BELLE HILL ROAD

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

EXISTING SIGNS

13,16 LEFT TURN SIGNAL | 15,18 ONLY | 19,20 ONLY | 27 PARK & RIDE | 31 PARK & RIDE | 28,32,35 | 14A,14B 17A,17B Belle Hill RD | 22,25 Elkton RD

21 NORTH MARYLAND 279 | 23 SOUTH MARYLAND 279 | 24 SOUTH MARYLAND 279 | 26 NORTH MARYLAND 279 | 29,30,33 34,36 DO NOT ENTER

EXISTING SIGNALS

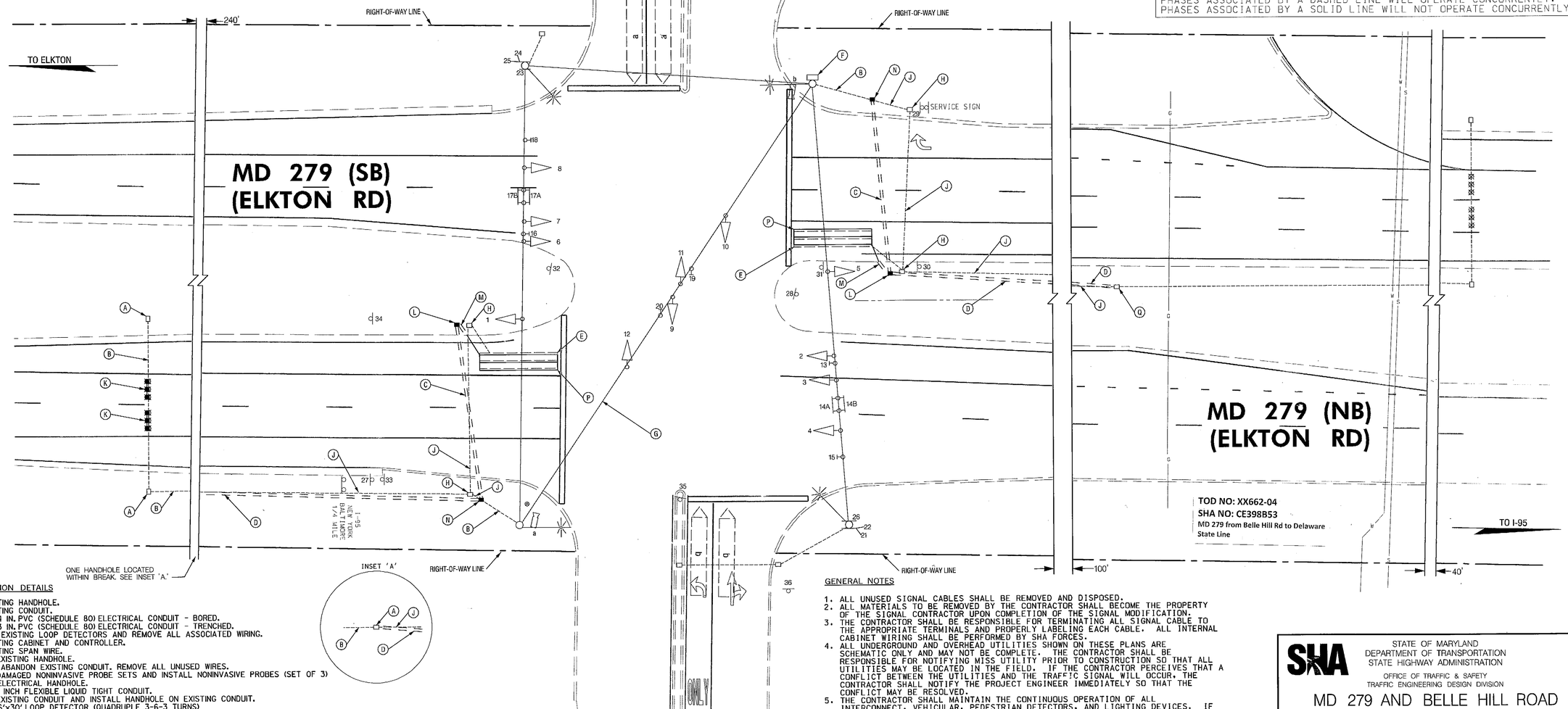
1,2,5,6 (R, Y, G) 12" | 3,4,7,8 10,12 (R, Y, G) 12" | 9,11 (R, Y, G) 12"

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6

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 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - BORED.
D. INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
E. ABANDON EXISTING LOOP DETECTORS AND REMOVE ALL ASSOCIATED WIRING.
F. USE EXISTING CABINET AND CONTROLLER.
G. USE EXISTING SPAN WIRE.
H. REMOVE EXISTING HANDHOLE.
J. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES.
K. REMOVE DAMAGED NONINVASIVE PROBE SETS AND INSTALL NONINVASIVE PROBES (SET OF 3)
L. INSTALL ELECTRICAL HANDHOLE.
M. INSTALL 1 INCH FLEXIBLE LIQUID TIGHT CONDUIT.
N. LOCATE EXISTING CONDUIT AND INSTALL HANDHOLE ON EXISTING CONDUIT.
P. INSTALL 6'x30' LOOP DETECTOR (QUADRUPLE 3-6-3 TURNS)
Q. PULL BACK EXISTING MICROLOOP PROBE LEAD-IN CABLES AND REROUTE TO EXISTING CABINET THROUGH PROPOSED 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. 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.
5. 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.

BELLE HILL ROAD

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

P REPLACE DAMAGED LOOPS
SHA NO. XX6625185 TIMS # L373 06/15/2012
RLF | JMC | RDB | MLR | CJW 7/26

E INSTALL VIDEO DETECTION AND PROBE SETS
SHA NO. XX6626186 TIMS # L034 09/2011
LTR | JMC

D INSTALL VIDEO DETECTION
SHA NO. OT2007 TIMS # L314 03/2007
LTR | JMC

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

MD 279 AND BELLE HILL ROAD
LOOP REPLACEMENT
ELKTON, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE MARCH, 1986 CONTRACT NO.

DESIGNED BY LAWS
DRAWN BY D.L. RENSHAW
CHECKED BY M. GRAHAM
F.A.P. NO.

COUNTY CECIL
LOGMILE 07027903.37
TIMS NO.
TOD NO.

TS NO. 2163 F | DRAWING SG-01 OF 02 | SHEET NO. 01 OF 04

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