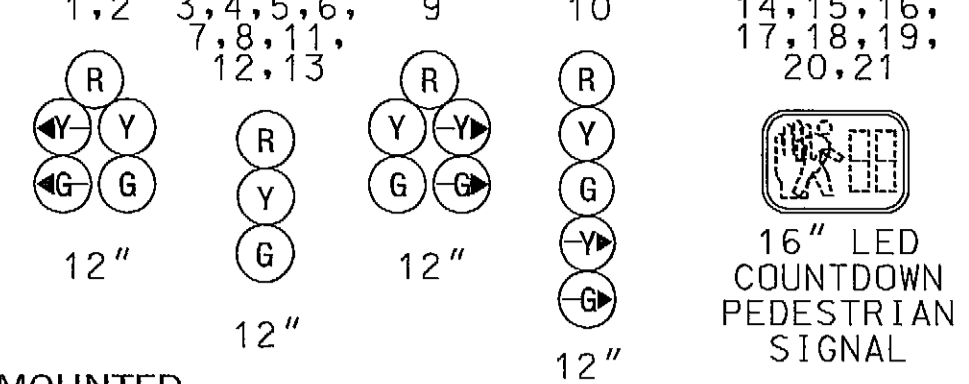


PROPOSED LED SIGNALS



LINE HEIGHTS (LH) 1

COMM. 1	- 17'-3"
COMM. 2	- 21'-5"
COMM. 3	- 23'-0"
SECONDARY	- 28'-9"
GUY	- 38'-0"+

LINE HEIGHTS (LH) 2

COMM. 1	- 16'-10"
COMM. 2	- 21'-6"
COMM. 3	- 22'-7"
SECONDARY	- 29'-2"

LINE HEIGHTS (LH) 3

COMM. 1	- 22'-0"
SECONDARY	- 29'-0"
PRIMARY	- 34'-8"+

NOTE: OVERHEAD UTILITY RELOCATION PENDING

LINE HEIGHTS (LH) 4

COMM. 1	- 19'-3"
SECONDARY	- 25'-0"
PRIMARY	- 33'-0"

