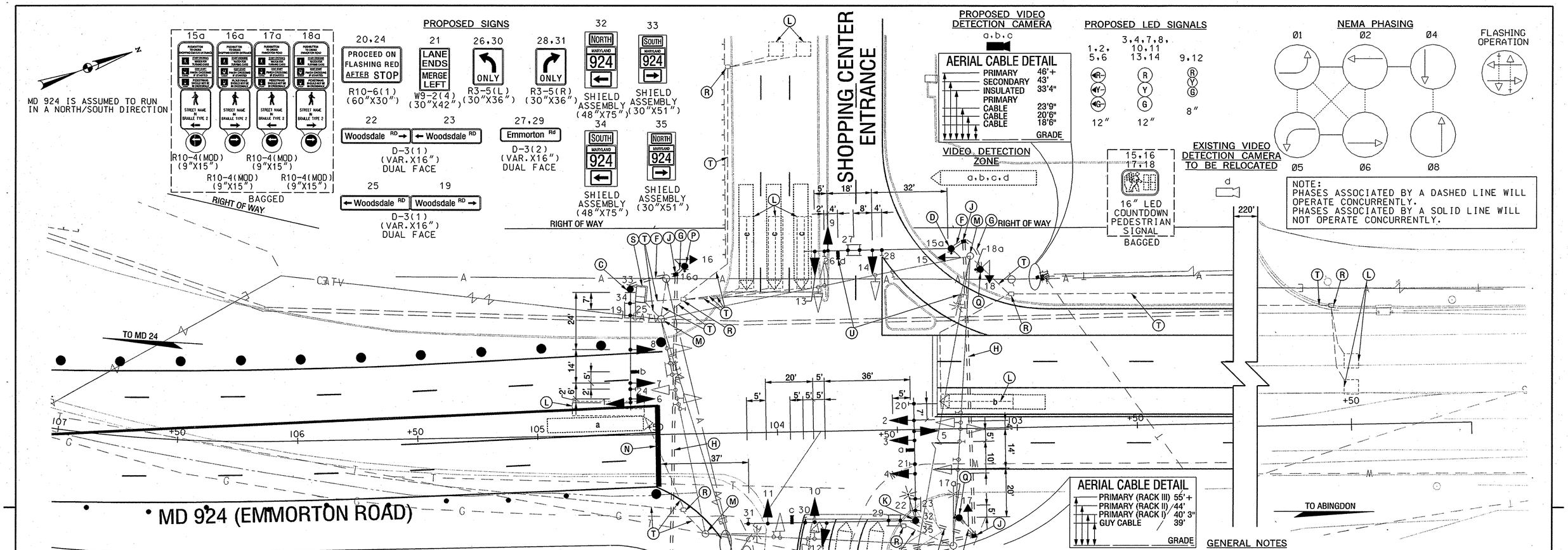

CONSTRUCTION DETAILS

A. INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON BASE UNIT.(NOTE: TWO-4 IN. PVC. AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA.104+40, 68' LT.

B. INSTALL 200 AMP METERED SERVICE PEDESTAL. (NOTE: ONE-4 IN. AND TWO-2 IN. SCHEDULE 80, 90-DEGREE CONDUIT BENDS IN PEDESTAL BASE).

C. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE (CUT TOP OF POLE DOWN TO 21') WITH SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGNS AND OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. (NOTE: TWO-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA.104+60, 61' RT.

D. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, RELOCATED OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-4(MOD) SIGN (TO READ "PUSH BUTTON TO CROSS SHOPPING CENTER ENTRANCE") AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL BRAILLE ON FACE PLATE. (NOTE: TWO-3 IN. SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA 103+26, 75' RT.

E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

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

G. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

J. INSTALL HANDHOLE.

K. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE WITH TWIN 70 FT. AND 50 FT. MAST ARMS, 10 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, SIGNAL HEADS, SIGNS, AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE-4 IN. AND ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA. 103+43, 38' LT.

