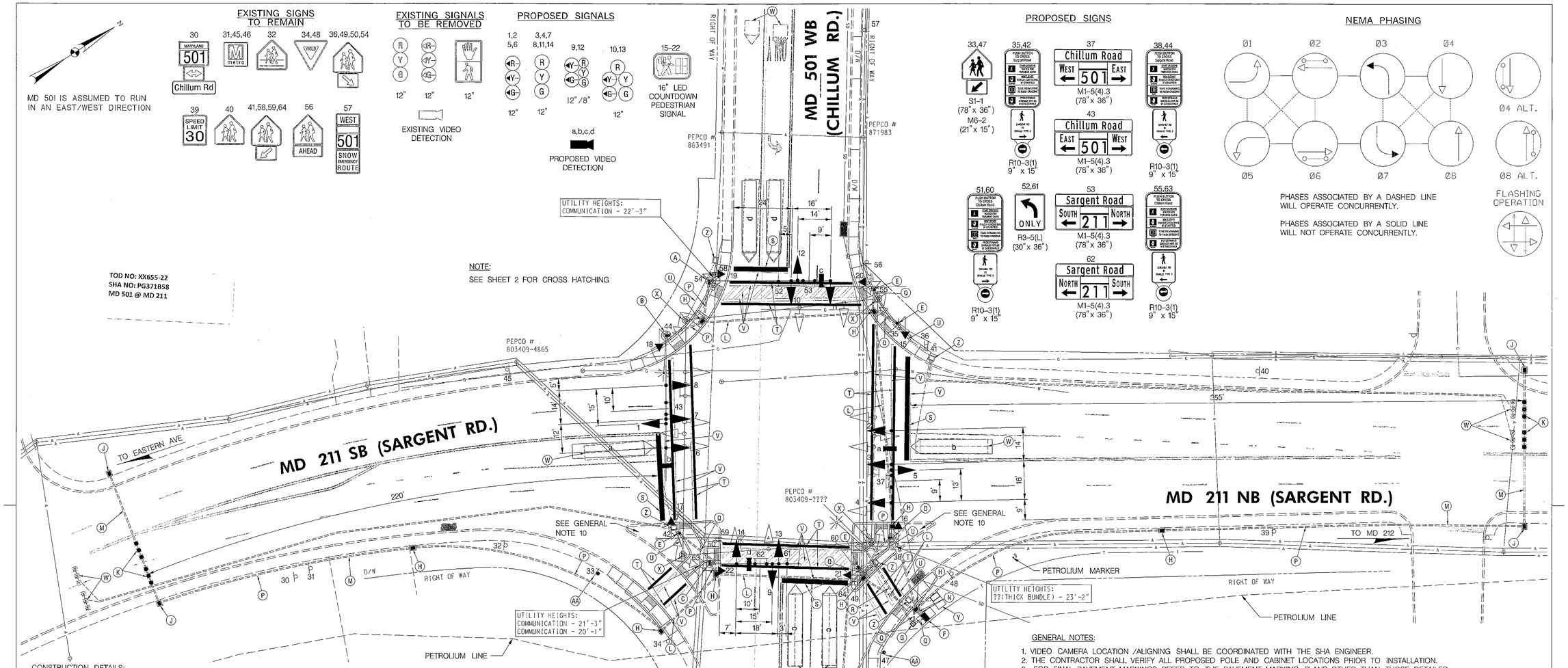

CONSTRUCTION DETAILS:

A. INSTALL CONCRETE FOUNDATION FOR A 16.5 FT. STEEL POLE WITH 50 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERAS. INSTALL COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. INSTALL CONCRETE FOUNDATION FOR A 27 FT. STEEL POLE WITH 60 FT. MAST ARM, 15 FT LIGHTING ARM WITH 250 WATT HPS LAMP AND LUMINAIRE, LED TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA. INSTALL COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
C. INSTALL CONCRETE FOUNDATION FOR A 16.5 FT. STEEL POLE WITH 38 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERAS. INSTALL COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
D. INSTALL CONCRETE FOUNDATION FOR A 16.5 FT. STEEL POLE WITH 50 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS, SIGN AND VIDEO DETECTION CAMERA. INSTALL COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
E. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01), MODIFIED BASE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-2 IN. PVC SCHEDULE 80 CONDUIT BEND).
F. INSTALL NEMA "S" BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC SCHEDULE 80 CONDUIT BENDS).
G. INSTALL METERED SERVICE PEDESTAL EMBEDDED.
H. INSTALL HANDHOLE.
J. INSTALL HANDHOLE ORIENTED FOR NON-EVASIVE PROBES.
K. INSTALL NON-INVASIVE DETECTOR AND LEAD IN CABLE.
L. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
M. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
N. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
P. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
Q. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
R. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED, PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE.
S. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
T. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSS WALK, (SEE SHEET 2 FOR CROSSWALK CROSS HATCHING).
U. CAP AND ABANDON EXISTING CONDUIT.
V. REMOVE EXISTING PAVEMENT MARKING.
W. DISCONNECT AND ABANDON EXISTING LOOP DETECTOR.
X. REMOVE EXISTING SIGNAL POLE, SPAN WITH ALL ATTACHED EQUIPMENT AND POWER SERVICE. REMOVE FOUNDATION 12 IN. BELOW GROUND GRADE AND BACKFILL.
Y. REMOVE EXISTING SIGNAL CABINET 12 IN. BELOW GROUND GRADE AND BACKFILL .
Z. REMOVE EXISTING HANDHOLE.
AA. INSTALL GROUND MOUNTED SIGN ON 4"x4" WOOD POST.

GENERAL NOTES:

1. VIDEO CAMERA 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 SHA STANDARDS.
4. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
8. 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.
9. THE CONTRACTOR SHALL CONTACT ED RODENHIZER AT THE SIGNAL SHOP (410) 787-7650 TO DELIVER APS EQUIPMENT FOR TESTING.
10. THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.
11. REMOVE AND RESET DECORATIVE BRICK AS NECESSARY.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

BY: chuck -

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APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

(F) 5/12 TIMS-J742 SHA NO. XX6555185
TOTAL RE-CONST./W EP LT'S ON MD 501
CW RODENHIZER
E Installation of Video Defection CT 2007
10/2008 J-454
D INSTALL EXCLUSIVE LEFT TURNS ON MD 211
3/99
AW-2775185 TIMS # D-291

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 211 (SARGENT RD)
MD 501 (CHILLUM RD) AND
CHILLUM, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE May 3, 1975 CONTRACT NO.

DESIGNED BY J. GORDON
DRAWN BY J.GORDON (Mod)J.A.H 3/99
CHECKED BY A. BUDNICHUCK
F.A.P. NO.

COUNTY Prince George's
LOGMILE 16021100.31
TIMS NO.
TOD NO.

TS NO. 1233F | DRAWING SG- 1 OF 2 | SHEET NO. 1 OF 4

PLOTTED: Tuesday, May 22, 2012 AT 03:41 PM
FILE: P:\09-002 TEDD\Task 68 MD 501 @ MD 211\Drawings\CADD\Working\pSG-P001_MD501@MD211.dgn