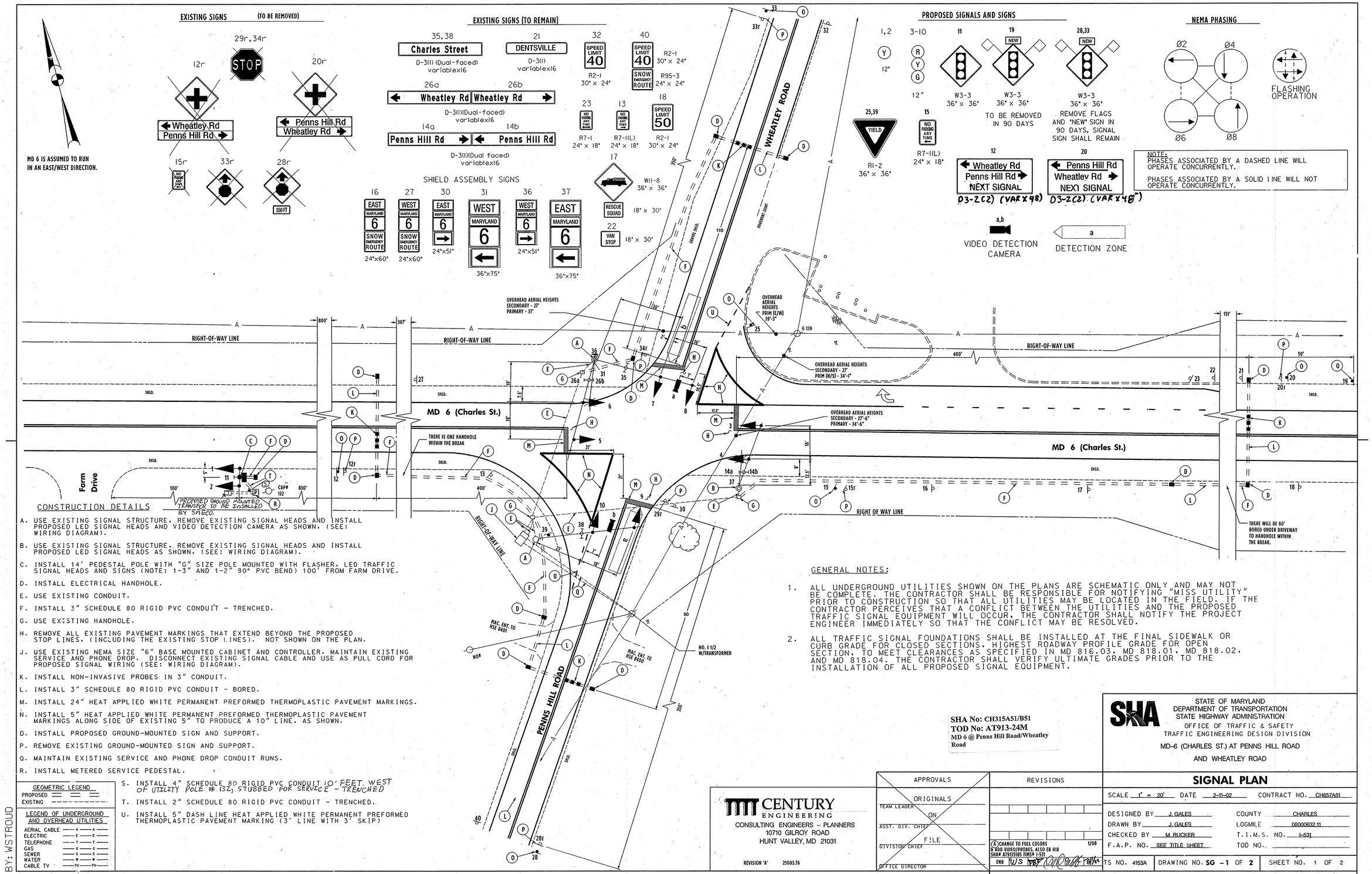

CONSTRUCTION DETAILS

A. USE EXISTING SIGNAL STRUCTURE. REMOVE EXISTING SIGNAL HEADS AND INSTALL PROPOSED LED SIGNAL HEADS AND VIDEO DETECTION CAMERA AS SHOWN. (SEE: WIRING DIAGRAM).

