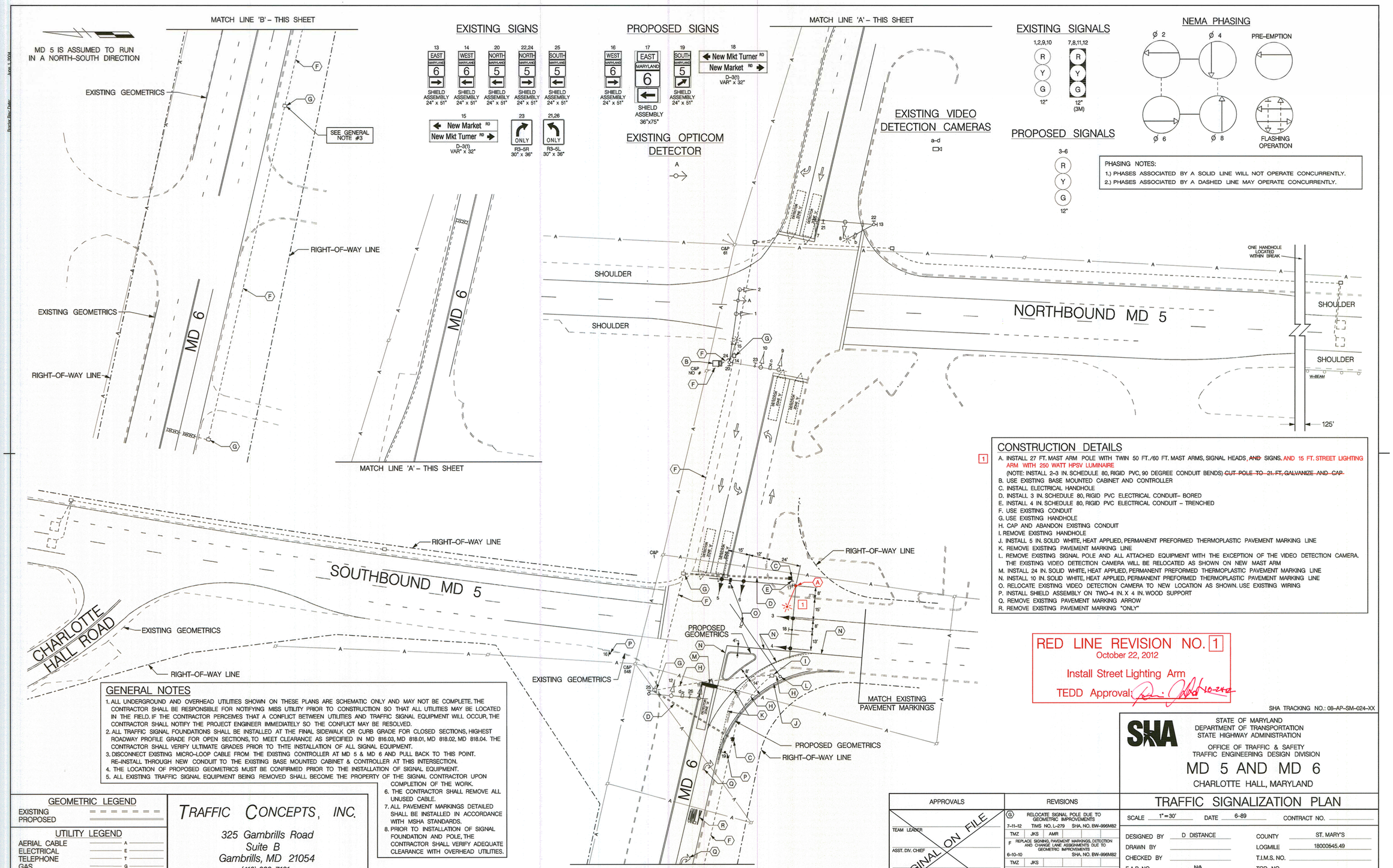

CONSTRUCTION DETAILS

1

A. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, ~~AND~~ SIGNS. AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE
(NOTE: INSTALL 2–3 IN. SCHEDULE 80, RIGID PVC, 90 DEGREE CONDUIT BENDS) ~~CUT POLE TO 21 FT, GALVANIZE AND CAP~~
B. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
C. INSTALL ELECTRICAL HANDHOLE
D. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT– BORED
E. INSTALL 4 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT – TRENCHED
F. USE EXISTING CONDUIT
G. USE EXISTING HANDHOLE
H. CAP AND ABANDON EXISTING CONDUIT
I. REMOVE EXISTING HANDHOLE
J. INSTALL 5 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
K. REMOVE EXISTING PAVEMENT MARKING LINE
L. REMOVE EXISTING SIGNAL POLE AND ALL ATTACHED EQUIPMENT WITH THE EXCEPTION OF THE VIDEO DETECTION CAMERA. THE EXISTING VIDEO DETECTION CAMERA WILL BE RELOCATED AS SHOWN ON NEW MAST ARM
M. INSTALL 24 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
N. INSTALL 10 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
O. RELOCATE EXISTING VIDEO DETECTION CAMERA TO NEW LOCATION AS SHOWN. USE EXISTING WIRING
P. INSTALL SHIELD ASSEMBLY ON TWO–4 IN. X 4 IN. WOOD SUPPORT
Q. REMOVE EXISTING PAVEMENT MARKING ARROW
R. REMOVE EXISTING PAVEMENT MARKING "ONLY"

RED LINE REVISION NO. 1
October 22, 2012
Install Street Lighting Arm
TEDD Approval: 10-24-12

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. DISCONNECT EXISTING MICRO–LOOP CABLE FROM THE EXISTING CONTROLLER AT MD 5 & MD 6 AND PULL BACK TO THIS POINT. RE–INSTALL THROUGH NEW CONDUIT TO THE EXISTING BASE MOUNTED CABINET & CONTROLLER AT THIS INTERSECTION.
4. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
6. THE CONTRACTOR SHALL REMOVE ALL UNUSED CABLE.
7. ALL PAVEMENT MARKINGS DETAILED SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
8. PRIOR TO INSTALLATION OF SIGNAL FOUNDATION AND POLE, THE CONTRACTOR SHALL VERIFY ADEQUATE CLEARANCE WITH OVERHEAD UTILITIES.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

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EMAIL: TRAFFIC@TRAFFIC–CONCEPTS.COM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

G	RELOCATE SIGNAL POLE DUE TO GEOMETRIC IMPROVEMENTS		
7–11–12	TIMS NO. L–279	SHA. NO. BW–996M82	
TMZ	JKS	AMR	
F	REPLACE SIGNING, PAVEMENT MARKINGS, DETECTION AND CHANGE LANE ASSIGNMENTS DUE TO GEOMETRIC IMPROVEMENTS		
6–10–10	SHA. NO. BW–996M82		
TMZ	JKS		
E	ADD VIDEO DETECTION CONTRACT NO. AT7245185		
1–30–04			
BRD	NML		

SHA TRACKING NO.: 08–AP–SM–024–XX

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 5 AND MD 6
CHARLOTTE HALL, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 30' DATE 6–89 CONTRACT NO.

DESIGNED BY D DISTANCE
DRAWN BY
CHECKED BY
F.A.P. NO. N/A

COUNTY ST. MARY'S
LOGMILE 18000545.49
T.I.M.S. NO.
TOD NO.

DRAWING NO. TS— 2572 G
SHEET NO. 1 OF 2

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DATE: Monday, October 22, 2012 AT 01:50 PM