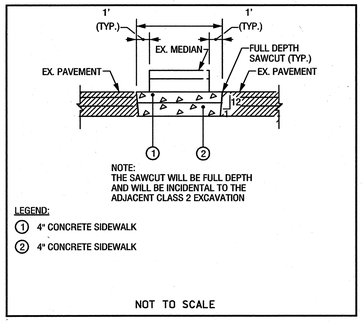
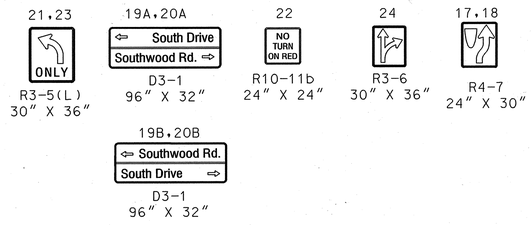
MEDIAN REPLACEMENT DETAIL

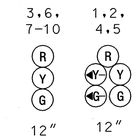


NOT TO SCALE

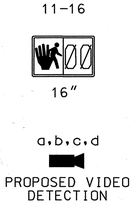
EXISTING SIGNS



EXISTING SIGNALS

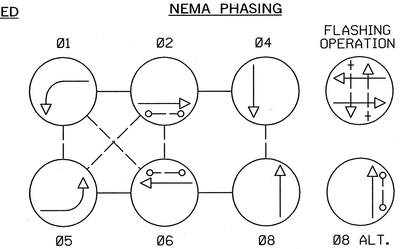


PROPOSED SIGNALS

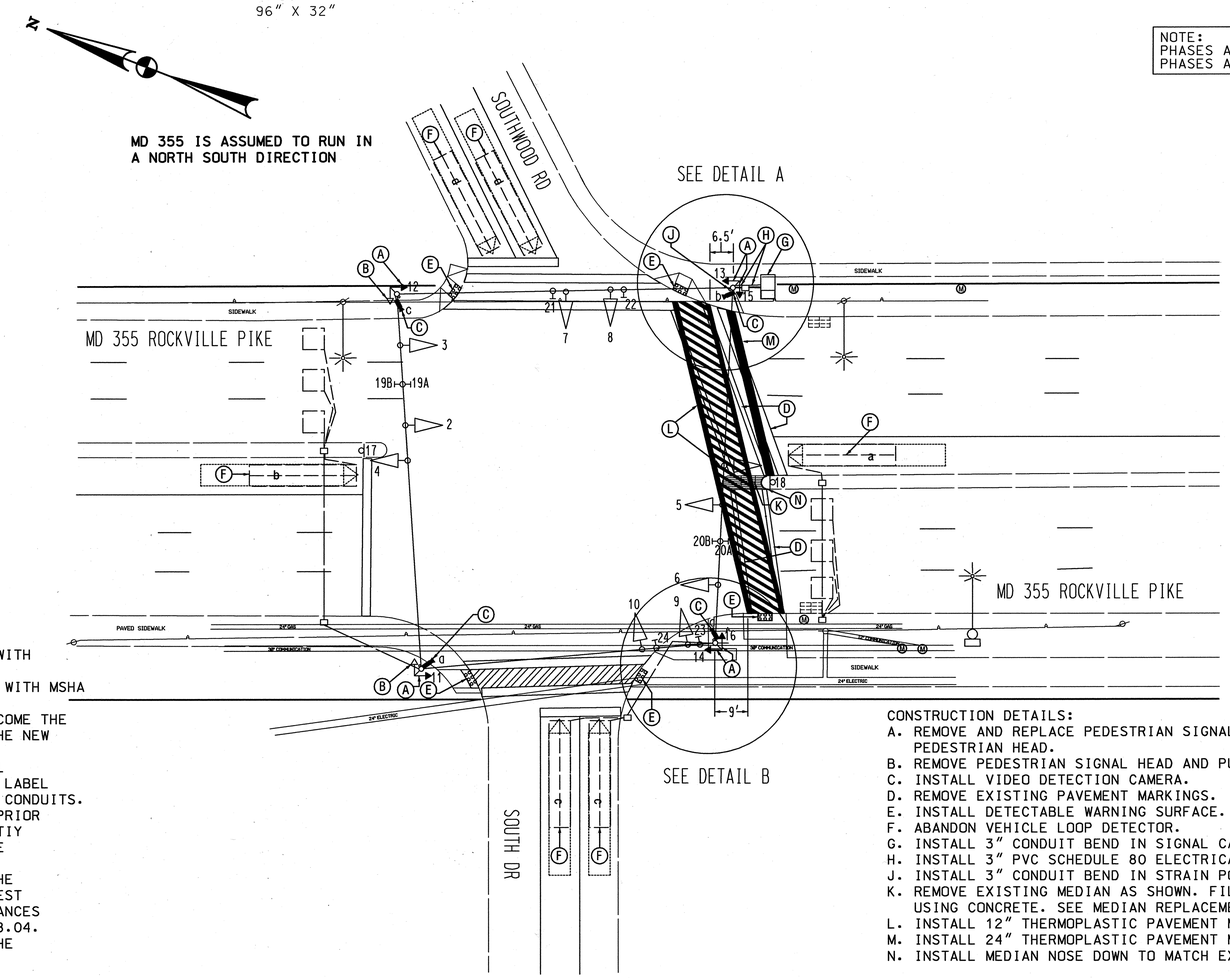


SIGNALS TO BE REMOVED

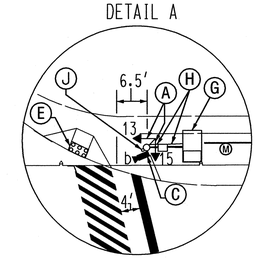
NEMA PHASING

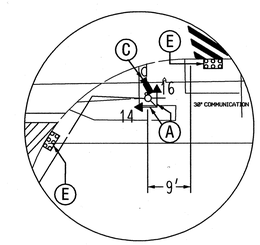


NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



DETAIL A





DETAIL B

GENERAL NOTES:

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE. ANY UNUSED WIRES SHALL BE REMOVED FROM THE CONDUITS.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

CONSTRUCTION DETAILS:

A. REMOVE AND REPLACE PEDESTRIAN SIGNAL HEAD WITH 16 INCH COUNTDOWN PEDESTRIAN HEAD.
B. REMOVE PEDESTRIAN SIGNAL HEAD AND PUSH BUTTON FOR MD 355 CROSSING.
C. INSTALL VIDEO DETECTION CAMERA.
D. REMOVE EXISTING PAVEMENT MARKINGS.
E. INSTALL DETECTABLE WARNING SURFACE.
F. ABANDON VEHICLE LOOP DETECTOR.
G. INSTALL 3" CONDUIT BEND IN SIGNAL CABINET FOUNDATION.
H. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT TRENCHED.
J. INSTALL 3" CONDUIT BEND IN STRAIN POLE FOUNDATION.
K. REMOVE EXISTING MEDIAN AS SHOWN. FILL AND MATCH GRADE USING CONCRETE. SEE MEDIAN REPLACEMENT DETAIL.
L. INSTALL 12" THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
M. INSTALL 24" THERMOPLASTIC PAVEMENT MARKINGS FOR STOP BAR.
N. INSTALL MEDIAN NOSE DOWN TO MATCH EXISTING.

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

FILE:r:\72-22\task 22\f272gp72.dgn
DATE:10-Mar-04 10:00

REVISIONS		APPROVALS
B	07-01-05 Install pedestrian countdown signals for south leg.	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
CJW		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A	05-10-05 As-built.	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CJW		DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINATION FILE

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 355 (ROCKVILLE PIKE) AND SOUTH DR. /SOUTHWOOD ROAD

DRAWN BY:	WJN	F.A.P. NO.	-	TS NO. 4428	SHEET NO.
CHECKED BY:	-	S.H.A. NO.	-		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. 0838	1 OF 2
DATE:	05/31/1984	LOG MILE:	15035502.73		