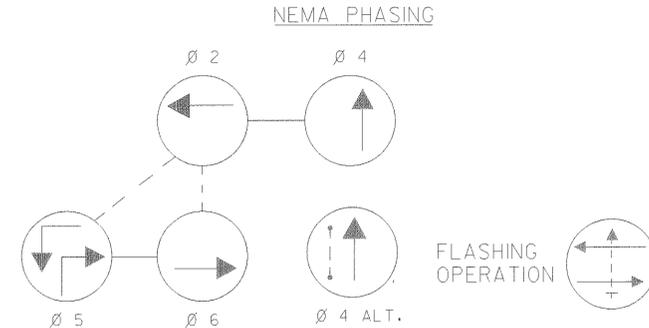
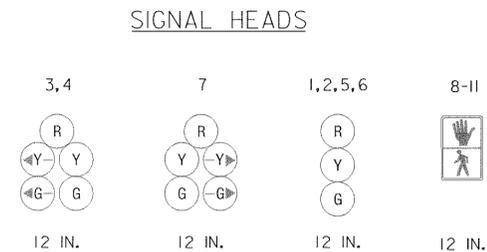
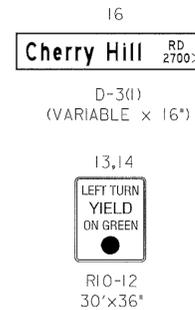
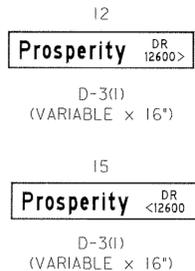


