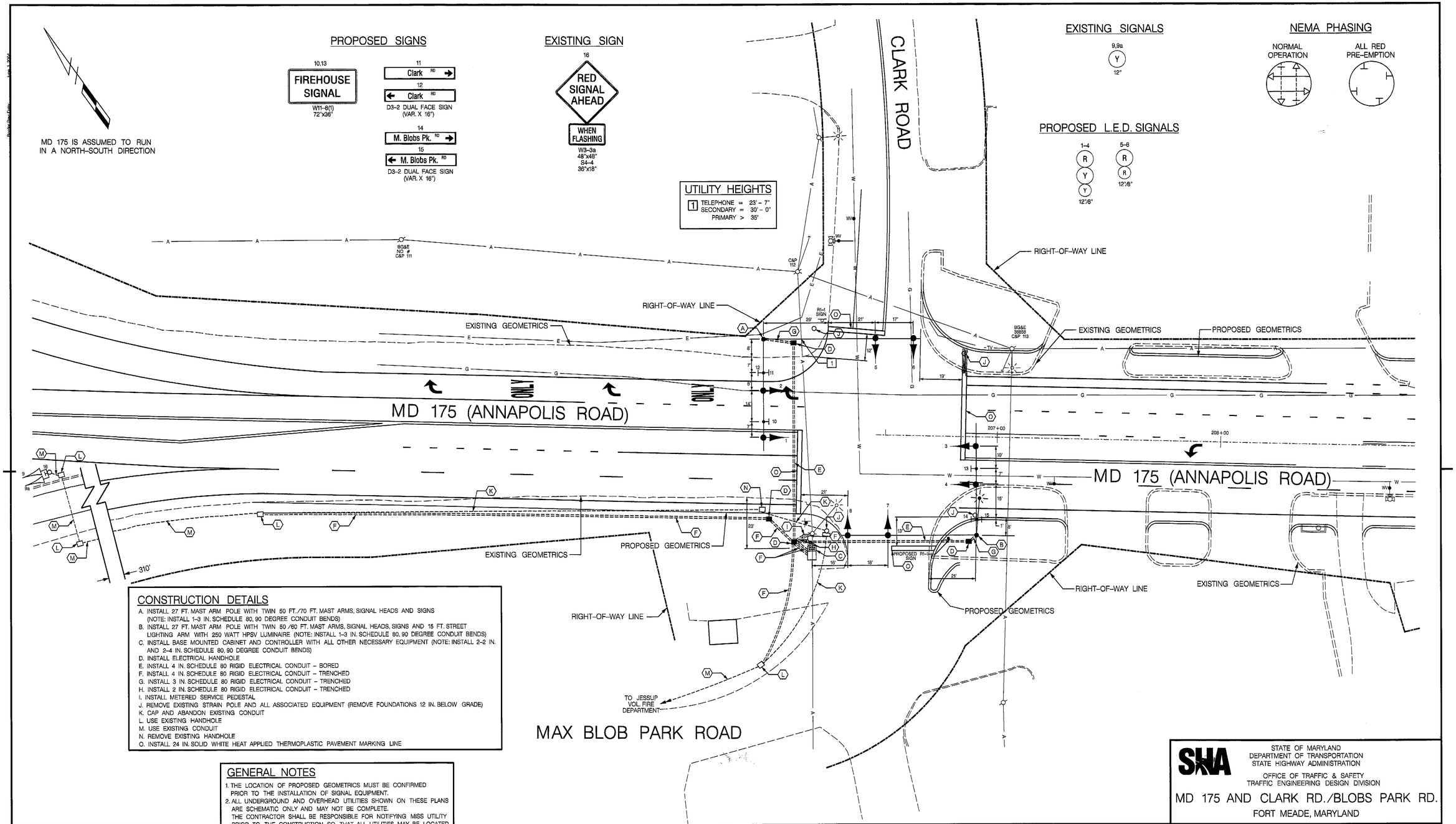

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS AND SIGNS (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 /60 FT. MAST ARMS, SIGNAL HEADS, SIGNS AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
C. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
D. INSTALL ELECTRICAL HANDHOLE
E. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
F. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
H. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
I. INSTALL METERED SERVICE PEDESTAL
J. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT (REMOVE FOUNDATIONS 12 IN. BELOW GRADE)
K. CAP AND ABANDON EXISTING CONDUIT
L. USE EXISTING HANDHOLE
M. USE EXISTING CONDUIT
N. REMOVE EXISTING HANDHOLE
O. INSTALL 24 IN. SOLID WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING LINE

GENERAL NOTES

1. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. 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 THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. 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.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

M:\2500\2546\signal\md175&clark.dgn
Tuesday, August 24, 2010 AT 09:39 AM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

D RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS
8-23-10 SHA NO. BW-996M82
JKS TMZ

C RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS
5-8-07 SHA NO. BW-996M82
TMZ

B REPLACE POLE DUE TO WIDENING
2-9-06 SHA NO. BW996M82
TMZ FCB JAH MAR WH TH 2-9-06

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 175 AND CLARK RD./BLOBS PARK RD.
FORT MEADE, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 6-9-78 CONTRACT NO.

DESIGNED BY	D.DODA	COUNTY	ANNE ARUNDEL
DRAWN BY	D. DODA	LOGMILE	02017508.19
CHECKED BY	A. BUDNICHUK	T.I.M.S. NO.	K-555
F.A.P. NO.	N/A	TOD NO.	

DRAWING NO. TS-1419 D

SHEET NO. 1 OF 2