## EXISTING SIGNS

19
Baltimore St
D3-2
(DUAL-FACED)
VARIABLE X 16"

20,21
ONLY
R3-5L
30"x 36"

NOTE: EXISTING SIGN NOS.19 & 20 SHALL BE RELOCATED ONTO PROPOSED SPAN WIRE.

## PROPOSED SIGNALS

1,6 — R Y G — 12"
7,8,10,11 — R Y G — 12"
9,12 — R Y G — 8"

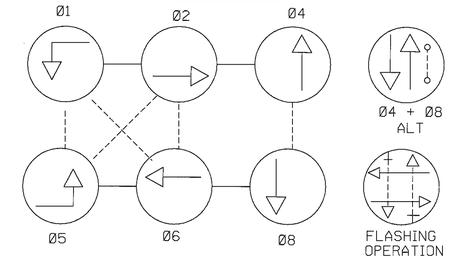
BLACKFACED AND POLYCARBONATE

## EXISTING SIGNALS

2,5 — R Y G — 12"
3,4,13,14 — R Y G — 12"
15–18 — 12"

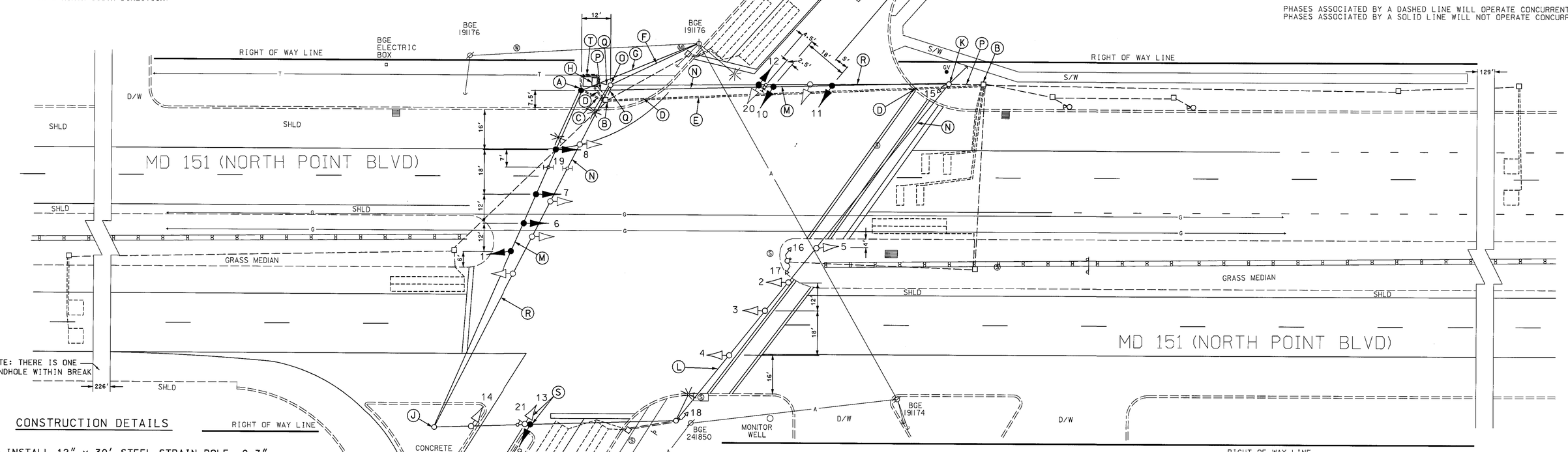
NOTE: SIGNAL HEADS NOS. 2,3,4,5,13,14 SHALL BE RELOCATED,AS SHOWN

## NEMA PHASING




PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

NOTE: MD 151 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.




## CONSTRUCTION DETAILS

A. INSTALL 12" x 30' STEEL STRAIN POLE, 2-3" WEATHERHEADS, CONTROL AND DISTRIBUTION EQUIPMENT, 20' LIGHTING ARM WITH 250W-HPS LUMINAIRE.(NOTE: 1-3" & 1-2" PVC(SCH 80)BENDS).

