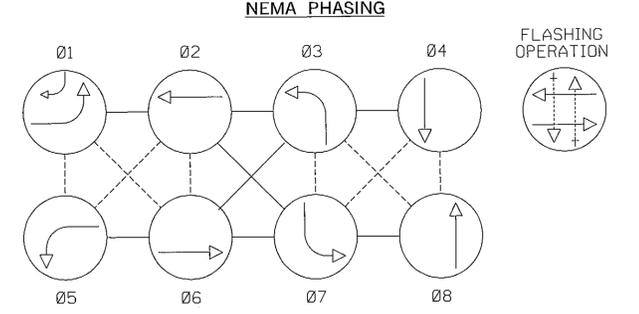
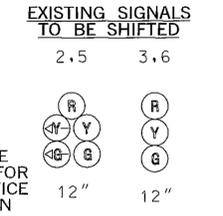
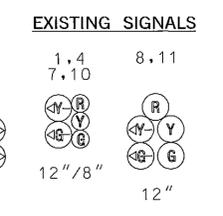
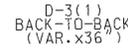
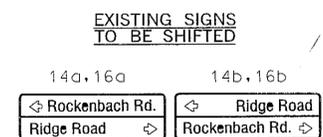
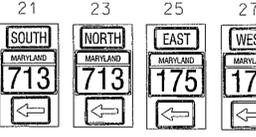


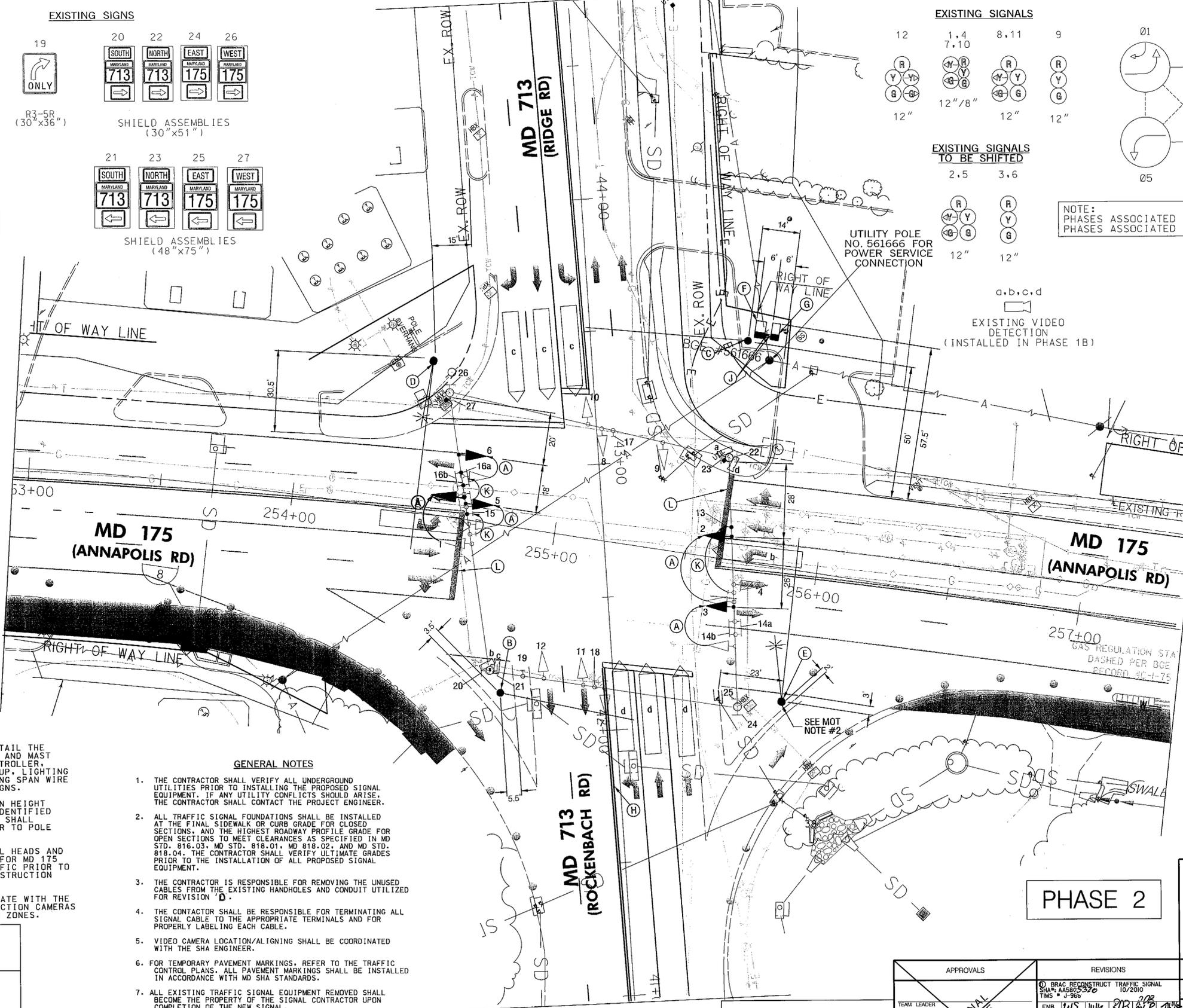
MD 175 (ANNAPOLIS ROAD) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.