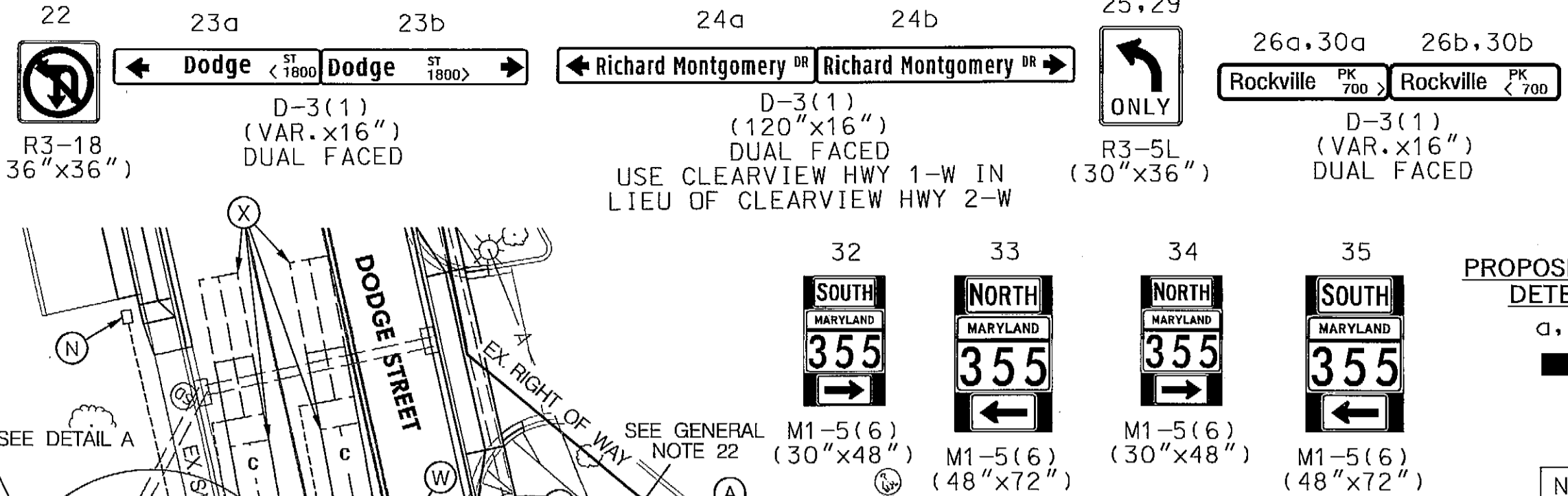
LINE HEIGHTS (LH) 5

COMM. 1	- 22'-7"
SECONDARY	- 30'-0"
PRIMARY	- 35'-0"

