DRILL HOLES

BORDER REV: DATE: June 1, 2004

MD 404 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION

PROPOSED SIGNALS

3.4.5.6

R Y G

12"

EXISTING SIGNALS

1.2.7.8

R Y G

PROPOSED VIDEO DETECTION

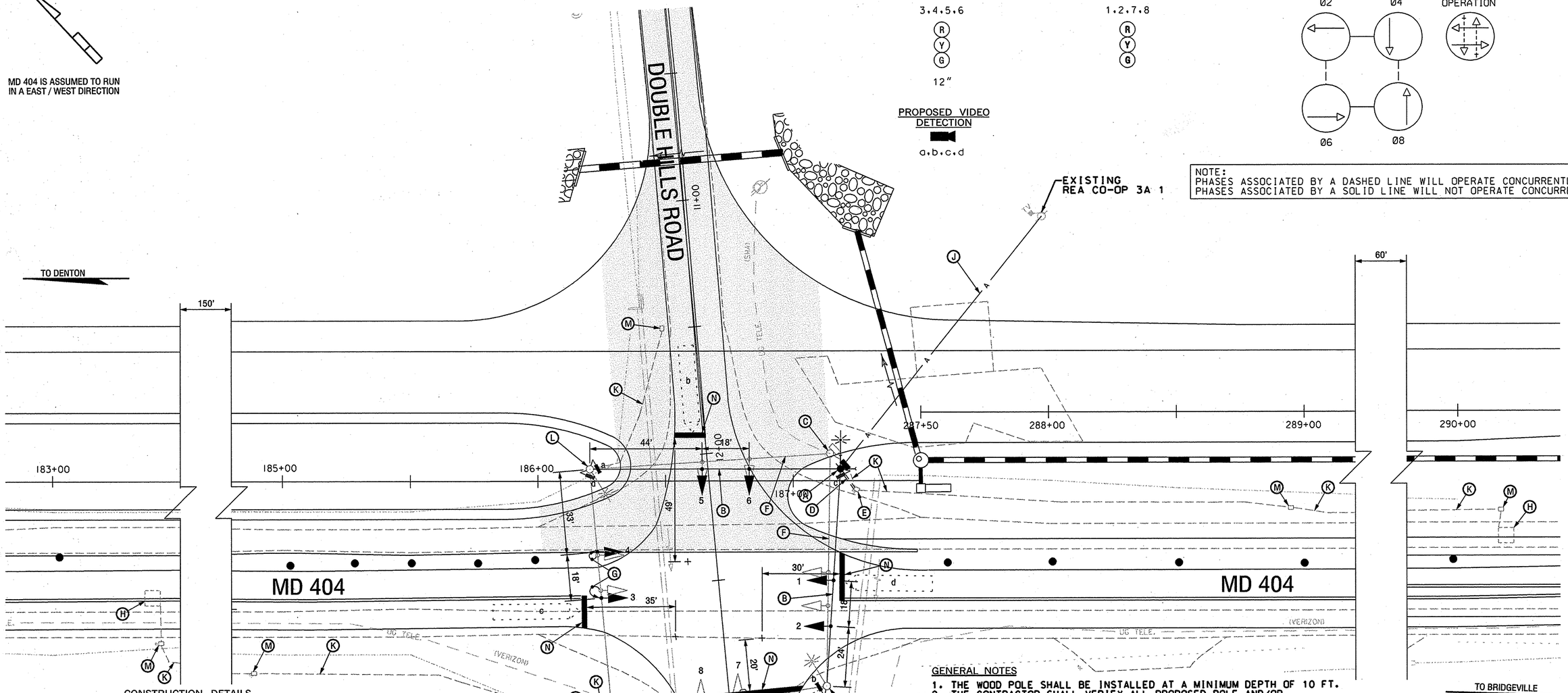
a.b.c.d

NEMA PHASING

Ø2 Ø4 Ø6 Ø8

FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. INSTALL 40 FT. WOOD POLE WITH POLE MOUNTED NEMA SIZE 5 CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR OVERHEAD SERVICE. 20 FT. LIGHTING BRAKET ARM. 250 WATT HPS LUMINAIRE WITH PHOTOCELL. OVERHEAD VIDEO DETECTION CAMERA AND BACKGUY AND ACHOR ASSEMBLIES. ONE - 3 IN. AND ONE - 2 IN. RISERS WITH WEATHERHEADS. STA. 187+18. 5' LT.

B. INSTALL 3/8 IN. SPAN WIRE WITH SIGNAL HEADS AS SHOWN.

C. REMOVE EXISTING POLE. POLE MOUNTED CONTROLLER. CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

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

E. USE EXISTING HANDHOLE.

F. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

G. REMOVE AND RELOCATE EXISTING SIGNAL HEADS AS SHOWN.

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

J. PROPOSED OVERHEAD POWER FEED. (BY OTHERS)

K. CAP AND ABANDON EXISTING CONDUIT.

L. INSTALL VIDEO DETECTION CAMERAS ON EXISTING STRAIN POLE. RE-CABLE EXISTING LUMINAIRE TO NEW DISCONNECT SWITCH.

M. REMOVE EXISTING HANDHOLE 12 IN. BELOW GRADE AND BACKFILL.

N. INSTALL 24 INCH HEAT APPLIED. WHITE PERMANENT PERFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOPLINE.

GENERAL NOTES

1. THE WOOD POLE SHALL BE INSTALLED AT A MINIMUM DEPTH OF 10 FT.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND/OR CABINET LOCATIONS PRIOR TO INSTALLATION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED IN THIS PHASE OF MOT SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
6. VIDEO CAMERA LOCATION/ PLACEMENT/ ALINGNING SHALL BE COORDINATED WITH THE MSHA ENGINEER.
7. FOR PROPOSED PAVEMENT MARKINGS OTHER THAN THOSE DETAILED ON THIS PLAN REFER TO THE MOT PLANS IN THE CONTRACT DOCUMENTS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.

JOH 6/21/06 GREENLINE REVISION 1

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

MAINTENANCE OF TRAFFIC LEGEND

WORK THIS PHASE

TEMPORARY TRAFFIC DRUM

MOT PHASE 2

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 404 @ MD 16/ DOUBLE HILLS ROAD

TEMPORARY TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 10/17/1975 CONTRACT NO. C03215270

DESIGNED BY W. MILLER
DRAWN BY A. BRUDMICHICK
CHECKED BY
F.A.P. NO.
COUNTY CAROLINE
LOGMILE 05001612.76
T.I.M.S. NO.
TOD NO.

DRAWING NO. TS-1378C
SHEET NO. OF

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

APPROVALS	REVISIONS
TEAM LEADER	© 06/ /06 ADD VIDEO DETECTION CAMERA'S SHA CONTRACT NO. C03215270 SWA
ASST. DIV.	© 04/05 SIGNAL RECONSTRUCTION SHA CONTRACT NO. C03215270 SWA
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

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