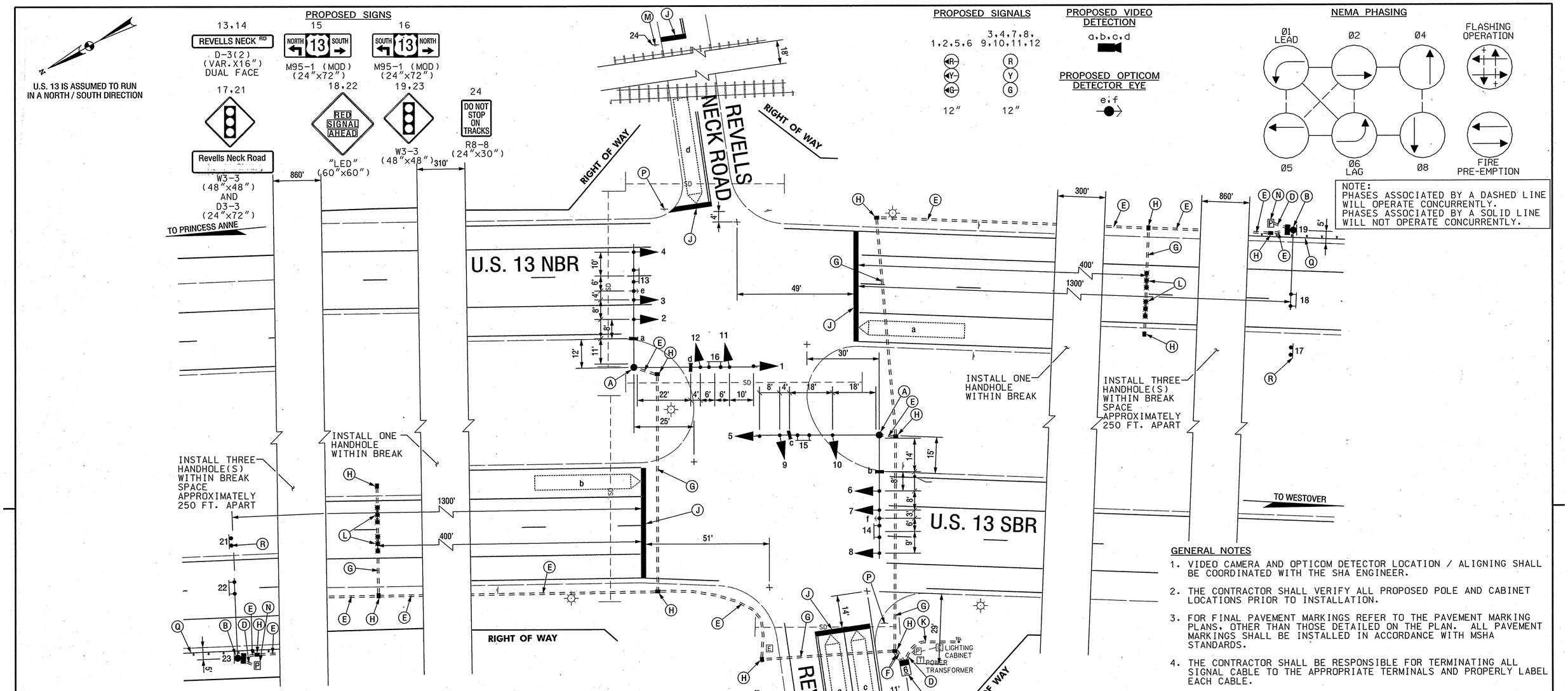

GENERAL NOTES

1. VIDEO CAMERA AND OPTICOM DETECTOR LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE 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.

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 AND 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, OPTICOM EYE AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
B. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE (60 SERIES) WITH 60 FT. MAST ARM (CUT DOWN TO 32 FT.) WITH G-TYPE CABINET AND RED LED SIGNAL AHEAD SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
C. INSTALL CONCRETE FOUNDATION WITH A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS)
D. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FROM EXISTING METERED SERVICE PEDESTAL FOR ELECTRICAL UNDERGROUND SERVICE - TRENCHED.
E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
H. INSTALL HANDHOLE.
J. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
K. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. (FOR TELEPHONE SERVICE)
L. INSTALL NON-INVASIVE PROBES WITH 1000 FT. LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY)
M. INSTALL A R8-8 SIGN ON EXISTING GROUND MOUNTED SUPPORT(S) AS SHOWN ON PLAN.
N. INSTALL 200 AMP METERD SERVICE PEDESTAL.
P. REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORT(S).
Q. INSTALL TRAFFIC BARRIER W BEAM 150 FT. LONG WITH TYPE C END TREATMENT. (MD. STD. NO. 605.22)
R. INSTALL WOOD POST (4 IN. X 6 IN.) WITH SIGNS (W3-3 AND D3-3) GROUND MOUNTED.

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

- SD — STORM DRAIN
- G — GAS MAIN
- W — WATER MAIN
- SAN — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- T — TELEPHONE CABLES
- FO — FIBER-OPTIC

BY: lyeh

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APPROVALS	REVISIONS
DIV. LEADER	
ASST. DIV. CHIEF 6-9-05	
DIVISION CHIEF 6/9/05	
OFFICE DIRECTOR 6/13	

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

U.S. ROUTE 13 AT REVELLS NECK ROAD

PRINCESS ANNE, MARYLAND

SIGNAL PLAN

SCALE 1"=20' DATE 05/02/05 CONTRACT NO. AT3555185

DESIGNED BY C.FLEMING
DRAWN BY C.FLEMING
CHECKED BY S. RENZI
F.A.P. NO.
COUNTY SOMERSET
LOGMILE 19001309.73
T.I.M.S.-NO. G737
TOD NO.

DRAWING NO. TS4422 SHEET NO. 1 OF 2

PLOTTED: Tuesday, June 07, 2005 AT 02:24 PM
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