTALL 6'x30' QUADRUPOLE LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (3-6-3 TURNS).

H. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

I. USE EXISTING CABINET AND CONTROLLER.

J. INSTALL NON-INVASIVE MICROLOOP PROBES WITH 1000 FT. LEAD-IN CABLE.

K. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (FOR DETECTOR WIRE SLEEVE).

L. INSTALL SIGN ON EXISTING SPAN WIRE.

M. INSTALL GROUND MOUNTED SIGN.

N. REMOVE EXISTING GROUND MOUNTED SIGN.

O. REMOVE EXISTING HANDHOLE.

P. INSTALL SIGN ASSEMBLY ON EXISTING STRAIN POLE. ASSEMBLIES ARE TO BE PARALLEL TO THE ROUTE FOR WHICH THEY APPLY.

Q. REMOVE EXISTING SIGN FROM SPAN WIRE.

GENERAL NOTES

1. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
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.

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

BY: FARVER

JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future

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

REVISIONS
A — ASBUILT, ADD EP LEFT TURN PHASING FOR SIDE ROAD. — 191
B — ADD NEAR SIDE 5-SECTION SIGNALS ON ALL APPROACHES. — 599 — TIMS D386 — JAH
C — ADD NEW CONDUIT AND LOOPS SW QUAD DUE TO EASTERN BLVD WIDENING. — 506 — DSU

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

MD 64 (JEFFERSON BOULEVARD) AT EASTERN BOULEVARD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE REDRAWN 1-10-91 CONTRACT NO. WAXXXXXXX

DESIGNED BY
DRAWN BY BRUCE THOMPSON TZ
CHECKED BY
FAP NO.
COUNTY WASHINGTON
LOGMILE 210064011.17
TIMS NO. I403
TOD NO.

TS NO. 2123 C | DRAWING – OF | SHEET NO. 47 OF 79

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