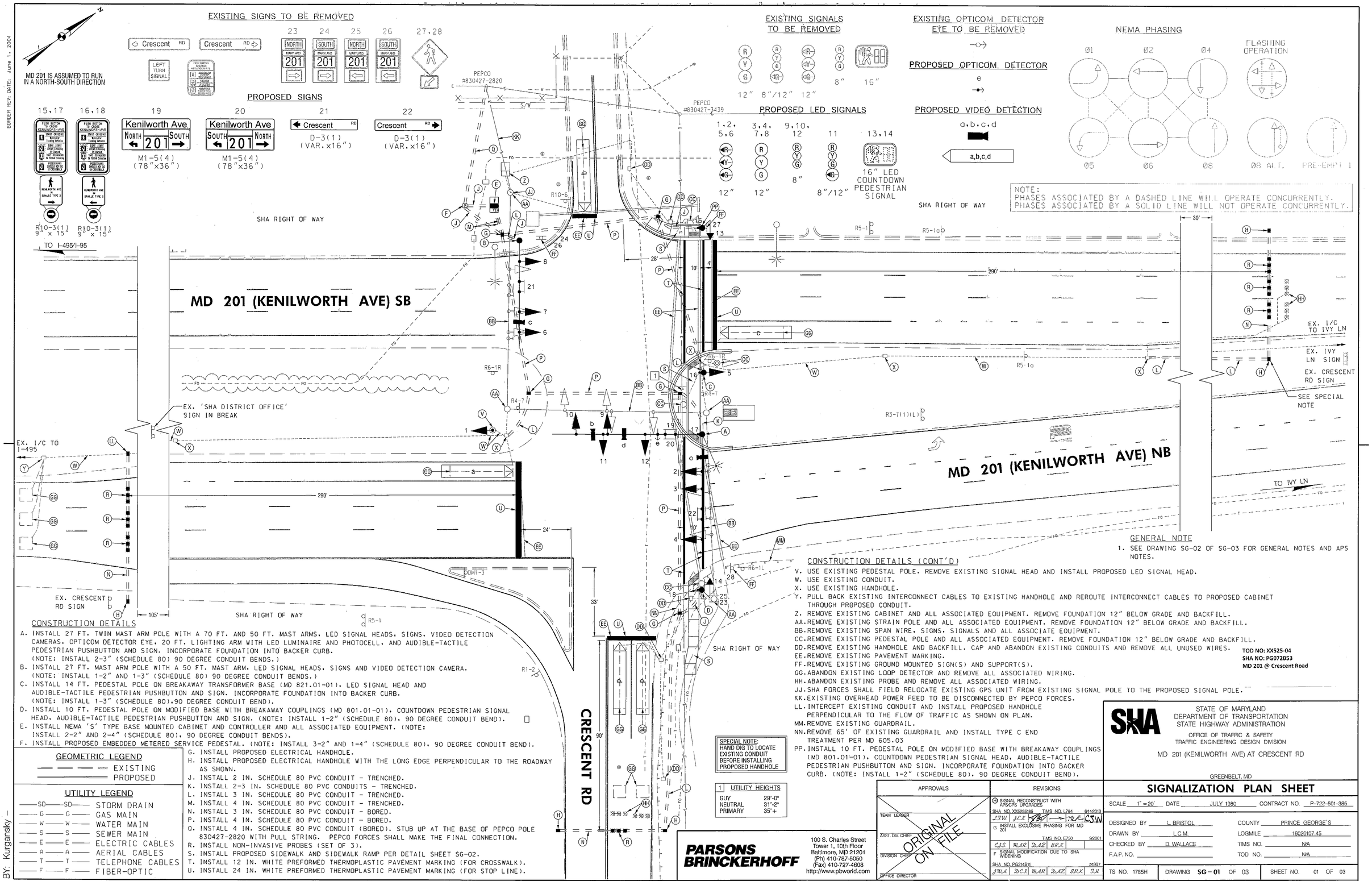

DRILL HOLES

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BORDER REV. DATE: June 1, 2004

BY: Kurgansky

CONSTRUCTION DETAILS

A. INSTALL 27 FT. TWIN MAST ARM POLE WITH A 70 FT. AND 50 FT. MAST ARMS, LED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, OPTICOM DETECTOR EYE, 20 FT. LIGHTING ARM WITH LED LUMINAIRE AND PHOTOCELL, AND AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN. INCORPORATE FOUNDATION INTO BACKER CURB. (NOTE: INSTALL 2-3" (SCHEDULE 80) 90 DEGREE CONDUIT BENDS.)

B. INSTALL 27 FT. MAST ARM POLE WITH A 50 FT. MAST ARM, LED SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA. (NOTE: INSTALL 1-2" AND 1-3" (SCHEDULE 80) 90 DEGREE CONDUIT BENDS.)

C. INSTALL 14 FT. PEDESTAL POLE ON BREAKAWAY TRANSFORMER BASE (MD 821.01-01), LED SIGNAL HEAD AND AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN. INCORPORATE FOUNDATION INTO BACKER CURB. (NOTE: INSTALL 1-3" (SCHEDULE 80),90 DEGREE CONDUIT BEND).

D. INSTALL 10 FT. PEDESTAL POLE ON MODIFIED BASE WITH BREAKAWAY COUPLINGS (MD 801.01-01), COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-2" (SCHEDULE 80), 90 DEGREE CONDUIT BEND).

E. INSTALL NEMA 'S' TYPE BASE MOUNTED CABINET AND CONTROLLER AND ALL ASSOCIATED EQUIPMENT. (NOTE: INSTALL 2-2" AND 2-4" (SCHEDULE 80), 90 DEGREE CONDUIT BENDS).

