

BORDER REV. DATE: June 1, 2004

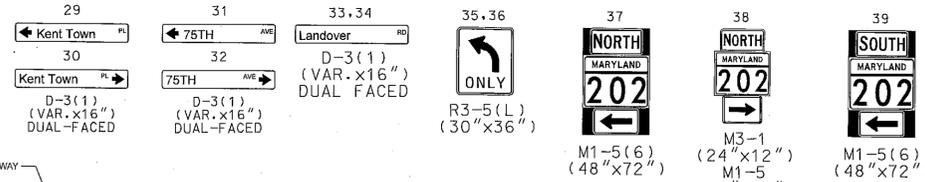
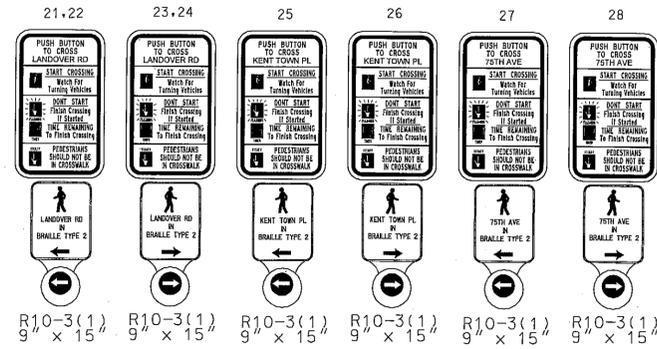


