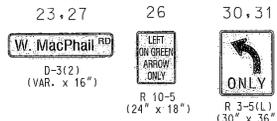
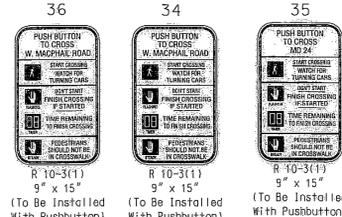


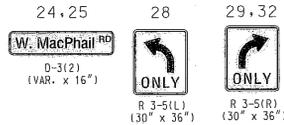
EXISTING SIGNS



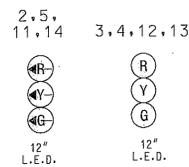
RELOCATE EXISTING SIGNS



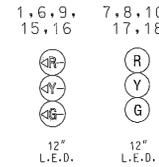
RELOCATE EXISTING SIGNS



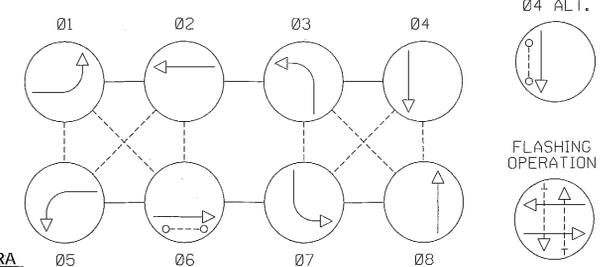
PROPOSED SIGNALS



EXISTING SIGNALS



NEMA PHASING



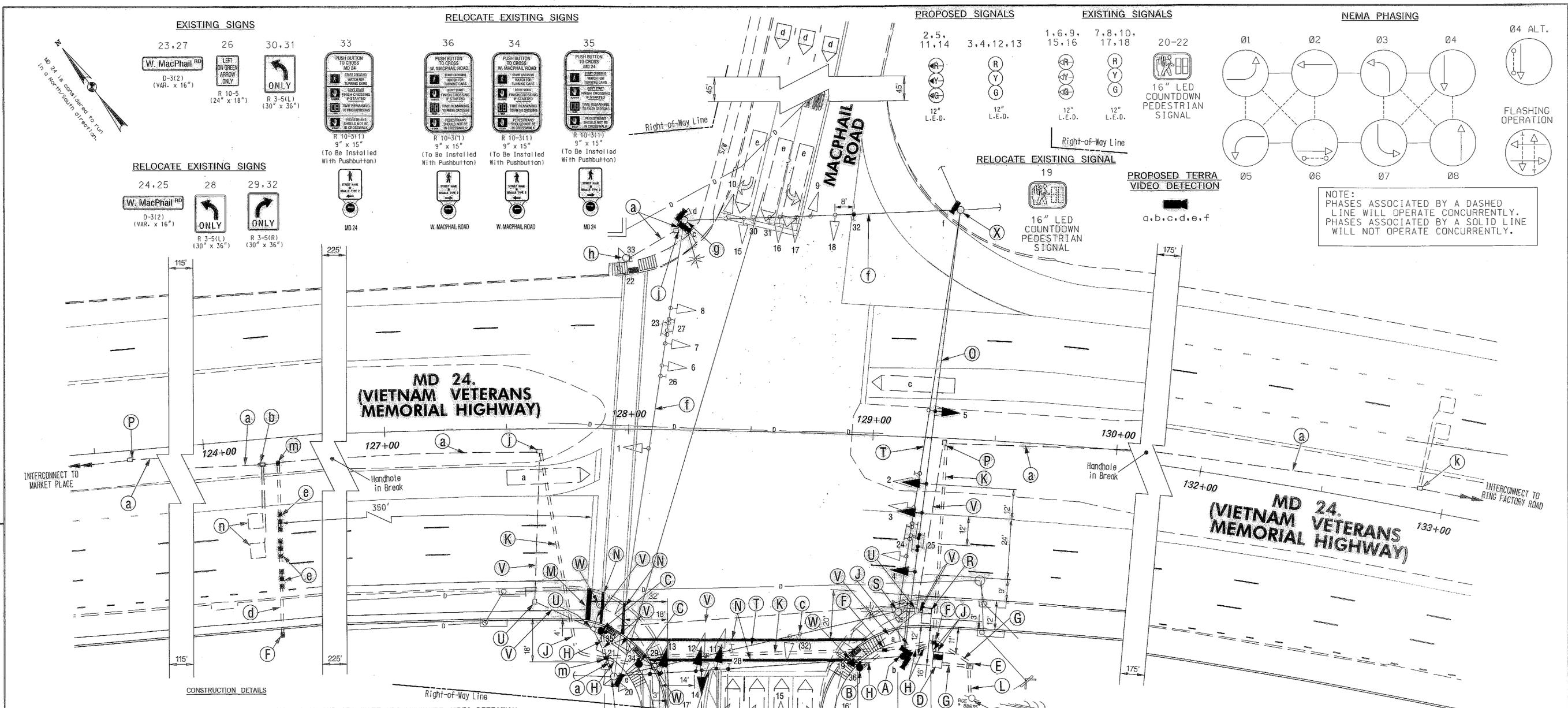
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

