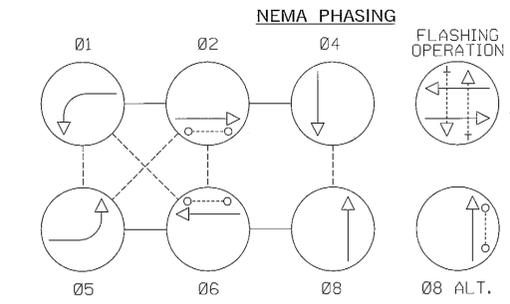
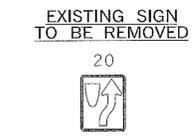
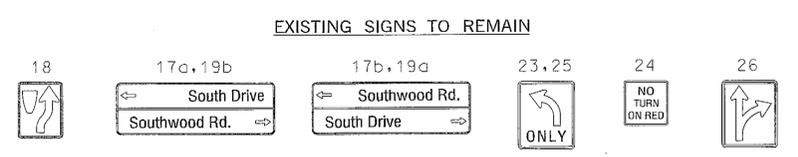
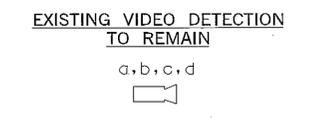
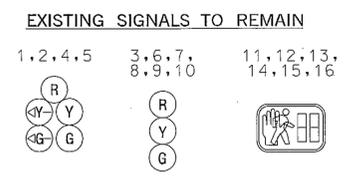
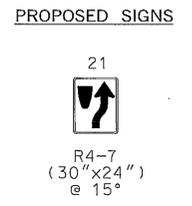


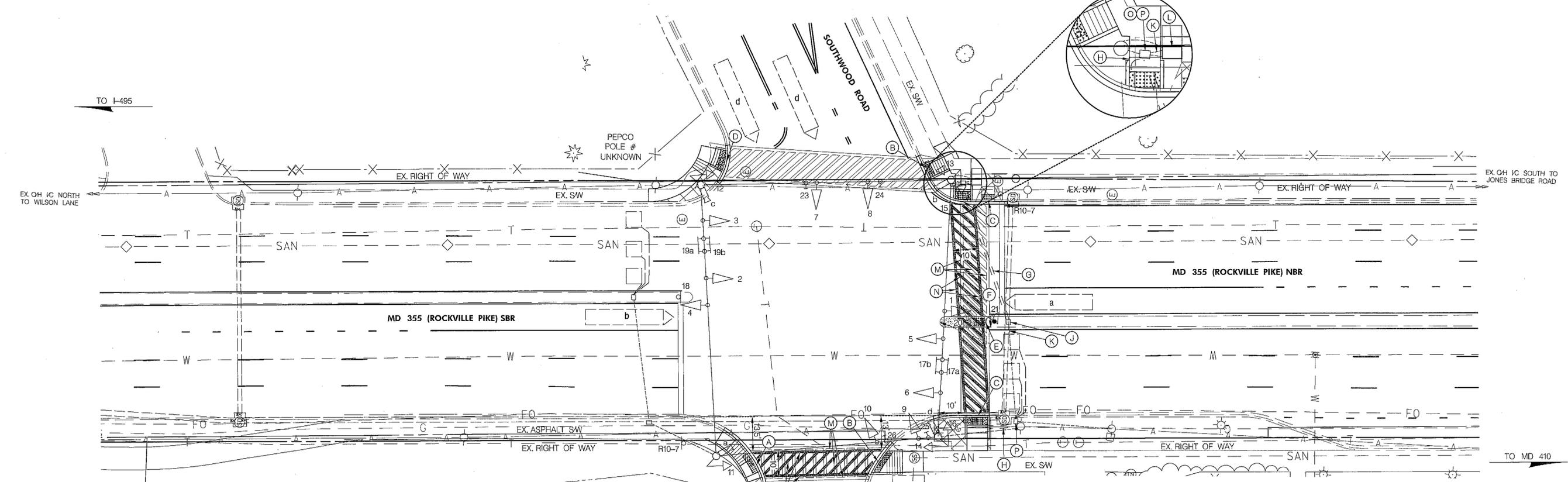
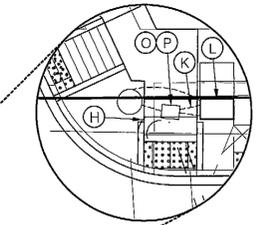
MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



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



SE CORNER
SCALE: 1" = 10'



