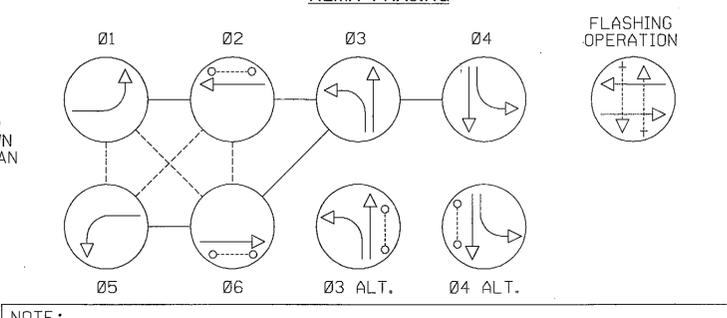
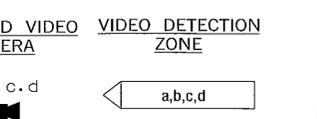
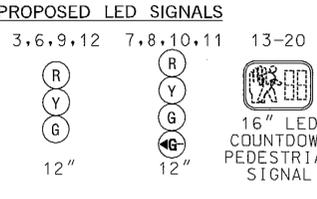
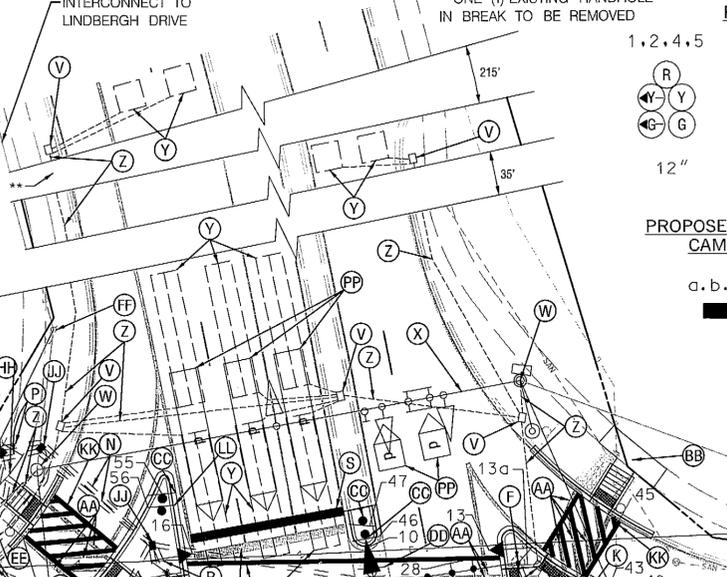
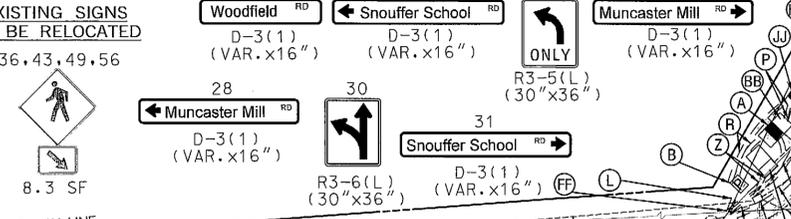
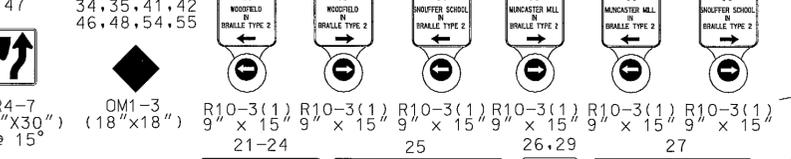
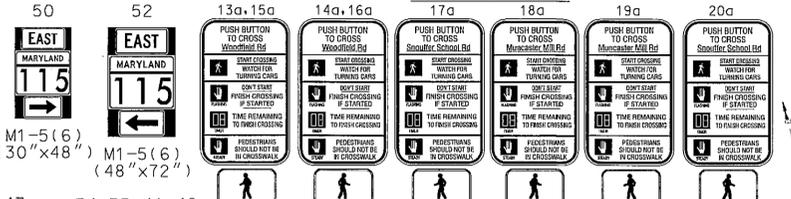


MD 115 (MUNCASTER MILL ROAD)/
SNOFFER SCHOOL ROAD IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

EXISTING SIGNS
TO REMAIN



EXISTING SIGNS
TO BE RELOCATED



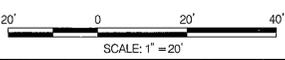
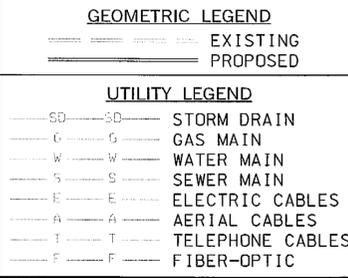
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS (CONT.)

- T. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
- V. REMOVE EXISTING HANDHOLE AND BACKFILL.
- W. REMOVE EXISTING POLE. ANY ASSOCIATED EQUIPMENT AND FOUNDATION 24 IN. BELOW GRADE AND BACKFILL.
- X. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
- Y. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- Z. CAP AND ABANDON EXISTING CONDUIT.

- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH A TYPE S BASE MOUNTED CABINET WITH CONTROLLER AND AUDIBLE TACTILE PEDESTRIAN PUSHBUTTON BASE UNIT. (NOTE: TWO-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE BENDS).
 - B. INSTALL 100 AMP METERED SERVICE PEDESTAL. (NOTE: ONE-4 IN. AND THREE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS)
 - C. REMOVE EXISTING BASE MOUNTED CABINET AND CONTROLLER, AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - D. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 21 FT.) WITH A SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS WOODFIELD"), AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - E. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS MUNCASTER MILL"), AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - F. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, 15 FT. LIGHTING ARM, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS WOODFIELD"), AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - G. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 21 FT.) WITH A SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - H. INSTALL MODIFIED (18" X 3' DEPTH, PER STD. MD 801.01) CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY COUPLING BASE (AS PER STDS. MD 801.01-01 AND MD 818.16-01), 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS SNOFFER SCHOOL"), AND AUDIBLE/TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - J. INSTALL MODIFIED (18" X 3' DEPTH, PER STD. MD 801.01) CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY COUPLING BASE (AS PER STDS. MD 801.01-01 AND MD 818.16-01), 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS WOODFIELD"), AND AUDIBLE/TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - K. INSTALL MODIFIED (18" X 3' DEPTH, PER STD. MD 801.01) CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY COUPLING BASE (AS PER STDS. MD 801.01-01 AND MD 818.16-01), 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS MUNCASTER MILL"), AND AUDIBLE/TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
 - L. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED, STUB OUT CONDUIT BEND AT BASE OF UTILITY POLE.
 - M. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - N. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
 - P. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - R. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - S. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR STOP LINE.

- CONSTRUCTION DETAILS (CONT.)**
- AA. REMOVE EXISTING PAVEMENT MARKINGS.
 - BB. REMOVE EXISTING SIDEWALK AND / OR RAMP AND INSTALL NEW SIDEWALK AND / OR RAMP AND DETECTABLE WARNING SURFACE(S) AS SHOWN. SEE RAMP DETAIL SHEET FOR DETAILS.
 - CC. INSTALL GROUND MOUNTED SIGN ON A SINGLE WOOD (4" X 4") SUPPORT.
 - DD. REMOVE EXISTING GROUND MOUNTED SIGN AND POST.
 - EE. INSTALL 2 IN. PVC SCHEDULE 80 CONDUIT FOR TELEPHONE DROP. STUB UP AT BASE OF UTILITY POLE. UTILITY COMPANY TO MAKE FINAL CONNECTIONS.
 - FF. PULL BACK INTERCONNECT CABLE FROM EXISTING CABINET TO THIS POLE AND REROUTE TO PEPCO POLE #754482-3989 AND THROUGH NEW CONDUIT SYSTEM TO NEW CABINET.
 - GG. PULL BACK INTERCONNECT CABLE FROM EXISTING CABINET TO THIS HANDHOLE AND REROUTE THROUGH NEW CONDUIT SYSTEM TO NEW CABINET.
 - HH. INSTALL 3 IN. PVC SCHEDULE 80 CONDUIT FOR INTERCONNECT CABLE. STUB UP AT BASE OF UTILITY POLE. MONTGOMERY COUNTY FORCES TO MAKE FINAL CONNECTION.
 - JJ. INSTALL HANDHOLE.
 - KK. REFER TO CROSSWALK HATCHING DETAIL ON DIMENSION DETAILS PLAN.
 - LL. RELOCATE EXISTING PEDESTRIAN CROSSING SIGN ONTO A NEW 4" X 4" WOOD SUPPORT IN NEW ISLAND.
 - NN. REMOVE EXISTING ISLAND AND INSTALL NEW ISLAND, AS SHOWN. SEE RAMP DETAIL SHEET FOR DETAILS.
 - PP. PROPOSED VIDEO DETECTION ZONE.
 - RR. INSTALL GROUND MOUNTED SIGN ONTO EXISTING SIGN SUPPORT.



SABRA, WANG & ASSOCIATES, INC.
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SUITE 100
COLUMBIA, MD 21046
(443) 741-3500
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APPROVALS	REVISIONS
<p>YEAR LEADER</p> <p>ASS'T. DIR. CIV. ENG.</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p>	<p>09-2013</p> <p>REBUILD SIGNAL AND APSCPS UPGRADES SHA NO. X23886195 TIMS NO. M355</p> <p>10-2001</p> <p>RELOCATE NEAR SIDE SIGNAL ON MD 124, REPLACE SIGNALS WITH BLACK FACE SHA NO. 010260 TIMS NO. E895</p> <p>05-1987</p> <p>RELOCATED SIGNAL, MODIFIED EQUIPMENT, INSTALL INTERCONNECT SHA NO. BW-971-801-312</p> <p>MTS DAZ EP MS TH</p>

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 115 (MUNCASTER MILL ROAD)/SNOFFER SCHOOL ROAD AT
MD 124 (WOODFIELD ROAD)
GAITHERSBURG, MARYLAND

TRAFFIC SIGNAL PLAN	
SCALE 1" = 20'	ADVERTISED DATE 10/30/1973 CONTRACT NO. M-966X-385
DESIGNED BY	COUNTY MONTGOMERY
DRAWN BY J. GORDAN	LOGMILE 15011500.00
CHECKED BY	TIMS NO.
F.A.P. NO.	TOD NO.
TS NO. 249	DRAWING SG-01 OF 04 SHEET NO. 1 OF 4