CHERRY HILL ROAD IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

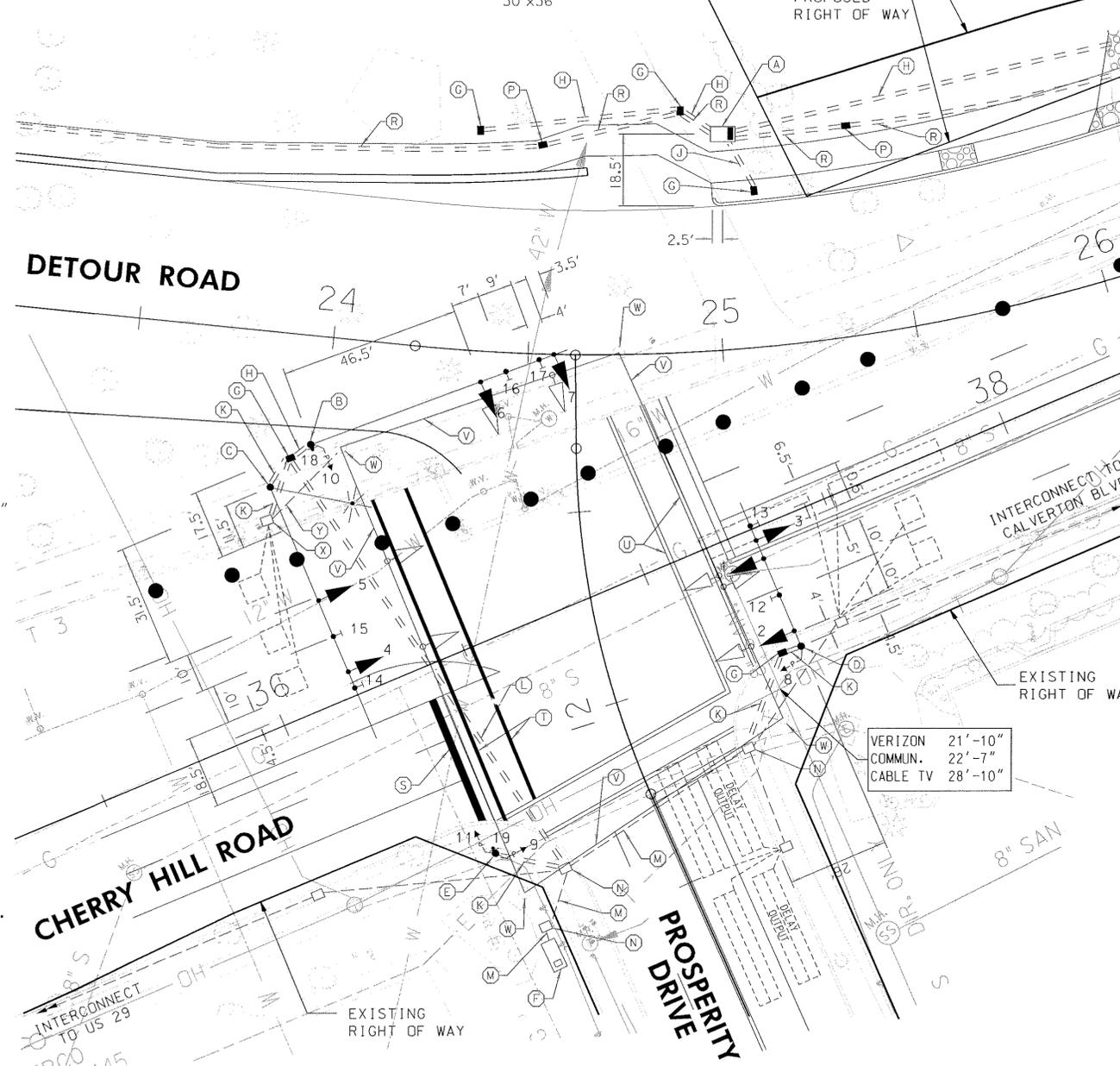


CONSTRUCTION DETAILS

- A. INSTALL NEMA SIZE '6' BASE MOUNTED CABINET (WIRED FOR PHASE 3 OPERATION) W/LAU WITH CONTROL AND DISTRIBUTION (NOTE: 3-4" AND 2-3" PVC 90 DEGREE ANGLE CONDUIT BENDS).
- B. INSTALL 21' STEEL POLE WITH 70' MAST ARM (2' ABOVE GRADE), TRAFFIC SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEAD, AND PUSHBUTTON AND SIGN (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND AND 4 - 2" Dia. x 60" LONG ANCHOR BOLTS).
- C. INSTALL 27' STEEL POLE WITH 70' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND 20' LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND AND 4 - 2" Dia. x 60" LONG ANCHOR BOLTS).
- D. INSTALL 21' STEEL POLE WITH 40' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND PEDESTRIAN SIGNAL HEAD (NOTE: 1-3" PVC 90 DEGREE CONDUIT BEND AND 4 - 1 3/4" Dia. x 60" LONG ANCHOR BOLTS).
- E. INSTALL 10' PEDESTAL POLE AND 2WAY PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN (NOTE: 1-3" PVC 90 DEGREE ANGLE CONDUIT BEND AND 4 - 1" Dia x 40" LONG ANCHOR BOLTS).
- F. REWIRE CONTROLLER AS NEEDED.
- G. INSTALL HANDHOLE.
- H. INSTALL 3" SCHEDULE 80 RIGID PVC - TRENCHED.
- J. INSTALL 4" SCHEDULE 80 RIGID PVC - TRENCHED.
- K. INSTALL 3" SCHEDULE 80 RIGID PVC - BORED.
- L. INSTALL 4" SCHEDULE 80 RIGID PVC - BORED.
- M. USE EXISTING CONDUIT.
- N. USE EXISTING HANDHOLE.
- P. HANDHOLE INSTALLED UNDER INTERCONNECT PLANS.
- R. 4" SCHEDULE 80 RIGID PVC CONDUIT INSTALLED UNDER INTERCONNECT PLANS.
- S. INSTALL 24" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
- T. INSTALL 12" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
- U. REMOVE EXISTING PAVEMENT MARKINGS.
- V. REMOVE EXISTING STRAIN POLE, SPAN WIRE, SIGNAL HEADS, SIGNS AND CABLE.
- W. REMOVE EXISTING POLE FOUNDATION TO 1' BELOW FINAL GRADE.
- X. SPLICE EXISTING SAMPLING LOOP IN EXISTING HANDHOLE.
- Y. CAP AND ABANDON EXISTING CONDUIT

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE, EXCLUDING INTERCONNECT, TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
2. 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.
3. WHEN INSTALLING THE SIGNAL HEADS, THE CONTRACTOR MUST PROVIDE ENOUGH CABLE TO BE ABLE TO RELOCATE SIGNAL HEADS DURING PHASE 4 OF MAINTENANCE OF TRAFFIC.
4. THE CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING ANY SIGNAL EQUIPMENT. ALL SIGNAL POLES AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE EXCEPT POLE DETAIL B.
5. THE EXISTING SIGNAL SHALL REMAIN OPERATIONAL UNTIL ENERGIZING OF THE NEW SIGNAL, INCLUDING TESTING, IS COMPLETE.
6. THE UTILITIES SHOWN ARE FOR GRAPHICAL REPRESENTATION ONLY AND SHOULD NOT BE CONSIDERED COMPLETE.
7. THE CONTRACTOR MUST VERIFY THE LOCATIONS OF ALL PROPOSED AND EXISTING UTILITIES IN THE WORK AREA PRIOR TO EXECUTING ANY WORK.
8. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE TRAFFIC SIGNAL POWER FEED WITH PEPCO.
9. PAVEMENT MARKINGS DETAILED ARE TO BE INSTALLED BY THE CONTRACTOR AS PER MARYLAND STATE HIGHWAY ADMINISTRATION STANDARDS.
10. CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
11. SIGNAL WILL MAINTAIN OPERATION AS SHOWN FOR PHASE I UNDER PHASE 2 & 3 OF CONSTRUCTION.



UTILITY LEGEND

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

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REVISIONS	APPROVALS
	<i>Michael R. ...</i> TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> DIRECTOR, TRAFFIC & SAFETY

PHASE I
TEMPORARY TRAFFIC SIGNAL

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. MO6145170	TS NO. 4116	SHEET NO.
CHECKED BY: BLB	COUNTY: MONTGOMERY	T.I.M.S. NO.	43 OF 17
SCALE: 1"=20'	LOG MILE: 150P000.00		
DATE: JUNE 2001			

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