RELOCATE EXISTING SIGNAL



PROPOSED TERRA VIDEO DETECTION

a, b, c, d, e, f



CONSTRUCTION DETAILS

- A. INSTALL 12 IN. X 32 FT. 2 PLY STRAIN POLE WITH, 20 FT. LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE, VIDEO DETECTION CAMERAS (NOTE: TWO 3 IN. PVC SCHEDULE 80 CONDUIT BENDS).
B. INSTALL 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, INSTALL RELOCATED COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PEDESTRIAN PUSHBUTTON AND PEDESTRIAN INSTRUCTIONAL SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
C. INSTALL 5 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, RELOCATED AUDIBLE PEDESTRIAN PUSHBUTTON AND PEDESTRIAN INSTRUCTIONAL SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
D. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
E. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE BY BGE.
F. INSTALL HANDHOLE.
G. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
I. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
L. INSTALL 4 IN. CONDUIT TO BASE OF POLE FOR AN UNDERGROUND ELECTRICAL SERVICE BY BGE - TRENCHED.
M. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
N. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
O. INSTALL 1/2 IN. STEEL SPAN WIRE WITH VEHICLE SIGNAL HEADS AND SIGNS AS SHOWN.
P. USE EXISTING HANDHOLE, PULL BACK EXISTING INTERCONNECT AND RE-ROUTE IN NEW CONDUIT TO NEW CABINET.
Q. USE EXISTING STEEL STRAIN POLE. INSTALL VIDEO DETECTION CAMERA, REWIRE EXISTING PEDESTRIAN SIGNAL HEADS. INSTALL TEMPORARY BACK GUY.
R. REMOVE EXISTING CABINET.
S. REMOVE EXISTING STEEL POLE AND ALL ATTACHED EQUIPMENT.
T. REMOVE EXISTING SPAN WIRE AND ALL ATTACHED EQUIPMENT. RELOCATED EXISTING TO NEW SPAN WIRE AS SHOWN.
U. REMOVE EXISTING HANDHOLE.
V. CAP AND ABANDON EXISTING CONDUIT.
W. REMOVE EXISTING PEDESTAL POLE, RELOCATE EXISTING PEDESTRIAN EQUIPMENT.
X. USE EXISTING STEEL STRAIN POLE. INSTALL VIDEO DETECTION CAMERA, INSTALL TEMPORARY BACK GUYS. SELECTIVE HEDGE TRIMMING AS NECESSARY.
Z. USE EXISTING UTILITY POLE.
a. USE EXISTING CONDUIT.
b. REMOVE EXISTING HANDHOLE. INSTALL NEW CONDUIT FROM EXISTING ENDS OF CONDUIT.
c. RELOCATE EXISTING SIGN.
d. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
e. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
f. USE EXISTING SPAN WIRE, RE-WIRE EXISTING SIGNAL HEADS. INSTALL SIGN AS SHOWN.
g. USE EXISTING STEEL STRAIN POLE. REPLACE EXISTING VIDEO DETECTION CAMERAS WITH NEW TERRA VIDEO DETECTION CAMERAS.
h. USE EXISTING PEDESTRIAN SIGNAL POLE, RE-WIRE ALL PEDESTRIAN SIGNAL EQUIPMENT.
i. USE EXISTING HANDHOLE.
j. USE EXISTING HANDHOLE. SPlice NEW 2 CONDUCTOR ALUMINUM SHIELD TO EXISTING LOOP DETECTORS.
k. INSTALL HANDHOLE ON EXISTING CONDUIT RUN.
n. ABANDON EXISTING LOOP DETECTOR.

GENERAL NOTES ON SHEET 2 OF 2

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 24 (VIETNAM VETERANS MEMORIAL HIGHWAY) AT MACPHAIL ROAD BEL AIR, MD

Table with columns: GEOMETRIC LEGEND, UTILITY LEGEND, APPROVALS, REVISIONS, and TRAFFIC SIGNAL PLAN. Includes details like 'SCALE 1" = 20'', 'DATE JUNE 25, 1993', and 'SHEET NO. 1 OF 2'.

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PLOTTED BY: fhoeckel