CHERRY HILL ROAD IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

17,37

R3-5(R)
30"x36"

18,19
38,39

R10-1
12"x9"

12,32

D-3(I)
(VARIABLE x 16")

15,35

D-3(I)
(VARIABLE x 16")

16,36

D-3(I)
(VARIABLE x 16")

13,14
33,34

R10-12
30"x36"

SIGNAL HEADS

3,4,22,23

12 IN.

7,27

12 IN.

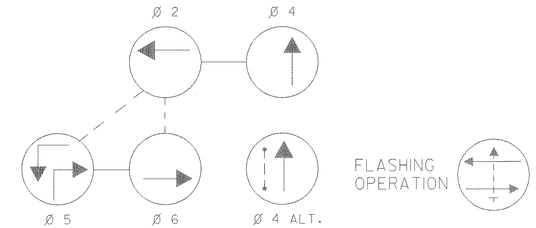
1,2,5,6,20,
21,24,25,26

12 IN.

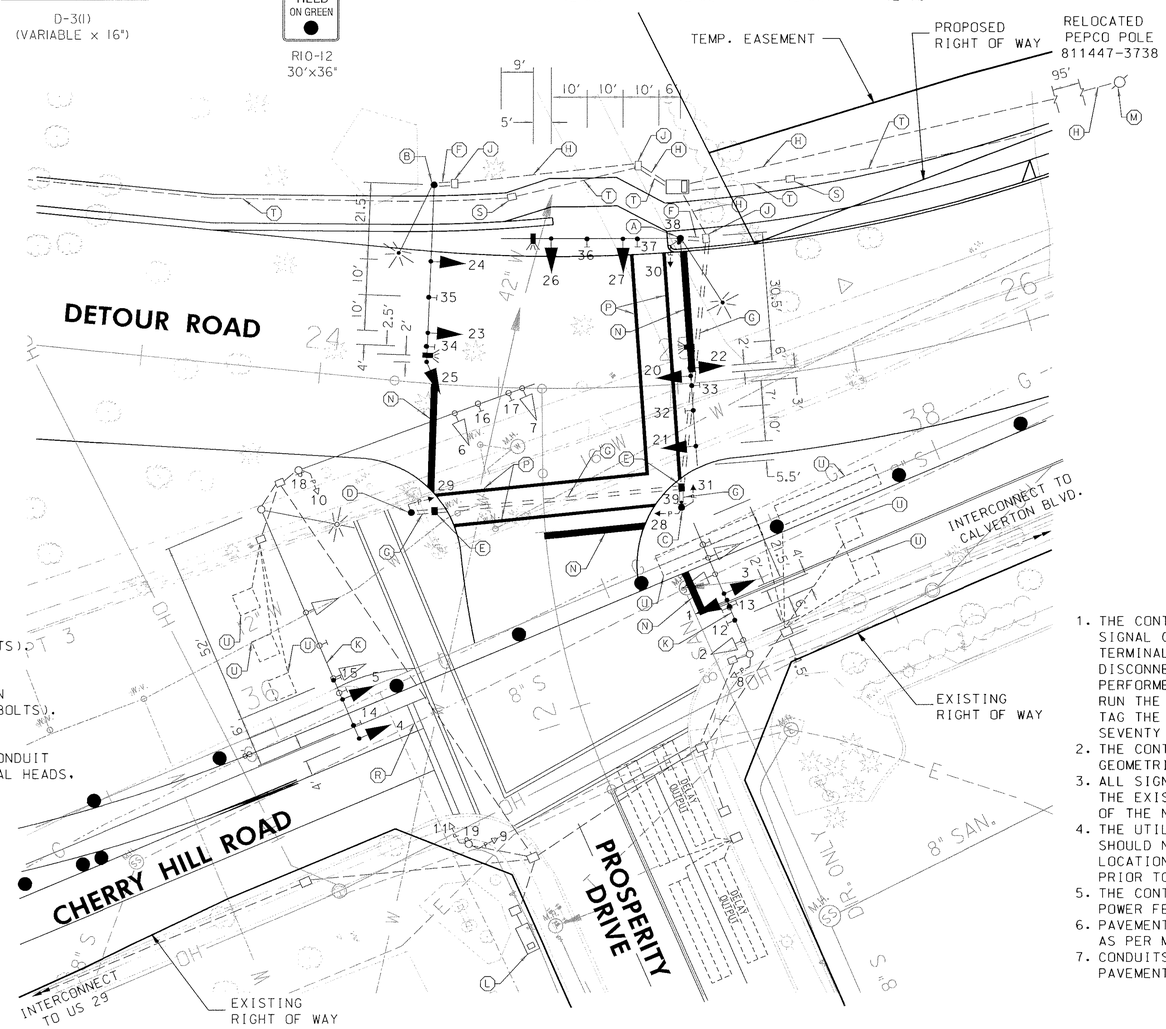
8-11
28-31

12 IN.

CHERRY HILL ROAD NEMA PHASING



PHASING NOTES:
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. STEEL POLE WITH A TWIN 64'/50' MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN, 20' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE AND TWO VIDEO DETECTION CAMERAS (NOTE: 1-3" PVC 90 DEGREE ANGLE CONDUIT BEND AND 4-1 3/4" Dia. x 60" LONG ANCHOR BOLTS). COVER SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND SIGNS, COVERS WILL BE REMOVED UNDER FINAL PHASE OF TRAFFIC CONTROL PLANS.
B. INSTALL 27' STEEL POLE WITH 50' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, 20' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE AND VIDEO DETECTION CAMERA (NOTE: 1-3" PVC 90 DEGREE ANGLE CONDUIT BEND AND 4-1 3/5 " Dia. x 60" LONG ANCHOR BOLTS). COVER SIGNAL HEADS AND SIGNS, COVERS WILL BE REMOVED UNDER FINAL PHASE OF TRAFFIC CONTROL PLANS
C. INSTALL 10' PEDESTAL POLE, 2 WAY PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN (NOTE: 1-4" CONDUIT BEND AND 4-1" Dia. x 36" LONG ANCHOR BOLTS). COVER PEDESTRIAN SIGNAL HEADS, COVERS WILL BE REMOVED UNDER FINAL PHASE OF TRAFFIC CONTROL PLANS.
D. INSTALL 10' PEDESTAL POLE AND PEDESTRIAN SIGNAL HEAD (NOTE: 1-3" CONDUIT BEND AND 4-1" Dia x 36" LONG ANCHOR BOLTS). COVER PEDESTRIAN SIGNAL HEADS, COVERS WILL BE REMOVED UNDER FINAL PHASE OF TRAFFIC CONTROL PLANS
E. INSTALL HANDHOLE.
F. INSTALL 3" SCHEDULE 80 RIGID PVC - TRENCHED.
G. INSTALL 4" SCHEDULE 80 RIGID PVC - BORED.
H. USE EXISTING CONDUIT
J. USE EXISTING HANDHOLE
K. USE EXISTING MAST ARM AND RELOCATE SIGNAL HEADS AS DIRECTED BY THE ENGINEER.
L. REWIRE CONTOLLER AS NEEDED
M. PROPOSED SERVICE.
