MD 279 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

13a,14b AIRPORT ROAD

13b,14a AIRPORT ROAD

19,20 23,24 DO NOT ENTER

18,22

21 TO 95 NORTH

25 NORTH MARYLAND 279

17 NORTH MARYLAND 279

16 SOUTH MARYLAND 279

15 SOUTH MARYLAND 279

EXISTING SIGNALS

1,2 4,5 — 12"

3,6 8,9 11,12 — 12"

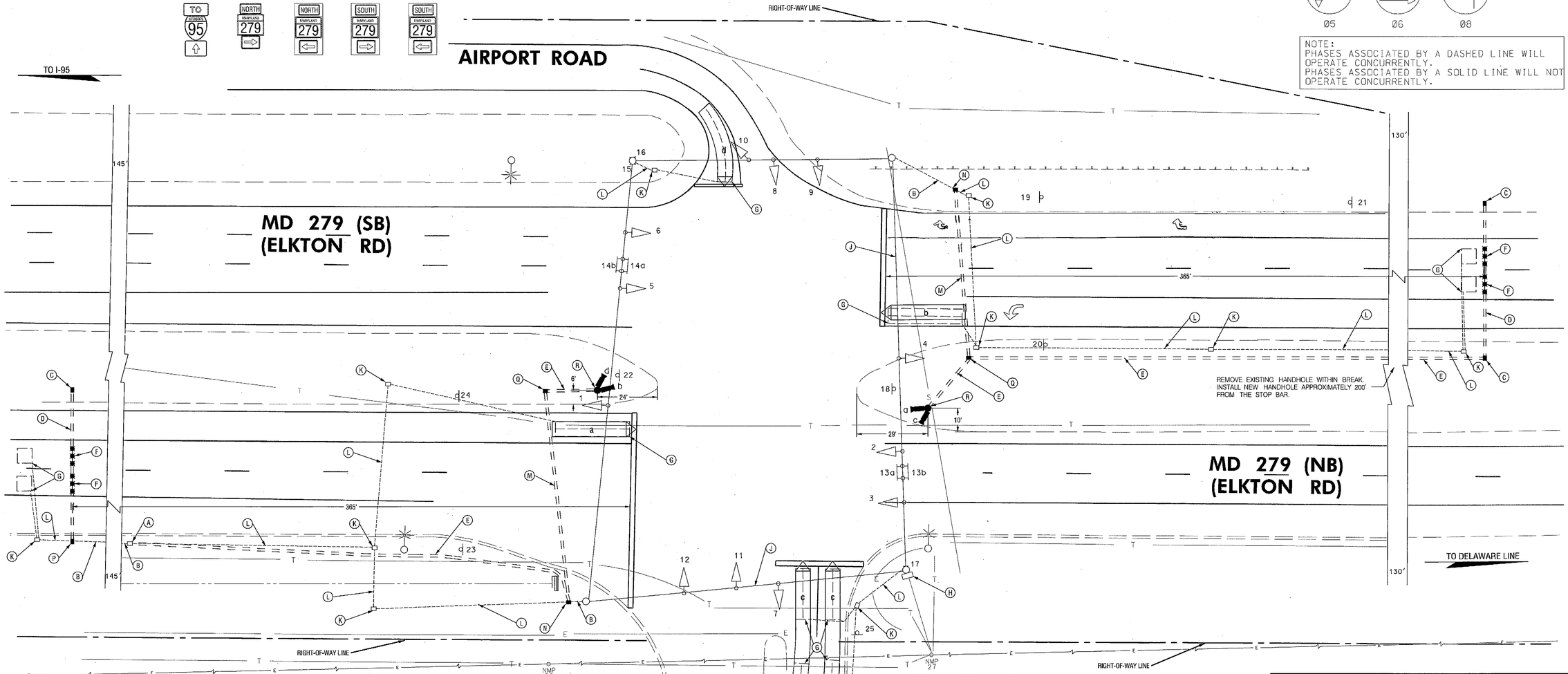
7,10 — 8"

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 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. USE EXISTING HANDHOLE.
B. USE EXISTING CONDUIT.
C. INSTALL HANDHOLE WITH THE LONG EDGE PERPENDICULAR TO THE ROADWAY AS SHOWN.
D. INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - BORED.
E. INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
F. INSTALL NON-INVASIVE PROBES (SET OF 3).
G. ABANDON EXISTING LOOP DETECTORS AND REMOVE ALL ASSOCIATED WIRING.
H. USE EXISTING CABINET AND CONTROLLER.
J. USE EXISTING SPAN WIRE.
K. REMOVE EXISTING HANDHOLE.
L. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES.
M. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - BORED.
N. LOCATE EXISTING CONDUIT AND INSTALL HANDHOLE ON EXISTING CONDUIT.
P. LOCATE EXISTING CONDUIT AND INSTALL HANDHOLE ON EXISTING CONDUIT WITH THE LONG EDGE PERPENDICULAR TO THE ROADWAY AS SHOWN.
Q. INSTALL ELECTRICAL HANDHOLE.
R. INSTALL 20 FOOT PEDESTAL POLE WITH TRANSFORMER BASE AND VIDEO DETECTION CAMERAS (NOTE: INSTALL 1-3 INCH 90° SCHEDULE 80 PVC CONDUIT).

GENERAL NOTES

1. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
2. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY SHA FORCES.
4. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
5. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.

GENERAL NOTES (CONT'D)

6. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
7. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE SHA AFTER NOTIFICATION BY THE ENGINEER.

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: Fukui

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APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

G INSTALL VIDEO DETECTION AND NONINVASIVE PROBE SETS
SHA NO. XX5625185 TIMS#L373 06/15/2012
A AS-BUILT INSTALL BLACK FACE SIGNALS ALONG MD 279
SHA NO. XX1065185 05/2004

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

MD 279 AND AIRPORT ROAD

DETECTION UPGRADE
ELKTON, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE MARCH 13, 1985 CONTRACT NO. 855-25002

DESIGNED BY
DRAWN BY W. RICHARDSON
CHECKED BY S. RENZI
F.A.P. NO.
COUNTY CECIL
LOGMILE 07027904.22
TIMS NO.
TOD NO.

TS NO. 2059B DRAWING SG-01 OF 02 SHEET NO. 03 OF 04

PLOTTED: Thursday, June 28, 2012 AT 05:02 PM
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