B. USE EXISTING SIGNAL STRUCTURE. REMOVE EXISTING SIGNAL HEADS AND INSTALL PROPOSED LED SIGNAL HEADS AS SHOWN. (SEE: WIRING DIAGRAM).

C. INSTALL 14' PEDESTAL POLE WITH "G" SIZE POLE MOUNTED WITH FLASHER. LED TRAFFIC SIGNAL HEADS AND SIGNS (NOTE: 1-3" AND 1-2" 90° PVC BEND) 100' FROM FARM DRIVE.

D. INSTALL ELECTRICAL HANDHOLE.

E. USE EXISTING CONDUIT.

F. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

G. USE EXISTING HANDHOLE.

H. REMOVE ALL EXISTING PAVEMENT MARKINGS THAT EXTEND BEYOND THE PROPOSED STOP LINES. (INCLUDING THE EXISTING STOP LINES). NOT SHOWN ON THE PLAN.

J. USE EXISTING NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER. MAINTAIN EXISTING SERVICE AND PHONE DROP. DISCONNECT EXISTING SIGNAL CABLE AND USE AS PULL CORD FOR PROPOSED SIGNAL WIRING (SEE: WIRING DIAGRAM).

K. INSTALL NON-INVASIVE PROBES IN 3" CONDUIT.

L. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED.

M. INSTALL 24" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.

N. INSTALL 5" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS ALONG SIDE OF EXISTING 5" TO PRODUCE A 10" LINE. AS SHOWN.

O. INSTALL PROPOSED GROUND-MOUNTED SIGN AND SUPPORT.

P. REMOVE EXISTING GROUND-MOUNTED SIGN AND SUPPORT.

Q. MAINTAIN EXISTING SERVICE AND PHONE DROP CONDUIT RUNS.

R. INSTALL METERED SERVICE PEDESTAL.

S. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT 10' FEET WEST OF UTILITY POLE #132, STUBBED FOR SERVICE - TRENCHED

T. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

U. INSTALL 5" DASH LINE HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (3' LINE WITH 3' SKIP)

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A —
ELECTRIC — E —
TELEPHONE — T —
GAS — G —
SEWER — S —
WATER — W —
CABLE TV — TV —

BY: WSTROUD

GENERAL NOTES:

1. ALL UNDERGROUND UTILITIES SHOWN ON THE 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 THE UTILITIES AND THE PROPOSED TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT 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 SECTION, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL PROPOSED SIGNAL EQUIPMENT.

SHA No: CH315A51/B51
TOD No: AT913-24M
MD 6 @ Penns Hill Road/Wheatley Road

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031
REVISION 'A' 25003.76

APPROVALS	
ORIGINALS ON FILE	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS		
A	CHANGE TO FULL COLORS & ADD VIDEO/PROBES, ALSO EB HB SHA# AT993585 TIMS# I-531	1/08
ENB		

PLOTTED: FRIDAY, JANUARY 11, 2008 AT 03:26 PM
FILE: J:\DATA\1531\PSG-01MD6.DGN

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

MD-6 (CHARLES ST.) AT PENNS HILL ROAD AND WHEATLEY ROAD

SIGNAL PLAN

SCALE 1" = 20' DATE 2-11-02 CONTRACT NO. CH657A51

DESIGNED BY J. GALES
DRAWN BY J. GALES
CHECKED BY M. RUCKER
F.A.P. NO. SEE TITLE SHEET
COUNTY CHARLES
LOGMILE 08000632.11
T.I.M.S. NO. I-531
TOD NO.

TS NO. 4153A | DRAWING NO. SG - 1 OF 2 | SHEET NO. 1 OF 2