N. INSTALL 24" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
P. INSTALL 12" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
R. REMOVE EXISTING PAVEMENT MARKING
S. HANDHOLE INSTALLED UNDER INTERCONNECT PLANS
T. 4" SCHEDULE 80 RIGID PVC CONDUIT INSTALLED UNDER INTERCONNECT PLANS
U. ABANDON EXISTING LOOP DETECTOR

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE, EXCLUDING INTERCONNECT, TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE. DISCONNECTING AND SPLICING OF INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO BASE OF EACH CABINET AND PROPERLY TAG THE CABLE. CONTACT MR. BOB GONZALES AT (240) 777-8761 SEVENTY TWO (72) IN ADVANCE OF INTENDED WORK.
2. THE CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING ANY SIGNAL EQUIPMENT.
3. ALL SIGNAL POLES AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE. THE EXISTING SIGNAL SHALL REMAIN OPERATIONAL UNTIL ENERGIZING OF THE NEW SIGNAL, INCLUDING TESTING, IS COMPLETE.
4. THE UTILITIES SHOWN ARE FOR GRAPHICAL REPRESENTATION ONLY AND SHOULD NOT BE CONSIDERED COMPLETE. THE CONTRACTOR MUST VERIFY THE LOCATIONS OF ALL PROPOSED AND EXISTING UTILITIES IN THE WORK AREA PRIOR TO EXECUTING ANY WORK.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE TRAFFIC SIGNAL POWER FEED WITH PEPCO.
6. PAVEMENT MARKINGS DETAILED ARE TO BE INSTALLED BY THE CONTRACTOR AS PER MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS.
7. CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.

PHASE 4
TEMPORARY TRAFFIC SIGNAL

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—OH—OH—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

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BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
(A) Phase 3 of Construction	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
CHERRY HILL AT PROSPERITY DRIVE
SIGNAL PLAN

DESIGNED BY: JCR	F.A.P. NO. SEE TITLE SHEET	TS NO. 4116A	SHEET NO.
CHECKED BY: BLB	S.H.A. NO. M06145170		
SCALE: 1"=20'	COUNTY: MONTGOMERY	T.I.M.S. NO.	
DATE: JUNE 2001	LOG MILE: 150PR000.00		45 OF 77

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