LINE HEIGHTS (LH) 6

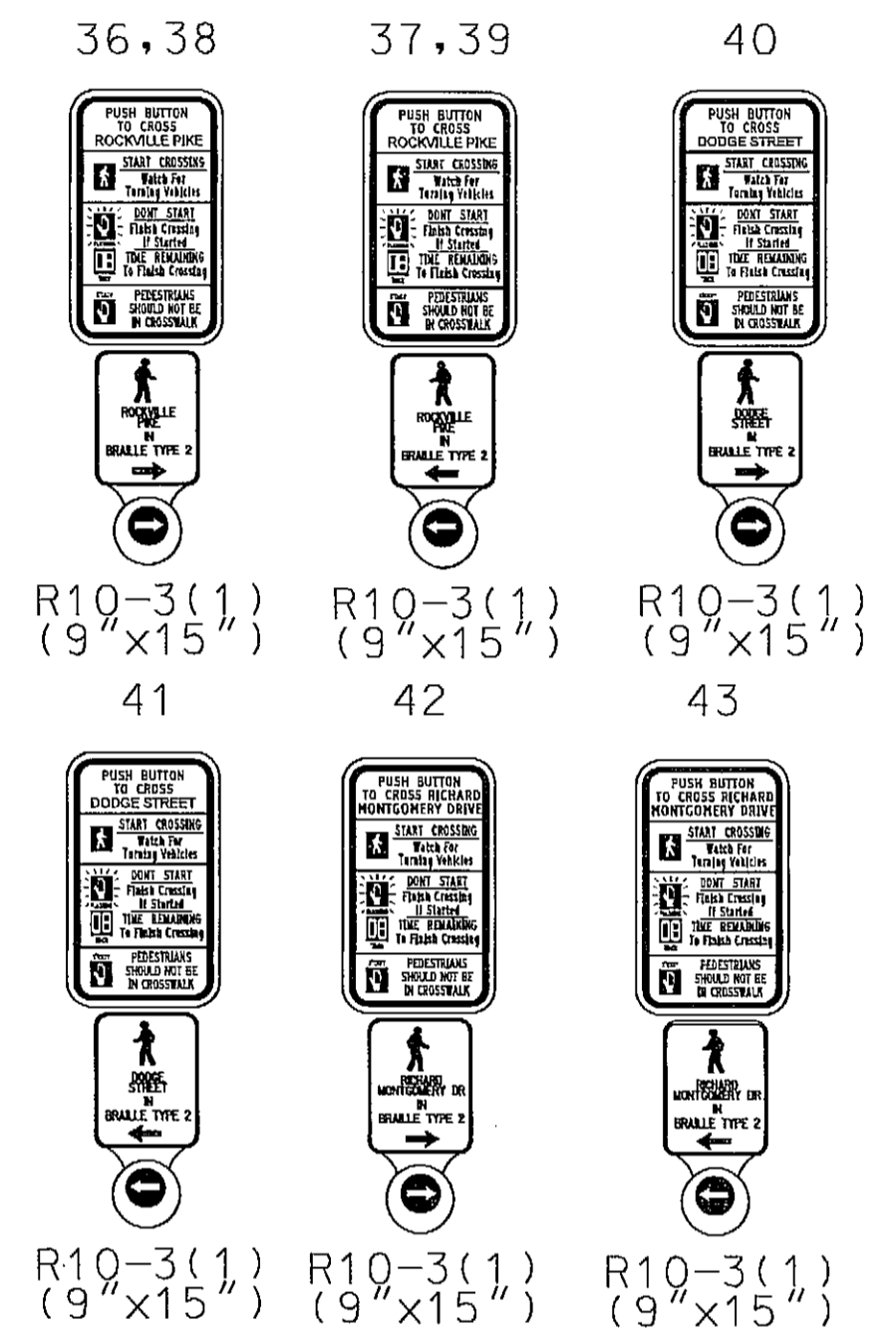
COMM. 1	- 17'-6"
COMM. 2	- 18'-1"
COMM. 3	- 19'-10"
SECONDARY	- 24'-10"