L. ABANDON EXISTING LOOP DETECTOR.

CONSTRUCTION DETAILS (CONTD.)

M. REMOVE EXISTING SIGNAL POLE, SPAN WIRE SIGNAL HEADS, SIGNS AND FOUNDATION 12 IN. BELOW GRADE AND BACK FILL.

N. 24 IN. WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKING FOR STOP LINE.

P. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE WITH 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-4(MOD) SIGN (TO READ "PUSH BUTTON TO CROSS SHOPPING CENTER ENTRANCE") AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL BRAILLE ON FACE PLATE. (NOTE: ONE-2 IN. PVC SCHEDULE. 80 90-DEGREE CONDUIT BEND). STA. 104+37.70' RT.

Q. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE WITH 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-4(MOD) SIGN (TO READ "PUSH BUTTON TO CROSS EMMORTON ROAD") AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL BRAILLE ON FACE PLATE. (NOTE: ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA. 103+15.66' RT. AND STA. 103+26.37' LT.

CONSTRUCTION DETAILS (CONTD.)

R. REMOVE EXISTING HANDHOLE AND BACK FILL.

S. REMOVE EXISTING BASE MOUNTED CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACK FILL.

T. CAP AND ABANDON EXISTING CONDUIT.

U. RELOCATE EXISTING VIDEO DETECTION CAMERA TO MAST ARM.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA/OOTS ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED, EXCEPT THE CONTROLLER UNIT AND AUXILIARY EQUIPMENT WITHIN THE CABINET, SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
7. 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 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
8. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER 2 WEEKS PRIOR TO BEGINNING SIGNAL WORK TO ARRANGE FOR SHA SIGNAL INSPECTION.
9. INSTALL 10 FEET OF ADDITIONAL SLACK OF ELECTRICAL CABLE FOR SIGNAL HEAD NUMBER 6.

MOT STAGES :2&3

SCALE: 1"=20'
20 0 20 40

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
SAN — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
FO — FIBER-OPTIC

MOT LEGEND

WORK ZONE
TEMPORARY SIGN AND POST
CRASH CUSHION SAND FILLED PLASTIC BARRELS
TYPE III BARRICADE
DRUMS
PRECAST TEMPORARY CONCRETE TRAFFIC BARRIER

SABRA, WANG & ASSOCIATES, INC.
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WWW.SABRA-WANG.COM

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DIVISION
CHIEF TRAFFIC ENGINEERING DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
ORIGINAL ON FILE

REVISIONS
(D) PHASE 2 & 3 MOT SIGNAL DUE TO GEOMETRICS IMPROVEMENTS MOTA# KH-071-000-002 — SWA — 06/12/06
(C) REPLACE WOODSDALE ROAD DETECTION/ADD EP LT FOR WOODSDALE RD — TZ — 04/12/06
(B) INSTALL LEFT TURN EP FOR SB MO 924
MEL | DJD | DAR | ETP | TH | 11/94

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

MD 924 AT WOODSDALE ROAD
IMPROVEMENTS TO I95 AND MD 24 INTERCHANGE
ABINGDON, MARYLAND

TEMPORARY TRAFFIC SIGNAL PLAN

SCALE 1" = 20' | DATE 102986 | CONTRACT NO. 11-520-501502-470

DESIGNED BY E.SIMMERS | COUNTY HARFORD
DRAWN BY E.SIMMERS | LOGMILE 12092400.19
CHECKED BY S.RENZI | TIMS NO. H 672
FAP NO. | TOD NO.

TS NO. 2241D | DRAWING PSG OF P007 | SHEET NO. 677 OF 889

PLOTTED: Thursday, July 06, 2006 AT 04:49 PM
FILE: R:\2003\31 MdTA 2003-01 prel_eng KCI\Task 01 MD24_I-95\Dwg\Signals\pSG-P007_MD24.dgn

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