F. INSTALL PROPOSED EMBEDDED METERED SERVICE PEDESTAL. (NOTE: INSTALL 3-2" AND 1-4" (SCHEDULE 80), 90 DEGREE CONDUIT BEND).

G. INSTALL PROPOSED ELECTRICAL HANDHOLE.

H. INSTALL PROPOSED ELECTRICAL HANDHOLE WITH THE LONG EDGE PERPENDICULAR TO THE ROADWAY AS SHOWN.

J. INSTALL 2 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.

K. INSTALL 2-3 IN. SCHEDULE 80 PVC CONDUITS - TRENCHED.

L. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.

M. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.

N. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT - BORED.

P. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT - BORED.

Q. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT (BORED). STUB UP AT THE BASE OF PEPCO POLE 830427-2820 WITH PULL STRING. PEPCO FORCES SHALL MAKE THE FINAL CONNECTION.

R. INSTALL NON-INVASIVE PROBES (SET OF 3).

S. INSTALL PROPOSED SIDEWALK AND SIDEWALK RAMP PER DETAIL SHEET SG-02.

T. INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING (FOR CROSSWALK).

U. INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING (FOR STOP LINE).

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

CONSTRUCTION DETAILS (CONT'D)

V. USE EXISTING PEDESTAL POLE. REMOVE EXISTING SIGNAL HEAD AND INSTALL PROPOSED LED SIGNAL HEAD.

W. USE EXISTING CONDUIT.

X. USE EXISTING HANDHOLE.

Y. PULL BACK EXISTING INTERCONNECT CABLES TO EXISTING HANDHOLE AND REROUTE INTERCONNECT CABLES TO PROPOSED CABINET THROUGH PROPOSED CONDUIT.

Z. REMOVE EXISTING CABINET AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12" BELOW GRADE AND BACKFILL.

AA. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12" BELOW GRADE AND BACKFILL.

BB. REMOVE EXISTING SPAN WIRE, SIGNS, SIGNALS AND ALL ASSOCIATE EQUIPMENT.

CC. REMOVE EXISTING PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12" BELOW GRADE AND BACKFILL.

DD. REMOVE EXISTING HANDHOLE AND BACKFILL. CAP AND ABANDON EXISTING CONDUITS AND REMOVE ALL UNUSED WIRES.

EE. REMOVE EXISTING PAVEMENT MARKING.

FF. REMOVE EXISTING GROUND MOUNTED SIGN(S) AND SUPPORT(S).

GG. ABANDON EXISTING LOOP DETECTOR AND REMOVE ALL ASSOCIATED WIRING.

HH. ABANDON EXISTING PROBE AND REMOVE ALL ASSOCIATED WIRING.

JJ. SHA FORCES SHALL FIELD RELOCATE EXISTING GPS UNIT FROM EXISTING SIGNAL POLE TO THE PROPOSED SIGNAL POLE.

KK. EXISTING OVERHEAD POWER FEED TO BE DISCONNECTED BY PEPCO FORCES.

LL. INTERCEPT EXISTING CONDUIT AND INSTALL PROPOSED HANDHOLE PERPENDICULAR TO THE FLOW OF TRAFFIC AS SHOWN ON PLAN.

MM. REMOVE EXISTING GUARDRAIL.

NN. REMOVE 65' OF EXISTING GUARDRAIL AND INSTALL TYPE C END TREATMENT PER MD 605.03

PP. INSTALL 10 FT. PEDESTAL POLE ON MODIFIED BASE WITH BREAKAWAY COUPLINGS (MD 801.01-01), COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN. INCORPORATE FOUNDATION INTO BACKER CURB. (NOTE: INSTALL 1-2" (SCHEDULE 80), 90 DEGREE CONDUIT BEND).

SPECIAL NOTE:
HAND DIG TO LOCATE EXISTING CONDUIT BEFORE INSTALLING PROPOSED HANDHOLE

1	UTILITY HEIGHTS
GUY	29'-0"
NEUTRAL	31'-2"
PRIMARY	35'+

GENERAL NOTE

1. SEE DRAWING SG-02 OF SG-03 FOR GENERAL NOTES AND APS NOTES.

TOD NO: XX525-04
SHA NO: PG072B53
MD 201 @ Crescent Road

PARSONS BRINCKERHOFF
100 S. Charles Street
Tower 1, 10th Floor
Baltimore, MD 21201
(Ph) 410-767-5050
(Fax) 410-727-4608
http://www.pbworld.com

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

REVISIONS

G SIGNAL RECONSTRUCT WITH APS/CPS UPGRADES — SHA NO. XX525-05 TIMS NO. L784 6/4/2013 — LTW JCK JWP MJP CSW

G INSTALL EXCLUSIVE PHASING FOR MD 201 — TIMS NO. E750 9/2001 — CJS MAR DAZ BRK

F SIGNAL MODIFICATION DUE TO SHA WIDENING — SHA NO. PG214B11 7/1997 — JWA DCJ MAR DAZ BRK JW

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

MD 201 (KENILWORTH AVE) AT CRESCENT RD

GREENBELT, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE JULY 1980 CONTRACT NO. P-722-501-385

DESIGNED BY L. BRISTOL — COUNTY PRINCE GEORGE'S
DRAWN BY L.C.M. — LOGMILE 16020107.45
CHECKED BY D. WALLACE — TIMS NO. N/A
F.A.P. NO. — TOD NO. N/A

TS NO. 1785H | DRAWING SG-01 OF 03 | SHEET NO. 01 OF 03

PLOTTED: Wednesday, June 12, 2013 AT 12:43 PM
FILE: T:\173124A-TrafficDesignServices\TRF\128\Plans\pSG_P001 - MD 201 @ Crescent D.dgn