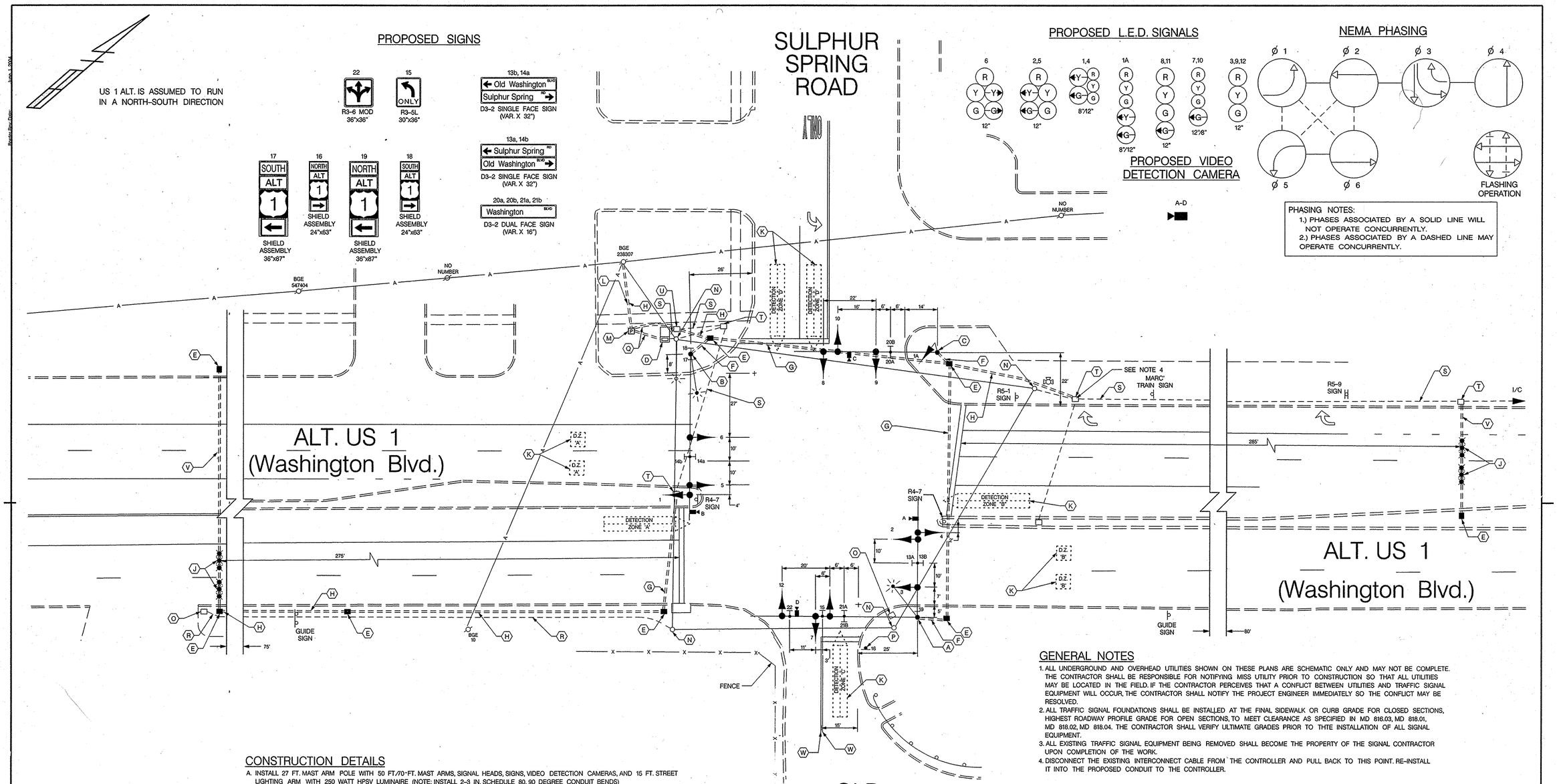

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. 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 CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THTE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
4. DISCONNECT THE EXISTING INTERCONNECT CABLE FROM THE CONTROLLER AND PULL BACK TO THIS POINT. RE-INSTALL IT INTO THE PROPOSED CONDUIT TO THE CONTROLLER.

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH 50 FT./70-FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
C. INSTALL 21 FT. STEEL POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
D. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. INSTALL VIDEO INTERFACE EQUIPMENT (NOTE: INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
E. INSTALL ELECTRICAL HANDHOLE
F. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – TRENCHED
G. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – BORED
H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – TRENCHED
J. INSTALL NON-INVASIVE MICRO-LOOP PROBE
K. VIDEO DETECTION ZONE
L. PROPOSED UNDERGROUND ELECTRIC SERVICE
M. INSTALL METER SERVICE PEDESTAL
N. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT
O. REMOVE EXISTING HANDHOLE
P. INSTALL ASSOCIATED SHIELD ASSEMBLY ON TWO 4 IN. X 6 IN. WOOD POSTS
Q. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – TRENCHED
R. CAP AND ABANDON EXISTING CONDUIT
S. USE EXISTING CONDUIT
T. USE EXISTING HANDHOLE
U. REPLACE HANDHOLE FRAME AND COVER, ADJUST TO GRADE
V. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – BORED
W. INSTALL 5 IN. HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC MARKING LINE (50 FT. LENGTH)

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

DRILL HOLES

TOD NO: AT913-11
SHA NO: BA649A52/B52
US 1 ALT: SULPHUR SPRING TO VICTORY LANE

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APPROVALS: TEAM LEADER / ASST. DIV. CHIEF / DIVISION CHIEF / OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS: (E) RECONSTRUCT SIGNAL AND INSTALL INTERCONNECT 10-3-07 — SHA NO: AT9135185 — TMZ

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

TRAFFIC SIGNAL PLAN US 1 ALT. AND SULPHUR SPRING ROAD

SCALE	1" = 20'	DATE	2-15-74
CONTRACT NO.	AT9135185		
DESIGNED BY		COUNTY	BALTIMORE
DRAWN BY	B. THOMPSON	LOGMILE	03A00101.52
CHECKED BY	C. K. DODGE	T.I.M.S. NO.	G 822
F.A.P. NO.		TOD NO.	
DRAWING NO.	TS-478E	SHEET NO.	1 OF 6