- CONSTRUCTION DETAILS**
- REMOVE EXISTING SIDEWALK AND RAMP. CONSTRUCT NEW SIDEWALK AND RAMP PER SHA STD. MD 655.12 WITH DETECTABLE WARNING SURFACE PER SHA STD. MD 655.40 (SEE DETAIL ON SG-02).
 - REMOVE EXISTING SIDEWALK AND RAMP. CONSTRUCT NEW SIDEWALK AND RAMP (8 FT WIDE) PER SHA STD. MD 655.11, WITH BACKER CURB IN LIEU OF SIDE FLARES, AND DETECTABLE WARNING SURFACE PER SHA STD. MD 655.40 (SEE DETAIL ON SG-02).
 - REMOVE EXISTING SIDEWALK AND RAMP. CONSTRUCT NEW SIDEWALK AND RAMP WITH BACKER CURB IN LIEU OF SIDE FLARES, TWO (2) X-FLO IN GROUND 2'X3' CURBSIDE PEDESTRIAN DETECTORS AND DETECTABLE WARNING SURFACE PER SHA STD. MD 655.40 AS SHOWN (SEE DETAIL ON SG-02).
 - REMOVE EXISTING SIDEWALK AND RAMP. CONSTRUCT NEW SIDEWALK AND RAMP WITH DETECTABLE WARNING SURFACE PER SHA STD. MD 655.40 (SEE DETAIL ON SG-02).
 - PULL BACK EXISTING MEDIAN NOSE, REMOVE EXISTING SIGN NUMBER 20 AND CUT-THROUGH. REPLACE EXCAVATED MEDIAN WITH 2 LAYERS OF 5 IN. CONCRETE. SEE DETAIL ON SG-02.
 - INSTALL GROUND MOUNTED SIGN ON ONE (1) 4 IN. X 4 IN. WOOD SUPPORT (SEE NOTE 11).
 - INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED.
 - INSTALL 4 IN. DETECTOR SLEEVE GALVANIZED OR FLEXIBLE LIQUID TIGHT - TRENCHED.
 - USE EXISTING HANDHOLE.
 - USE EXISTING CONDUIT (SEE NOTE 5).
 - USE EXISTING BASE MOUNTED CABINET.
 - REMOVE EXISTING PAVEMENT MARKINGS.
 - INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES FOR CROSSWALK (SEE NOTES 9 AND 12).
 - ADJUST EXISTING HANDHOLE TO GRADE.
 - USE EXISTING HANDHOLE AND SPLICE DETECTOR CABLE TO ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED) USING SHA APPROVED WATER TIGHT SPLICE. SEE WIRING DIAGRAM FOR DETAILS.

- GENERAL NOTES**
- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
 - THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 - THE CONTRACTOR SHALL INTEGRATE EXISTING CONCRETE FOUNDATIONS WITH NEW CURB/SIDEWALK RAMP WHERE NECESSARY.
 - MONTGOMERY COUNTY WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
 - THE CONTRACTOR SHALL NOTIFY MR. KAMAL HAMUD AT 240-777-8761 OF THE MONTGOMERY COUNTY DOT SEVENTY TWO (72) HOURS PRIOR TO BEGINNING CONSTRUCTION.
 - THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS ON NEWLY CONSTRUCTED RAMPS.
 - ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
 - THE CONTRACTOR SHALL REFER TO FIGURE 3B-17G OF THE 2006 MARYLAND M.U.T. C.D., FOR CROSSWALK PAVEMENT MARKING DETAIL.
 - THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK AT THE NEAREST JOINT.
 - WOOD SUPPORTS INSTALLED IN CONCRETE/BRICK SHALL BE INSTALLED WITH SLEEVED FOUNDATIONS AS PER STANDARDS MD 812.05-01 AND MD 812.05-02.
 - THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS THAT ARE WITHIN PROPOSED CROSSWALKS AND BETWEEN PROPOSED CROSSWALKS AND PROPOSED STOPLINES.

TOD NO: XX439-05
SHA NO: MO242B53
MD 355 @ S. Drive/Southwood Rd

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 (ROCKVILLE PIKE) AT
SOUTH DRIVE /SOUTHWOOD ROAD
BETHESDA, MARYLAND

TRAFFIC SIGNALIZATION PLAN SHEET

SCALE: 1" = 20' ADVERTISED DATE: 05/01/2014 CONTRACT NO. _____

DESIGNED BY: _____ COUNTY: MONTGOMERY
DRAWN BY: WJN LOGMILE: 15035502.73
CHECKED BY: _____ TMS NO.: G838
F.A.P. NO.: _____ TOD NO.: _____

TS NO. 4428C DRAWING SG-01 OF 02 SHEET NO. 01 OF 02

APPROVALS	REVISIONS
TEAM LEADER	1. INSTALL IN GROUND PEDESTRIAN DETECTION FOR THE SOUTH LEG CROSSINGS. SHA NO. XX4390186 TMS # 1275 01/20/14
ASST. DIV. CHIEF	2. INSTALL PEDESTRIAN COUNTDOWN SIGNALS FOR SOUTH LEG. 07-01-05
DIVISION CHIEF	3. C.J.W. 05-20-03
OFFICE DIRECTOR	

ORIGINAL ON FILE

STV
STV Incorporated
7125 Ambassador Road, Suite 200
Baltimore, MD 21244
www.stvinc.com

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