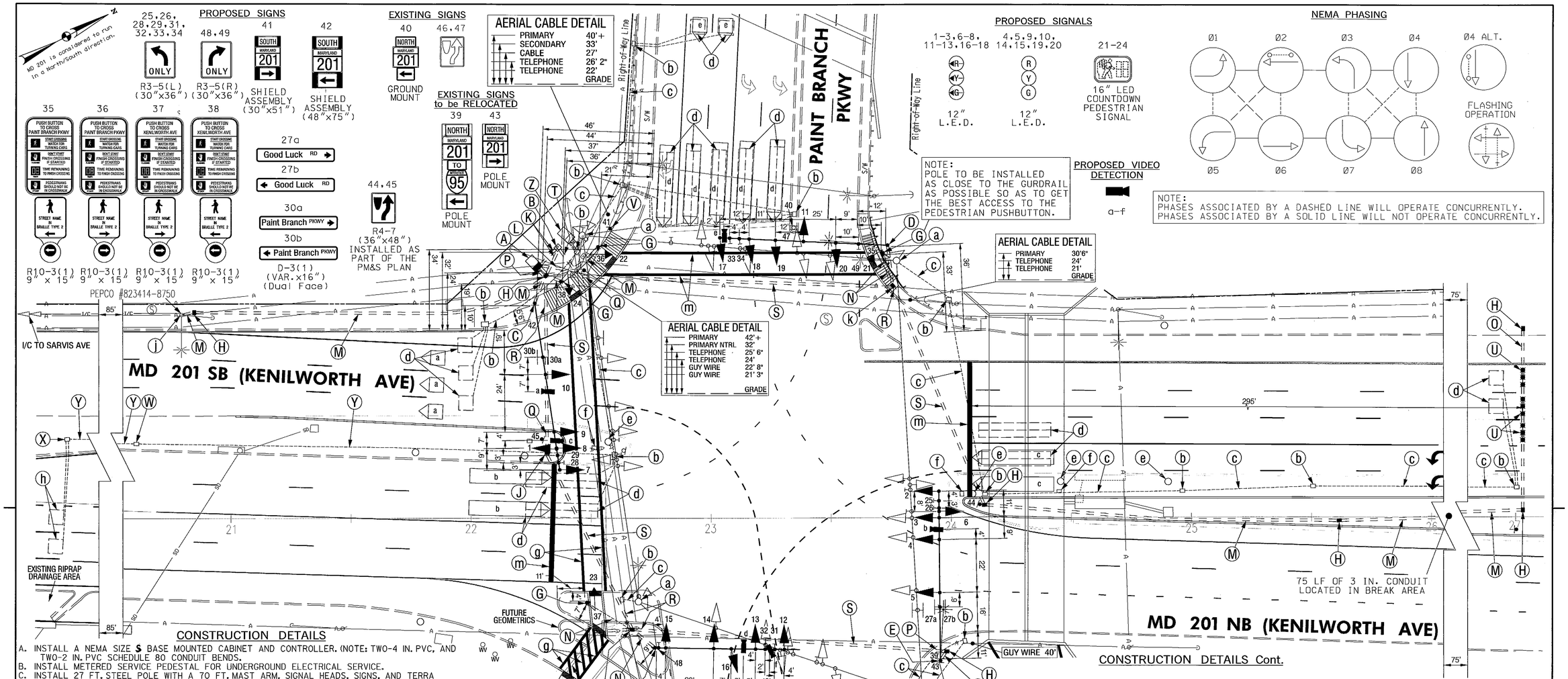

CONSTRUCTION DETAILS

A. INSTALL A NEMA SIZE **S** BASE MOUNTED CABINET AND CONTROLLER. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS.
B. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE.
C. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND TERRA VIDEO DETECTION CAMERAS. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). REMOVE AND REPLACE SIDEWALK. MAINTAIN 5 FT. FROM BACK OF CURB TO THE NEAR EDGE OF BASE PLATE OF POLE.
D. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, TERRA VIDEO DETECTION CAMERA, 20 FT. LUMINAIRE ARM, AND 250 W HPS LUMINAIRE (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). REMOVE AND REPLACE CONCRETE.
E. INSTALL 27 FT. STEEL MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, TERRA VIDEO DETECTION CAMERA, 20 FT. LUMINAIRE ARM, 250 W HPS LUMINAIRE, AND RELOCATED SIGNS 39 AND 43 (NOTE: ONE 3 IN. PVC SCH 80 CONDUIT BEND).
F. INSTALL 27 FT. STEEL MAST ARM POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND TERRA VIDEO DETECTION CAMERAS (NOTE: ONE 3 IN PVC SCHEDULE 80 CONDUIT BEND). REMOVE AND REPLACE CONCRETE.
G. INSTALL 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PEDESTRIAN PUSHBUTTON AND PEDESTRIAN INSTRUCTIONAL SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
H. INSTALL HANDHOLE.
J. INSTALL HANDHOLE ON EXISTING CONDUIT RUN.
K. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
L. INSTALL 2 IN. CONDUIT FOR PHONE SERVICE BY VERIZON - TRENCHED.
M. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
N. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED - REMOVE AND REPLACE CONCRETE.
O. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
P. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
Q. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED DURING CONSTRUCTION.
R. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED - REMOVE AND REPLACE CONCRETE.
S. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
T. INSTALL 4 IN. CONDUIT W/ PULLSTRING TO BASE OF UTILITY POLE #823414-9467 FOR AN UNDERGROUND ELECTRICAL SERVICE BY PEPCO - TRENCHED.
U. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
V. INSTALL GROUND MOUNTED SIGN.