PROPOSED SIGNS

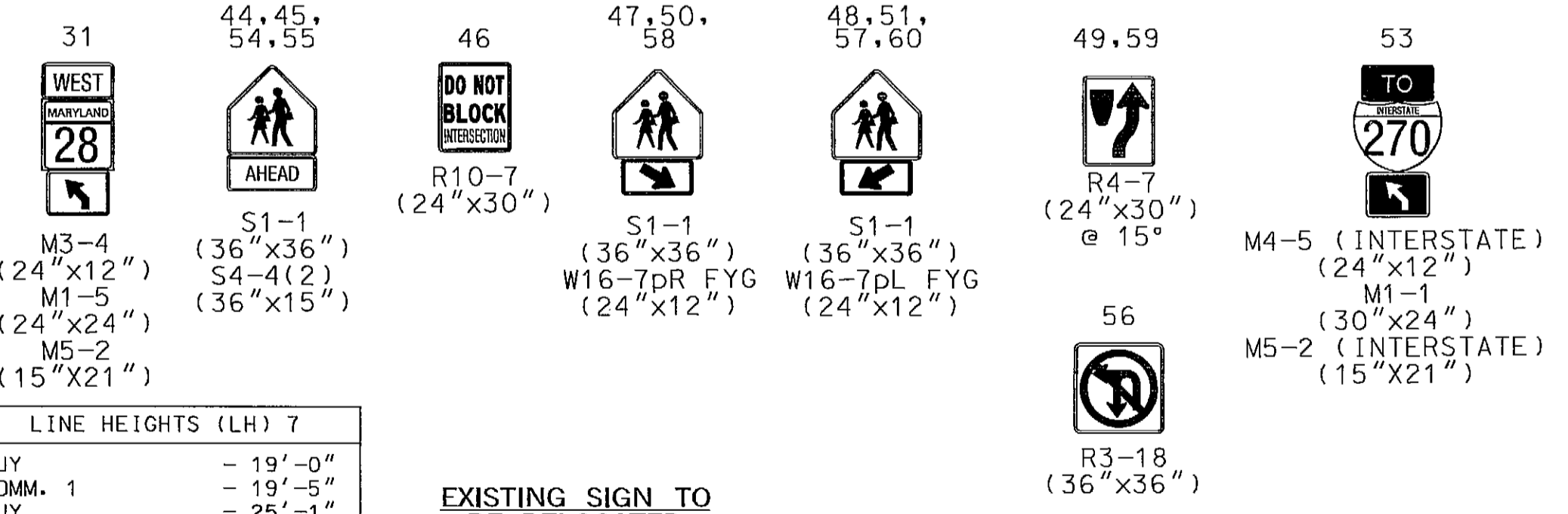


NOTE: PHASES ASSOCIATED BY A DASHED LINE MAY / WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS



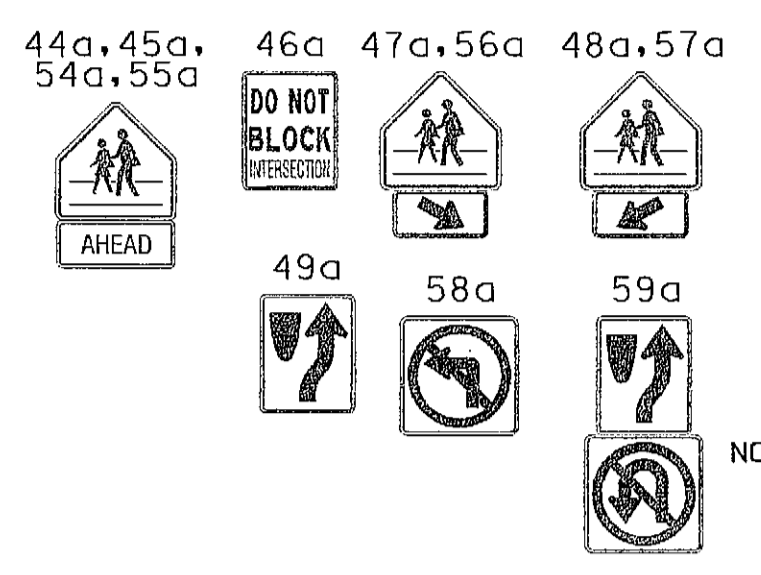
PROPOSED GROUND-MOUNTED SIGNS



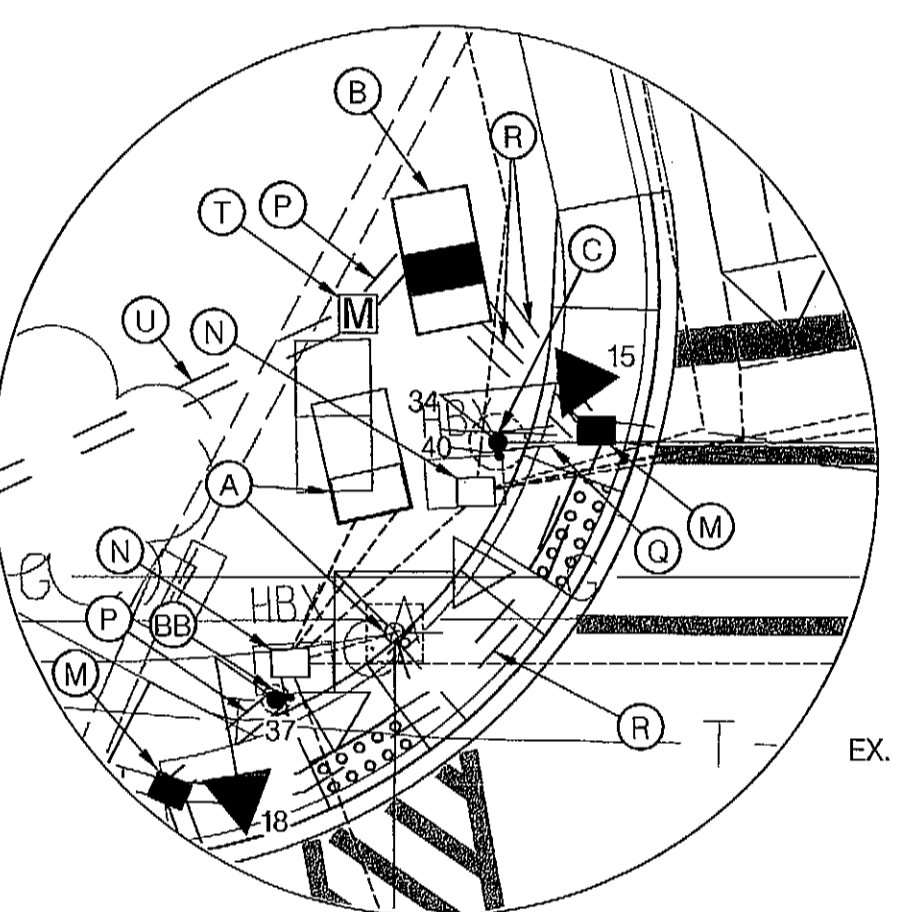
EXISTING SIGN TO BE RELOCATED



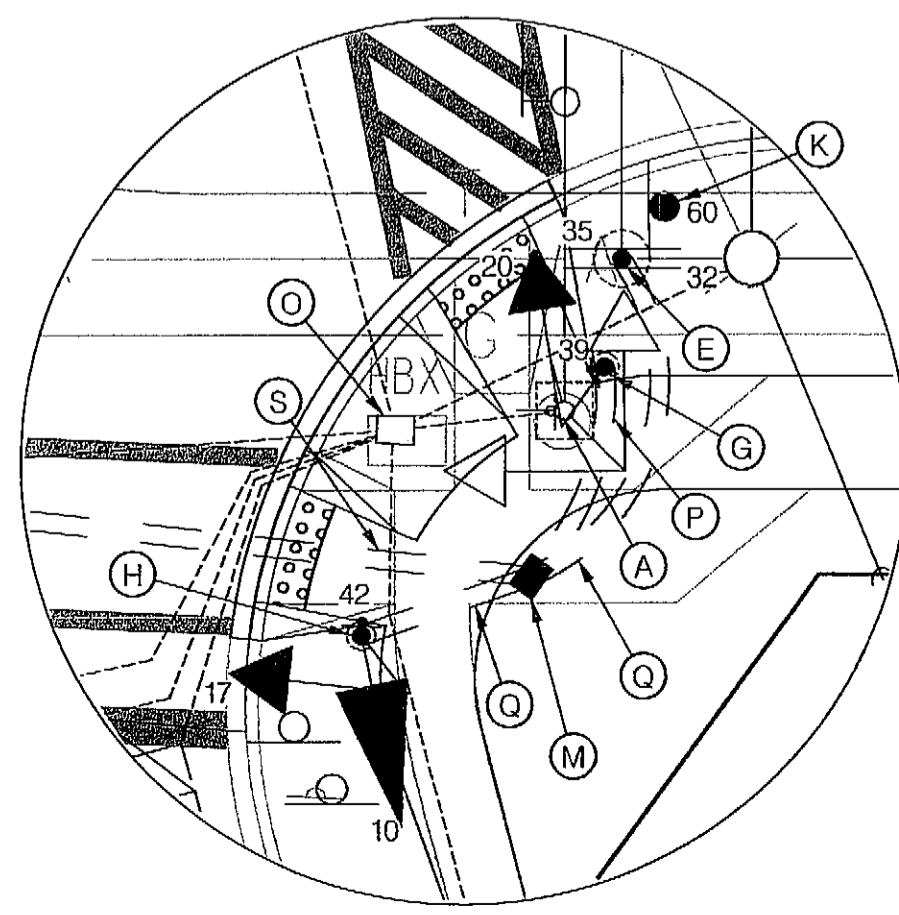
EXISTING GROUND-MOUNTED SIGNS TO BE REMOVED



DETAIL A



DETAIL B



CONSTRUCTION DETAILS

- REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING MAST ARM, ALL SIGNING AND ASSOCIATED EQUIPMENT ON THE EXISTING MAST ARM. THE CONTRACTOR SHALL CONTACT PEPCO TO PERFORM A "WORK WITH" TO DISCONNECT THE EXISTING POWER FEED. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL. CAP AND ABANDON EXISTING CONDUIT.
- INSTALL A SIZE "S" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 1-2 IN. AND 2-4 IN. 90 DEGREE BENDS).
- INSTALL A 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW RIGHT) AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS DODGE STREET", VIDEO DETECTION CAMERA, AND SIGNS (NOTE: 1-3 IN. PVC 90 DEGREE BEND).
- INSTALL A 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA, AND SIGNS (NOTE: 1-3 IN. PVC 90 DEGREE BEND).
- INSTALL A 16.5 FT. STEEL POLE WITH A 15 FT. "T" DIMENSION, 50 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, AND SIGNS (NOTE: 1-3 IN. PVC 90 DEGREE BEND).
- INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER SHA STD. MD 801-01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW RIGHT) AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS ROCKVILLE PIKE" (NOTE: 1-2 INCH PVC 90 DEGREE BEND).
- INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER SHA STD. MD 801-01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS ROCKVILLE PIKE" (NOTE: 1-2 INCH PVC 90 DEGREE BEND).
- INSTALL A 14 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION, TRANSFORMER BASE, LED TRAFFIC SIGNAL HEAD, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW RIGHT) AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS RICHARD MONTGOMERY DRIVE" (NOTE: 1-3 INCH PVC 90 DEGREE BEND).
- INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER SHA STD. MD 801-01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS RICHARD MONTGOMERY DRIVE" (NOTE: 1-2 INCH PVC 90 DEGREE BEND).
- INSTALL NEW GROUND MOUNTED SIGN ON ONE (1) 4 IN. X 6 IN. WOOD SUPPORT.
- INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER SHA STD. MD 801-01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS DODGE STREET" (NOTE: 1-2 INCH PVC 90 DEGREE BEND). SEE GENERAL NOTE 22.
- INSTALL ELECTRICAL HANDHOLE.
- REMOVE EXISTING ELECTRICAL HANDHOLE AND BACKFILL. CAP AND ABANDON EXISTING CONDUIT.
- USE EXISTING HANDHOLE. ADJUST EXISTING HANDHOLE TO GRADE.
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- INSTALL METERED SERVICE PEDESTAL (NOTE: 1-2 INCH AND 1-4 INCH PVC 90 DEGREE BENDS).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR PROPOSED UNDERGROUND POWER SERVICE. CAP AND MARK CONDUIT AND LEAVE 4 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
- INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
- INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR STOPLINE.
- ABANDON EXISTING VIDEO DETECTOR.
- USE EXISTING POLE MOUNTED CABINET. INSTALL NEW 12-PAIR INTERCONNECT CABLE FROM EXISTING CABINET TO PROPOSED CABINET. SEE WIRING DIAGRAM ON SHEET SG-02 FOR DETAILS (SEE NOTE 21).
- RELOCATE EXISTING GROUND MOUNTED SIGN ONTO ONE (1) 4 IN. X 6 IN. WOOD SUPPORT.
- REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
- INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION PER SHA STD. MD 801-01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND R10-3(1) SIGN TO READ "PUSH BUTTON TO CROSS ROCKVILLE PIKE" (NOTE: 1-2 INCH PVC 90 DEGREE BEND).

UTILITY LEGEND

—E—E—	ELECTRIC CABLES	—SD—SD—	STORM DRAIN
—A—A—	AERIAL CABLES	—G—G—	GAS MAIN
—T—T—	TELEPHONE CABLES	—W—W—	WATER MAIN
—F—F—	FIBER-OPTIC	—S—S—	SEWER MAIN

GEOMETRIC LEGEND

—	EXISTING
—	PROPOSED

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SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 355 (ROCKVILLE PIKE) AT
 DODGE STREET /RICHARD MONTGOMERY DRIVE
 ROCKVILLE, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE: 1" = 20'. ADVERTISED DATE: 07/28/1970. CONTRACT NO. _____

DESIGNED BY	COUNTY	MONTGOMERY
DRAWN BY	LOGMILE	15035509.05
CHECKED BY	TIMS NO.	
F.A.P. NO.	TOD NO.	

TS NO. 49C | DRAWING **SG-01** OF 05 | SHEET NO. ____ OF ____