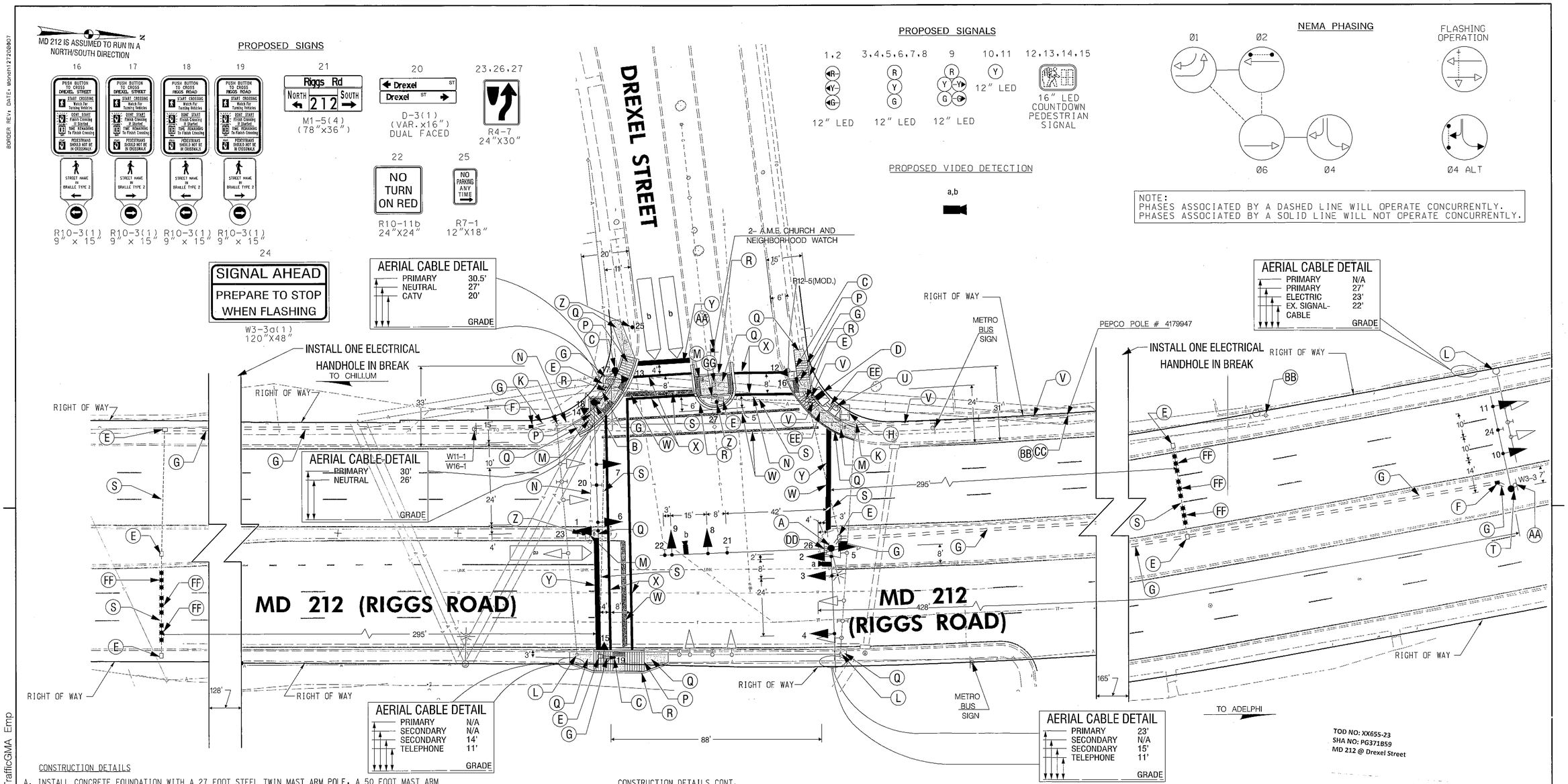

TOD NO: XX655-23
SHA NO: PG371859
MD 212 @ Drexel Street

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FOOT STEEL TWIN MAST ARM POLE, A 50 FOOT MAST ARM AND A 70 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, 10 FOOT LIGHTING ARM, AND 250 WATT HPS LUMINAIRE, (1-3 INCH CONDUIT BEND).
B. INSTALL CONCRETE FOUNDATION WITH A 21 FOOT STEEL POLE, AND A 60 FOOT MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGNS (1-3 INCH CONDUIT BEND).
C. INSTALL MODIFIED CONCRETE FOUNDATION WITH 10 FOOT PEDESTAL POLE, BREAKAWAY COUPLINGS, PEDESTRIAN SIGNAL HEAD PEDESTRIAN PUSHBUTTON AND SIGN (1-3 INCH CONDUIT BEND). (SEE STANDARD 801.01-01)
D. INSTALL NEMA SIZE 'S' BASE MOUNTED CABINET AND CONTROLLER, (2-4" AND 2-2" CONDUIT BENDS).
E. USE ELECTRICAL HANDHOLE.
F. INSTALL ELECTRICAL HANDHOLE.
G. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
H. REMOVE AND SALVAGE TRAFFIC SIGNAL CONTROLLER AND CABINET.
K. REMOVE EXISTING SIGNAL POLE, SPAN WIRE, SIGNAL HEADS, AND SIGNS.
L. REMOVE EXISTING SIGNAL POLE.
M. REMOVE EXISTING HANDHOLE.
N. CAP AND ABANDON EXISTING CONDUIT.
P. INSTALL NEW SIDEWALK RAMP.
Q. INSTALL 5 INCH DEPTH CONCRETE SIDEWALK.
R. INSTALL CONCRETE CURB.
S. USE EXISTING CONDUIT.
T. INSTALL CONCRETE FOUNDATION WITH A 21 FOOT STEEL POLE, AND A 60 FOOT MAST ARM (CUT TO 40 FEET), TRAFFIC SIGNAL HEADS AND SIGN (1-3 INCH CONDUIT BEND).

CONSTRUCTION DETAILS CONT.

U. INSTALL EMBEDDED METERED SERVICE PEDESTAL.
V. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED. (FOR POWER FEED, STUB UP CONDUIT AT BASE OF UTILITY POLE)
W. REMOVE EXISTING PAVEMENT MARKINGS.
X. INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PAVEMENT MARKINGS.
Y. INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PAVEMENT MARKINGS.
Z. INSTALL GROUND MOUNT SIGN.
AA. RELOCATE EXISTING (NEIGHBORHOOD WATCH) GROUND MOUNT SIGN ON SAME POST.
BB. REMOVE EXISTING HIB SIGNAL CABLE FROM PEPCO POLES
CC. PROVIDE 400 FEET OF SINGLE CONDUCTOR 2 [illegible] CABLE FOR PEPCO USE.
DD. REMOVE EXISTING GROUND MOUNTED SIGN.
EE. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED.
FF. INSTALL NON-INVASIVE PROBES WITH 500 FOOT LEAD-IN-CABLE.
GG. REMOVE THE EXISTING R4-7 SIGN AND RELOCATE THE EXISTING NEIGHBORHOOD WATCH SIGN. RELOCATE THE EXISTING 2- A.M.E. CHURCH SIGNS.

KCI TECHNOLOGIES
ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS
936 RIDGEBROOK ROAD
SPARKS, MARYLAND 21152
TELEPHONE: (410) 316-7800
FAX: (410) 316-7818

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC

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

REVISIONS
© NEW SIGNAL EQUIPMENT CONTRACT # XX6555185 TIMS # K751 5/2012
KCI
B REPLACED FAILED LOOP DETECTORS SHA # AW501A5I 5/8/97
C AS - BUILT 9/9/72
J.W.G.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 212 AT DREXEL STREET
CHILLUM, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE ____ CONTRACT NO. ____
DESIGNED BY ____ COUNTY PRINCE GEORGES
DRAWN BY ____ LOGMILE 16021201.94
CHECKED BY ____ TIMS NO. K751
F.A.P. NO. SEE TITLE SHEET TOD NO. ____

TS NO. 409 C | DRAWING SG-1 OF 3 | SHEET NO. 1 OF 3

PLOTTED: "11:07 AM on Wednesday, May 09, 2012"
FILE: M:\2009\01090619.27\drawings\pSG-P001_MD212.dgn

BY: Aaron Hottenstein Division: P068 Highway TrafficGMA Emp