W. USE EXISTING HANDHOLE. PULL BACK EXISTING ALUMINUM SHIELDED CABLE. RUN IN NEW CONDUIT TO NEW CABINET.
X. USE EXISTING HANDHOLE.
Y. USE EXISTING CONDUIT.
Z. REMOVE EXISTING CABINET AND CONTROLLER AND ALL ATTACHED EQUIPMENT.
a. REMOVE EXISTING STEEL POLE AND ALL ATTACHED EQUIPMENT.
b. REMOVE EXISTING HANDHOLE.
c. CAP AND ABANDON EXISTING CONDUIT.
d. ABANDON EXISTING VEHICLE DETECTION.
e. REMOVE ABANDONED RED-LIGHT CAMERA POLE AND BASE. BASE SHALL BE REMOVED TO 12 IN. BELOW GRADE.

CONSTRUCTION DETAILS Cont.

f. REMOVE ABANDONED RED-LIGHT CAMERA ELECTRIC VAULT.
g. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
h. USE EXISTING VEHICLE DETECTION.
i. REMOVE EXISTING STRAIN POLE. RELOCATE SHIELD ASSEMBLY SIGNS (39 AND 43) TO NEW SIGNAL POLE.
j. USE EXISTING UTILITY POLE (#823414-8750). PULL BACK EXISTING OVERHEAD INTERCONNECT. INSTALL 3 IN. RISER. RUN INTERCONNECT IN NEW CONDUIT TO NEW CABINET.
k. INSTALL HANDHOLE IN SIDEWALK. REPLACE SIDEWALK AS NECESSARY.
m. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
n. REMOVE EXISTING PAVEMENT MARKING BY GRINDING.

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

GENERAL NOTES LOCATED ON SHEET 2

MD-AMD Tracking No.: 08APPG022

The Traffic Group, Inc.
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"Merging Innovation and Excellence"®

BY: JStarck

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

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

MD 201 (KENILWORTH AVE) AT
PAINT BRANCH PKWY/GOOD LUCK RD
RIVERDALE, MARYLAND

TRAFFIC SIGNAL PLAN

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

REVISIONS

E	BW996M82 – J201 Rebuild signal due to geometry changes and overhead utility conflicts. Upgrade to APS PEDS.	JANUARY 26, 2012
JES	CJS	RDS MLR WJF
D	Install new loops and signal heads. SHA No. PG861A21	June 20, 2005
RRZ		
C	As-built for camera installation	July 1, 1999
RRZ		

SCALE 1" = 20'	DATE REDRAWN 2-23-93	CONTRACT NO. P-386-001-385	
DESIGNED BY B. THOMPSON		COUNTY PRINCE GEORGE'S	
DRAWN BY S. RENZI		LOGMILE 16020104.81	
CHECKED BY		TIMS NO. J201	
F.A.P. NO. NA		TOD NO.	
TS NO. 682E	DRAWING SG-01 OF 01	SHEET NO. 1 OF 6	

PLOTTED: Thursday, January 26, 2012 AT 03:30 PM
FILE: F:\2004\2004-0621\Des\TEDD\MD 201 @ PAINT BRANCH-GOOD LUCK\PSG-P001_MD201@Paintbranch.dgn