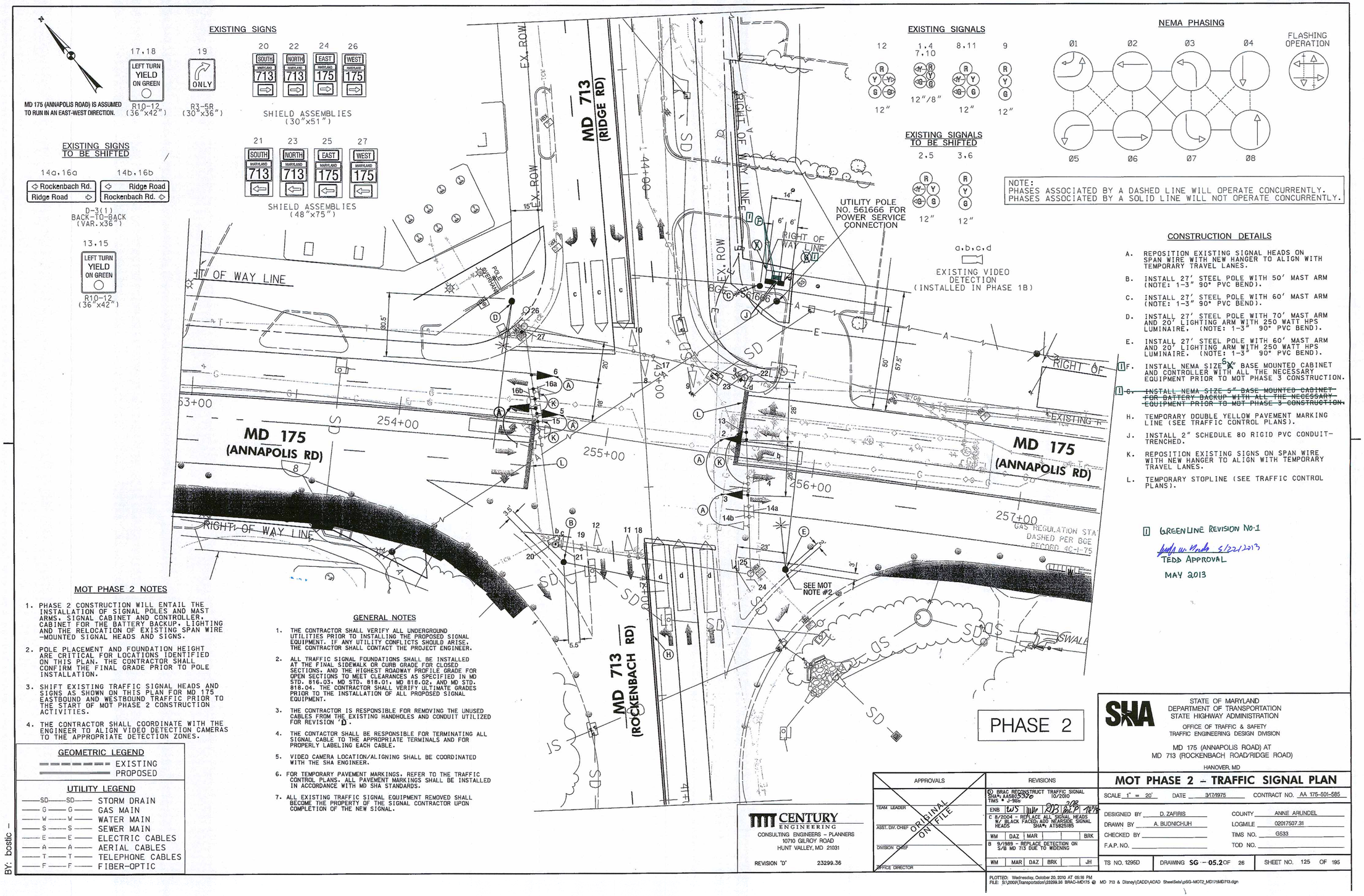

CONSTRUCTION DETAILS

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).

1 F. INSTALL NEMA SIZE 5X BASE MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT PRIOR TO MOT PHASE 3 CONSTRUCTION.

1 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).

I GREENLINE REVISION NO.1

Jeffrey W. Marks 5/22/2013
TEDD APPROVAL
MAY 2013

MOT PHASE 2 NOTES

1. 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.
2. POLE PLACEMENT AND FOUNDATION HEIGHT ARE CRITICAL FOR LOCATIONS IDENTIFIED ON THIS PLAN. THE CONTRACTOR SHALL CONFIRM THE FINAL GRADE PRIOR TO POLE INSTALLATION.
3. 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.
4. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO ALIGN VIDEO DETECTION CAMERAS TO THE APPROPRIATE DETECTION ZONES.

GENERAL NOTES

1. 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.
2. 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.
3. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE UNUSED CABLES FROM THE EXISTING HANDHOLES AND CONDUIT UTILIZED FOR REVISION 'D'.
4. THE CONTACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND FOR PROPERLY LABELING EACH CABLE.
5. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
6. FOR TEMPORARY PAVEMENT MARKINGS, REFER TO THE TRAFFIC CONTROL PLANS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MD SHA STANDARDS.
7. 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

STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC

PHASE 2

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

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

D 8/2004 – REPLACE ALL SIGNAL HEADS W/ BLACK FACED; ADD NEARSIDE SIGNAL HEADS SHA#1 AT5825185

WM	DAZ	MAR			BRK

B 9/1989 – REPLACE DETECTION ON S/B MD 713 DUE TO WIDENING

WM	MAR	DAZ	BRK		JH

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 3/7/1975 CONTRACT NO. AA 175-501-585

DESIGNED BY D. ZAFIRIS
DRAWN BY A. BUDNICHUH
CHECKED BY
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02017507.31
TIMS NO. G533
TOD NO.

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

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BY: bostic