

MD 202E IS CONSIDERED TO RUN IN A NORTH/SOUTH DIRECTION.

30.31  
BRIGHTSEAT RD  
D-3(2)  
VAR. X16"  
(Dual Faced)

24.29  
ONLY  
R3-5(R)  
30"x36"

25  
PUSH BUTTON TO CROSS BRIGHTSEAT ROAD  
R10-3(1)  
9' x 15'

26  
PUSH BUTTON TO CROSS BRIGHTSEAT ROAD  
R10-3(1)  
9' x 15'

TEMPORARY SIGN  
27.28  
D95-25  
24" x 24"  
NEW  
W3-3  
48" x 48"

18,19,20,21  
ONLY OR  
R3-5(L)  
30"x36"

22  
ONLY OR  
R3-6(L)  
30"x36"

23  
ONLY OR  
R3-5(R)  
30"x36"

FIBER - OPTICAL SIGN DISPLAY CHART

SIGN NO	18,19,20,21	22	23
NORMAL	ONLY	ONLY	ONLY
PRE - EVENT	ONLY	ONLY	ONLY
POST EVENT	ONLY	ONLY	ONLY

ENTRANCE TO BRIGHTSEAT PROPERTY

PROPOSED SIGNALS

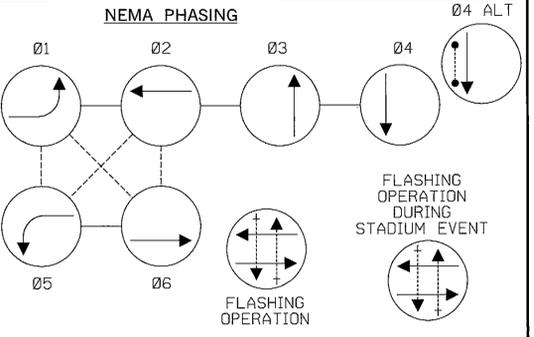
1,2,3, 6,7  
8" R  
12" Y  
12" G  
L.E.D.

4,5,8, 9,12,15,16  
8" R  
8" Y  
12" G  
L.E.D.

10,13  
12" R  
12" Y  
12" G  
L.E.D.

11,14  
12" R  
12" Y  
12" G  
L.E.D.

16,17  
16" LED COUNTDOWN PEDESTRIAN SIGNAL



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

- CONSTRUCTION DETAILS
- A. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, 20 FT. LIGHTING ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
  - B. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, AND VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
  - C. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
  - D. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. INSTALL NEW INTERCONNECT CABLE FROM THIS CABINET TO EXISTING CABINET AT SHERIFF ROAD (NOTE: TWO-2 IN. PVC, AND TWO-4 IN. PVC SCHEDULE 80 CONDUIT BENDS).
  - E. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, 20 FT. LIGHTING ARM, SIGN, 250 WATT HPS LUMINAIRE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PEDESTRIAN PUSHBUTTON, AND VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
  - F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - H. USE EXISTING HANDHOLE AND PULL BACK EXISTING INTERCONNECT CABLE FROM SHERIFF ROAD AND RE-ROUTE THROUGH PROPOSED CONDUIT TO NEW BASE MOUNTED CABINET.
  - J. INSTALL HANDHOLE.
  - K. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
  - L. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - M. INSTALL GROUND MOUNTED SIGN.
  - N. USE EXISTING HANDHOLE.
  - O. USE EXISTING CONDUIT.
  - P. REMOVE/REPLACE SIDEWALK FOR CONDUIT INSTALLATION.
  - Q. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE.
  - R. REMOVE EXISTING GROUND MOUNTED SIGN.
  - S. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
  - T. INSTALL INVASIVE MICROLOOP PROBE (SET OF 3).
  - U. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).
  - V. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - W. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED WITH PULL-STRING FOR SERVICE CABLE.
  - X. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED WITH PULL-STRING FOR SERVICE CABLE.
  - Y. INSTALL 4 IN. PVC RISER ON EXISTING PEPCO UTILITY POLE FOR ELECTRICAL SERVICE.
  - Z. INSTALL NEW INTERCONNECT CABLE TO SHERIFF ROAD USING EXISTING CONDUIT RUN.
  - a. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
  - b. INSTALL 10 FT. STEEL PEDESTAL POLE ON BREAKAWAY TRANSFORMER BASE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PEDESTRIAN PUSHBUTTON, AND PUSHBUTTON SIGN. (NOTE: ONE 3 IN. PVC SCH 80 CONDUIT BEND).
  - c. ABANDON EXISTING CONDUIT.
  - d. TRENCH 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED DURING CONSTRUCTION.

LANDOVER CROSSING SHOPPING CENTER SOUTH ACCESS

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

GENERAL NOTES ON SHEET 2 OF 2

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"Merging Innovation and Excellence"

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

APPROVALS

TEAM LEADER  
ASSISTANT CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

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

MD 202E AT ENTRANCE TO BRIGHTSEAT PROPERTY

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE JULY 25, 2011 CONTRACT NO. BW996M82

DESIGNED BY JOHN DIRNDORFER COUNTY PRINCE GEORGES  
DRAWN BY JOHN DIRNDORFER LOGMILE 16202E01.47  
CHECKED BY CTS TMS NO. I-917  
F.A.P. NO. N/A TOD NO. N/A

TS NO. 4707 DRAWING - OF SHEET NO. 1 OF 2

PLOTTED: Tuesday, July 26, 2011 AT 09:22 AM  
FILE: F:\2009\0105-0031\025\SHA Approved TS - PM Plans\TS\_MD202E.dgn