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

CONSTRUCTION DETAILS

- A. REPOSITION EXISTING SIGNAL HEADS ON SPAN WIRE WITH NEW HANGER TO ALIGN WITH TEMPORARY TRAVEL LANES.
- B. INSTALL 27' STEEL POLE WITH 50' MAST ARM (NOTE: 1-3" 90° PVC BEND).
- C. INSTALL 27' STEEL POLE WITH 60' MAST ARM (NOTE: 1-3" 90° PVC BEND).
- D. INSTALL 27' STEEL POLE WITH 70' MAST ARM AND 20' LIGHTING ARM WITH 250 WATT HPS LUMINAIRE. (NOTE: 1-3" 90° PVC BEND).
- E. INSTALL 27' STEEL POLE WITH 60' MAST ARM AND 20' LIGHTING ARM WITH 250 WATT HPS LUMINAIRE. (NOTE: 1-3" 90° PVC BEND).
- F. INSTALL NEMA SIZE 6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT PRIOR TO MOT PHASE 3 CONSTRUCTION.
- G. INSTALL NEMA SIZE 5" BASE MOUNTED CABINET FOR BATTERY BACKUP WITH ALL THE NECESSARY EQUIPMENT PRIOR TO MOT PHASE 3 CONSTRUCTION.
- H. TEMPORARY DOUBLE YELLOW PAVEMENT MARKING LINE (SEE TRAFFIC CONTROL PLANS).
- J. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED.
- K. REPOSITION EXISTING SIGNS ON SPAN WIRE WITH NEW HANGER TO ALIGN WITH TEMPORARY TRAVEL LANES.
- L. TEMPORARY STOPLINE (SEE TRAFFIC CONTROL PLANS).



- MOT PHASE 2 NOTES**
- PHASE 2 CONSTRUCTION WILL ENTAIL THE INSTALLATION OF SIGNAL POLES AND MAST ARMS, SIGNAL CABINET AND CONTROLLER, CABINET FOR THE BATTERY BACKUP, LIGHTING AND THE RELOCATION OF EXISTING SPAN WIRE-MOUNTED SIGNAL HEADS AND SIGNS.
 - POLE PLACEMENT AND FOUNDATION HEIGHT ARE CRITICAL FOR LOCATIONS IDENTIFIED ON THIS PLAN. THE CONTRACTOR SHALL CONFIRM THE FINAL GRADE PRIOR TO POLE INSTALLATION.
 - SHIFT EXISTING TRAFFIC SIGNAL HEADS AND SIGNS AS SHOWN ON THIS PLAN FOR MD 175 EASTBOUND AND WESTBOUND TRAFFIC PRIOR TO THE START OF MOT PHASE 2 CONSTRUCTION ACTIVITIES.
 - THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO ALIGN VIDEO DETECTION CAMERAS TO THE APPROPRIATE DETECTION ZONES.

- GENERAL NOTES**
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING THE PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 - ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, AND THE HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS TO MEET CLEARANCES AS SPECIFIED IN MD STD. 816.03, MD STD. 818.01, MD 818.02, AND MD STD. 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL PROPOSED SIGNAL EQUIPMENT.
 - THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE UNUSED CABLES FROM THE EXISTING HANDHOLES AND CONDUIT UTILIZED FOR REVISION 'D'.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND FOR PROPERLY LABELING EACH CABLE.
 - VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
 - FOR TEMPORARY PAVEMENT MARKINGS, REFER TO THE TRAFFIC CONTROL PLANS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MD SHA STANDARDS.
 - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.

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

PHASE 2

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 175 (ANNAPOLIS ROAD) AT
 MD 713 (ROCKENBACH ROAD/RIDGE ROAD)
 HANOVER, MD

MOT PHASE 2 - TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 3/17/97S CONTRACT NO. AA 175-501-585

DESIGNED BY D. ZAFIRIS COUNTY ANNE ARUNDEL
 DRAWN BY A. BUDNICHUH LOGMILE 02017507.31
 CHECKED BY _____ TMS NO. G533
 F.A.P. NO. _____ TOD NO. _____

TS NO. 1295D DRAWING SG-05.2 OF 26 SHEET NO. 125 OF 195

APPROVALS

TEAM LEADER
 ASST. DIV. CHIEF
 DIVISION CHIEF
 OFFICE DIRECTOR

REVISIONS

D BRAC RECONSTRUCT TRAFFIC SIGNAL
 SHA# AA5805320 10/2010
 TMS # J-965

ENB WJS 11/13/03
 C 8/2004 - REPLACE ALL SIGNAL HEADS
 W/BLACK FACED; ADD NEAR-SIDE SIGNAL HEADS
 SHA# AT6825195

WM DAZ MAR 2003 BRK
 B 9/1989 - REPLACE DETECTION ON S/B MD 713 DUE TO WIDENING

WM MAR DAZ BRK JH

CENTURY ENGINEERING
 CONSULTING ENGINEERS - PLANNERS
 10710 GILROY ROAD
 HUNT VALLEY, MD 21031
 REVISION 'D' 23299.36