B. USE EXISTING HANDHOLE.

C. INSTALL 3" PVC (SCH 80) ELECTRICAL CONDUIT,TRENCHED.

D. INSTALL 4" PVC (SCH 80) ELECTRICAL CONDUIT,TRENCHED

E. INSTALL 4" PVC (SCH 80) ELECTRICAL CONDUIT,SLOTTED.

F. DISCONNECT THE EXISTING OVERHEAD SERVICE.

G. OVERHEAD SERVICE TO PROPOSED POLE IN SAME QUADRANT TO BE INSTALLED BY BGE.

H. USE EXISTING CONTROLLER AND CABINET, DISCONNECT THE CABLES TO BE PULLED BACK. INSTALL 4" & 2" PVC (SCH 80) BENDS INTO THE EXISTING CONCRETE BASE. RE-CONNECT THE CABLES AND REPLACE THE SERVICE.

J. USE EXISTING POLE 'RAKED' BACK TO COUNTER THE WEIGHT OF THE DOUBLE SPANS. PULL BACK THE PEDESTRIAN WIRING AND LOOP CABLES, RE-ROUTE TO NEW SPAN.

K. USE EXISTING 12" x 30' STEEL STRAIN POLE, BACK GUY TO COUNTER THE WEIGHT OF THE DOUBLE SPANS. THE SIGNAL CABLES SHALL BE CUT AND REMOVED. THE PEDESTRIAN SIGNAL WIRING, LOOP AND CAMERA CABLES SHALL BE PULLED BACK TO THE ADJOINING HANDHOLE AND RE-ROUTED THROUGH THE CONDUIT INTO THE CONTROLLER CABINET.

## CONSTRUCTION DETAILS cont.

L. USE EXISTNG SPAN, RELOCATE SIGNAL HEADS AS SHOWN AND WIRE TO THE CONTROLLER (SEE: WIRING DIAGRAM)

M. INSTALL 3/8" DIA STEEL SPAN WIRE, SIGNAL HEADS AND RELOCATED SIGN. TETHER EQUIPMENT WITH 1/4" DIA. SPAN WIRE.

N. CUT AND REMOVE SIGNAL CABLES FROM EXISTING SPAN PROVIDING LESS CABLES TO BE PULLED BACK.

O. REMOVE POLE AND ALL ATTACHED EQUIPMET, REMOVE FOUNDATION 12" BELOW GRADE.

P. USE EXISTING CONDUIT.

Q. REMOVE AND/OR CAP AND ABANDON EXISTING CONDUIT.

R. REMOVE EXISTING SPAN AND EQUIPMENT, RELOCATE THE SIGN, AS SHOWN.

S. USE EXISTING SPAN WIRE ,RELOCATE EXISTING SIGNAL HEAD AND INSTALL NEARSIDE SIGNAL HEAD, AS SHOWN.

T. INSTALL 2" PVC (SCH 80) ELECTRICAL CONDUIT,TRENCHED.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.
3. The contruction shall be staged with a minimum amount of Traffic Signal Operation "down-time".

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

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(410)-884-3607

| REVISIONS | | |
|---|---|---|
| C | REWIRE INTERSECTION REPLACED POLE BY CABINET DUE TO ACCIDENT. SHA NO. 2786370303 | 8-26-02 |
| EMM | | |
| D | ASBUILT FOR RED LIGHT CAMERA INSTALLATION. | 3-24-00 |
| RRZ | | |
| C | REPLACED FAILED LOOP DETECTION 855-25032080 | 5-91 |
| RCS | | |
| B | S TO E BOUND LOOP REPLACED 8-327X-000-485 | 9-14-75 |
| WDB | | |

APPROVALS
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN SHEET
MD 151 (NORTH POINT BLVD) AND BALTIMORE STREET

| | | | |
|---|---|---|---|
| DRAWN BY: B. THOMPSON | F.A.P. NO. | TS NO. 920 E | SHEET NO. |
| CHECKED BY: A. BUDNICHUCK | S.H.A. NO. | | 1 OF 2 |
| SCALE: 1"= 20' | COUNTY: BALTIMORE | T.I.M.S. NO. F440 | |
| DATE: 12-12-74 | LOG MILE: 03015107.28 | | |

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