



MD 223 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

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

**SPECIAL NOTES:**

1. THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF PROPOSED SIGNAL HEADS AND SIGNAL POLE. IF NEW INSTALLATION CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS OR SPAN WIRES, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.

**GENERAL NOTES**

1. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
6. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
7. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.

**CONSTRUCTION DETAILS**

- A. INSTALL CONCRETE FOUNDATION WITH A 12 IN. X 30 FT. STEEL STRAIN POLE WITH SPAN WIRE. (INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE).
- B. INSTALL 3/8 IN. STEEL SPAN WIRE, SIGNAL HEADS, RELOCATED SIGNS AND 1/4 IN. TETHER SPAN WIRE. (NOTE: BOTTOM TETHER SIGNAL HEADS AND SIGNS TO 1/4 IN. TETHER WIRE)
- C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- D. CAP AND ABANDON EXISTING CONDUIT.
- E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- F. USE EXISTING CABINET AND CONTROLLER.
- G. USE EXISTING HANDHOLE.
- H. USE EXISTING CONDUIT.
- I. REMOVE EXISTING STRAIN POLE AND RELOCATE EXISTING SHIELD ASSEMBLY SIGNS AS SHOWN. REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- J. REMOVE EXISTING SPAN WIRE AND SIGNAL HEADS AND RELOCATE EXISTING SIGN AS SHOWN.
- K. USE EXISTING HANDHOLE. SPLICE NEW 2-CONDUCTOR (NO. 14 A.W.G.) ALUMINUM SHIELDED ELECTRICAL CABLE TO EXISTING LOOP WIRE (NO. 14 A.W.G.).
- L. INSTALL RELOCATED ASSOCIATED SHIELD ASSEMBLY SIGNS TO EXISTING STRAIN POLE.
- M. RELOCATE EXISTING SPAN WIRE - MOUNTED SIGN.
- N. REMOVE EXISTING SPAN WIRE - MOUNTED SIGN.

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

|              |       |    |       |
|--------------|-------|----|-------|
| AERIAL CABLE | _____ | A  | _____ |
| ELECTRICAL   | _____ | E  | _____ |
| TELEPHONE    | _____ | T  | _____ |
| GAS          | _____ | G  | _____ |
| SEWER        | _____ | SS | _____ |
| STORM DRAIN  | _____ | SD | _____ |
| WATER        | _____ | W  | _____ |
| CABLE TV     | _____ | TV | _____ |

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**APPROVALS**

|                  |                    |
|------------------|--------------------|
| TEAM LEADER      | <i>[Signature]</i> |
| ASST. DIR. CHIEF | <i>[Signature]</i> |
| DIVISION CHIEF   | <i>[Signature]</i> |
| OFFICE DIRECTOR  | <i>[Signature]</i> |

**REVISIONS**

|   |   |            |
|---|---|------------|
| ① | REPLACE DAMAGED SIGNAL POLE<br>SHA NO. AT 782-5186                              | 10/06/2006 |
| ② | ADD E/P LEFT TURNS - SPLIT SIDE STREETS, CROSSWALKS AND INDICATION (TIMS #E574) | 6/01       |
| ③ | RECONSTRUCT DUE TO GEOMETRICS   | 4/89       |

**TOD NO: AT782-61**  
**SHA No.: 23863T16181**  
**MD 223 @ Pine View Lane**

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 223 (Woodyard Road) and  
Pine View Lane

**TRAFFIC SIGNALIZATION PLAN**

SCALE 1" = 20' DATE 8/1976 CONTRACT NO. \_\_\_\_\_

DESIGNED BY \_\_\_\_\_ COUNTY PRINCE GEORGE'S  
DRAWN BY J. GORDON LOGMILE 16022307.33  
CHECKED BY A. BUNDNICHUK TIMS NO. I124  
FAP NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

TS NO. 1196D DRAWING - OF SHEET NO. 1 OF 2