

MD 182 (LAYHILL ROAD) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

45.46 25.29

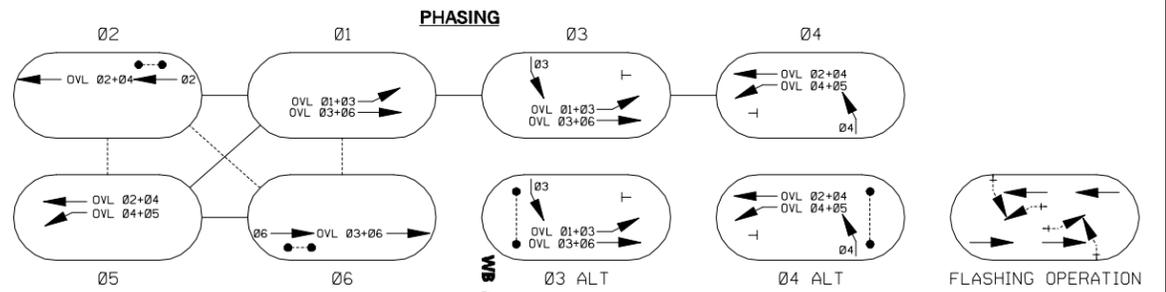
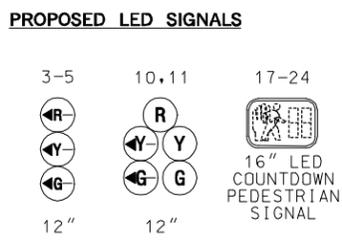
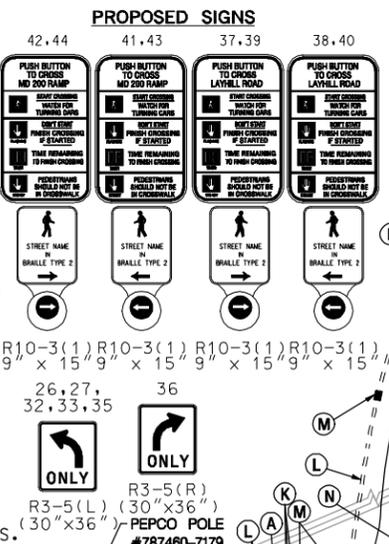
NEW

D95-25 (24"X24") W3-3 (36"X36")

R3-2 (30"X30")

R3-1 (30"X30")

NOTE: FOR CROSSWALK, SHIELD ASSEMBLY, AND OTHER INTERSECTION-RELATED SIGNING, REFER TO SIGNING AND PAVEMENT MARKING PLANS.



Layhill RD (14800) D-3(1) (VAR. X16") 34

Layhill RD (14800) D-3(1) (VAR. X16") 34

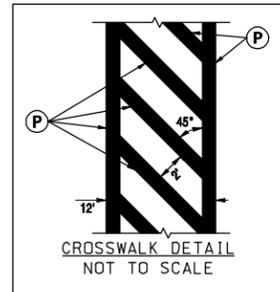
TO MD 97

CONSTRUCTION DETAILS

- A. INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON BASE UNIT. (NOTE: TWO-2 IN. AND THREE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS IN BASE) STA. 309+64, 51' LT.
- B. INSTALL 200 AMP METEDED SERVICE PEDESTAL. (NOTE: ONE-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS IN BASE)
- C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 15 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, AND OVERHEAD VIDEO DETECTION CAMERAS MOUNTED ON MAST ARMS. (NOTE: ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 309+88, 0' OFFSET.
- D. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 15 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, AND OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. (NOTE: ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 600+56, 30' LT.
- E. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, SIGN, 20 FT. LIGHTING ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 660+60, 51' LT.
- F. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS LAYHILL ROAD"), AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRILLE ON FACE PLATE. (NOTE: ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 652+45, 62' RT.
- G. INSTALL CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS MD 200 RAMP"), AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRILLE ON FACE PLATE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 600+53, 38' RT., STA. 600+65, 19' LT., STA. 660+61, 26' RT., STA. 660+63, 21' LT.

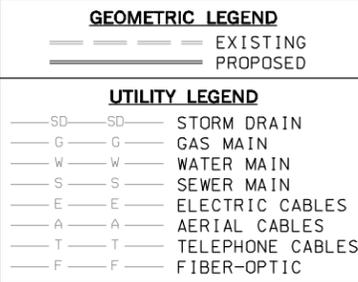
MD 200 Constructors
a Joint Venture

ISSUED FOR CONSTRUCTION
Date: 7/30/10 Initials: JM



FOR DETAILS ON INTERCONNECT, REFER TO INTERCONNECT PLANS (P&S OF C006 AND C007).

- H. INSTALL CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS LAYHILL ROAD"), AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRILLE ON FACE PLATE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 315+54, 50' LT., STA. 660+49, 38' RT., STA. 707+40, 45' RT.
- J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- L. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- M. INSTALL HANDHOLE.
- N. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- P. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
- R. INSTALL GROUND MOUNTED SIGN ON A SINGLE WOOD (4 IN. X 6 IN.) SUPPORT.
- S. USE 3 INCH CONDUIT IN BRIDGE PARAPET (REFER TO BRIDGE PLANS FOR DETAILS).
- T. CONNECT CONDUIT END TO CONDUIT BEND AT WING WALL. (REFER TO BRIDGE PLANS FOR DETAILS).
- V. INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 TURNS).
- W. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- Y. NOT USED.



MD 200 Constructors
a Joint Venture

11710 BELTSVILLE DRIVE • BELTSVILLE, MARYLAND 20705
301-755-2200

| APPROVALS | REVISIONS |
|------------------|-----------------|
| TEAM LEADER | 0 SDSTS-LAY-FIN |
| ASST. DIV. CHIEF | 1 NDC-054 |
| DIVISION CHIEF | 2 NDC-065 |
| OFFICE DIRECTOR | |

SUBMITTAL

SDSTS-LAY-FIN1

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 182 (LAYHILL ROAD)
AT THE MD 200 (ICC) RAMPS
LAYHILL, MARYLAND

| TRAFFIC SIGNAL PLAN | | | |
|---------------------------|---------------------|------------------------|----|
| SCALE 1" = 30' | DATE JANUARY 2009 | CONTRACT NO. AT3765980 | |
| DESIGNED BY A. GRIFFIN | COUNTY MONTGOMERY | | |
| DRAWN BY A. GRIFFIN | LOGMILE 16018202.86 | | |
| CHECKED BY K. RINKER | TIMS NO. K129 | | |
| F.A.P. NO. AC-NH-ICC-1(M) | TOD NO. | | |
| TS NO. 4880 | DRAWING pSG OF P003 | SHEET NO. | OF |

PLOTTED: 10:38 AM WEDNESDAY, JUNE 23, 2010 AT 10:38 AM
FILE: C:\PW_WORKING_XM\PTG\C0038660\PSG-P003-1-CC-B-MD182.DGN