BY: Kurgansky

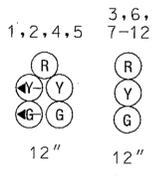


MD 202 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

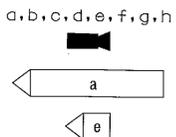
PROPOSED SIGNS



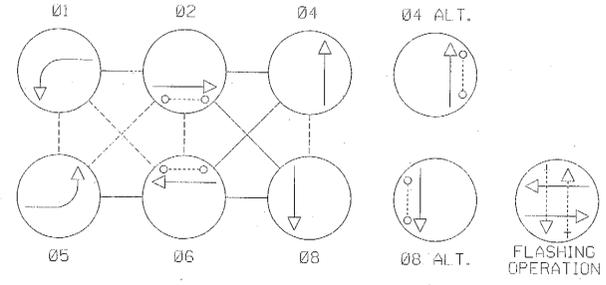
PROPOSED LED SIGNALS



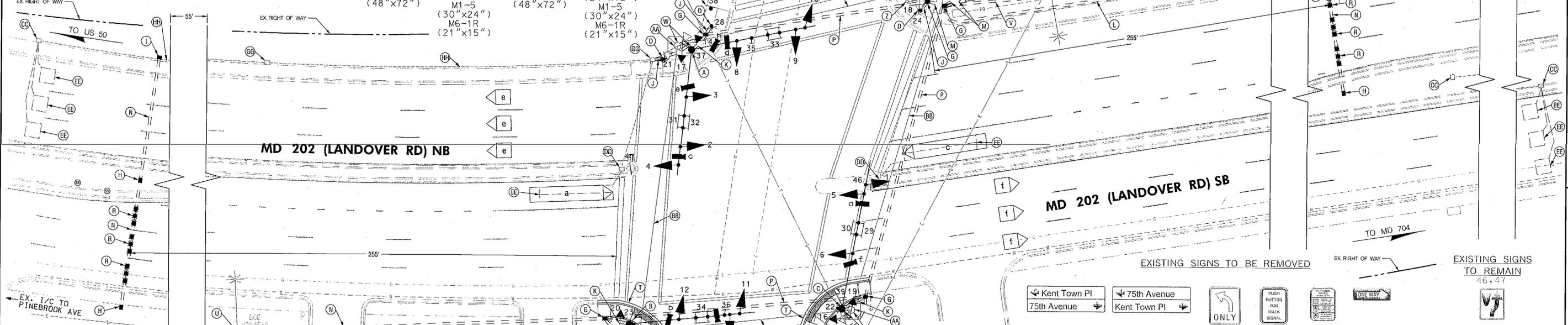
PROPOSED VIDEO DETECTION



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT. MAST ARMS. LED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS AND RELOCATED COUNTDOWN PEDESTRIAN SIGNAL HEADS. (NOTE: INSTALL 1-2" AND 1-3" (SCHEDULE 80) 90 DEGREE CONDUIT BENDS.)
B. INSTALL 27 FT. MAST ARM POLE WITH A 50 FT. MAST ARM, LED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, RELOCATED COUNTDOWN PEDESTRIAN SIGNAL HEADS AND AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-2" AND 1-3" (SCHEDULE 80) 90 DEGREE CONDUIT BENDS.)
C. INSTALL 27 FT. MAST ARM POLE WITH A 60 FT. MAST ARM, LED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, RELOCATED COUNTDOWN PEDESTRIAN SIGNAL HEADS AND AUDIBLE-TACTILE PEDESTRIAN PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-2" AND 1-3" (SCHEDULE 80) 90 DEGREE CONDUIT BENDS.)
D. INSTALL 5 FT. PEDESTAL POLE ON MODIFIED BASE WITH BREAKAWAY COUPLINGS (MD 801.01-01), 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.
I. INSTALL PROPOSED ELECTRICAL HANDHOLE AND INTERCEPT EXISTING CONDUIT.
J. INSTALL 2 IN. SCHEDULE 80 PVC CONDUIT - TRENCHED.
K. INSTALL 1-2 IN. AND 1-3 IN. SCHEDULE 80 PVC CONDUIT - 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 (TRENCHED). STUB UP AT THE BASE OF BGE POLE 388478. BGE FORCES SHALL MAKE THE FINAL CONNECTION.
R. INSTALL NON-INVASIVE PROBES (SET OF 3).
S. INSTALL GROUND MOUNTED SIGN ON ONE 4"x6" BREAKAWAY WOOD SUPPORT.
T. INSTALL PROPOSED SIDEWALK AND SIDEWALK RAMP PER DETAIL SHEET SG-02.
U. INSTALL 3 IN. SCHEDULE 80 CONDUIT (BORED) AND STUB UP AT THE BASE OF BGE POLE 394516. INSTALL A 3 IN. SCHEDULE 80 PVC RISER WITH A 3" WEATHERHEAD FOR INTERCONNECT. PULL BACK INTERCONNECT TO BGE POLE 394516 AND RUN THROUGH PROPOSED CONDUIT TO THE PROPOSED CABINET.
V. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT (TRENCHED), STUB UP AT THE BASE OF BGE POLE 388478. INSTALL A 3 IN. SCHEDULE 80 PVC RISER WITH A 3" WEATHERHEAD FOR INTERCONNECT. DISCONNECT INTERCONNECT FROM EXISTING SIGNAL POLE AND RUN THROUGH PROPOSED CONDUIT TO PROPOSED SIGNAL CABINET.
W. RELOCATE EXISTING LED COUNTDOWN PEDESTRIAN SIGNAL HEAD FROM STRAIN POLE TO PROPOSED SIGNAL POLE.
X. REMOVE EXISTING CABINET AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION 12" BELOW GRADE AND BACKFILL.

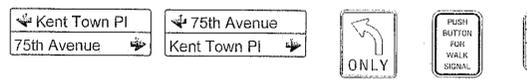
GEOMETRIC LEGEND



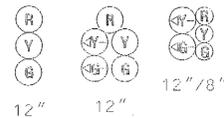
UTILITY LEGEND

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

EXISTING SIGNS TO BE REMOVED



EXISTING SIGNALS TO BE REMOVED



EXISTING LED SIGNALS TO REMAIN



EXISTING LED SIGNALS TO BE RELOCATED



GENERAL NOTES

- 1. SEE SHEET SG-02 OF SG-03 FOR GENERAL NOTES AND APS NOTES.
Y. REMOVE EXISTING CABINET AND ALL ASSOCIATED EQUIPMENT. SHA FORCES SHALL FIELD RELOCATE EXISTING GPS UNIT TO PROPOSED SIGNAL CABINET. REMOVE EXISTING FOUNDATION 12" BELOW GRADE AND BACKFILL.
Z. REMOVE PUSHBUTTON AND SIGN FROM EXISTING PEDESTAL POLE. PEDESTAL POLE AND COUNTDOWN PEDESTRIAN SIGNALS TO REMAIN.
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 ASSOCIATED EQUIPMENT.
CC. REMOVE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES.
DD. REMOVE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUIT. REMOVE ALL UNUSED WIRES. INSTALL BRICK PAVERS.
EE. ABANDON EXISTING LOOP DETECTORS AND REMOVE ALL ASSOCIATED WIRING.
FF. EXISTING POWER FEED TO BE DISCONNECTED AND REMOVED BY BGE FORCES.
GG. USE EXISTING HANDHOLE.
HH. USE EXISTING CONDUIT.
JJ. REMOVE EXISTING SIGN AND SUPPORTS.

CONSTRUCTION DETAILS (CONT'D)

PARSONS BRINCKERHOFF logo and address: 100 S. Charles Street, Tower 1, 10th Floor, Baltimore, MD 21201

APPROVALS table with columns for TEAM LEADER, ASST. DIV. CHIEF, DIVISION CHIEF, OFFICE DIRECTOR.

REVISIONS table with columns for description, date, and initials.

SUA logo and project information: STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION, MD 202 (LANDOVER RD) AT KENT TOWN PL / 75TH AVE, SIGNAL RECONSTRUCTION, LANDOVER, MD.

TRAFFIC SIGNALIZATION PLAN table with columns for SCALE, DATE, CONTRACT NO., DESIGNED BY, DRAWN BY, CHECKED BY, F.A.P. NO., TS NO., DRAWING, OF, SHEET NO.