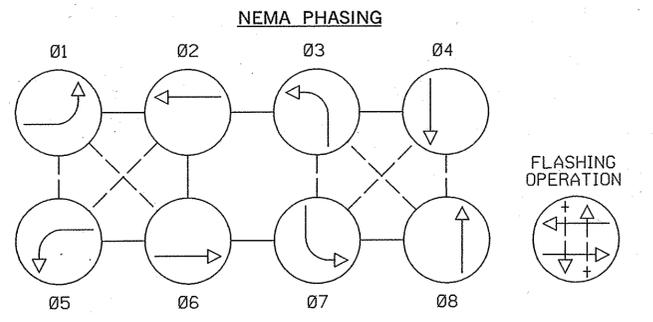
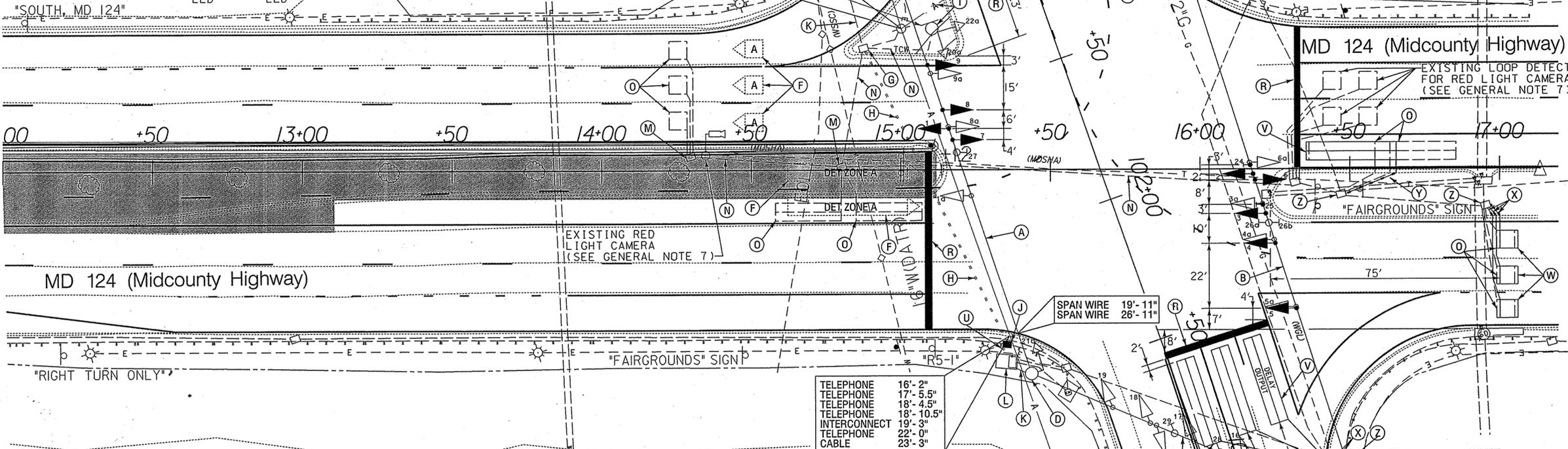
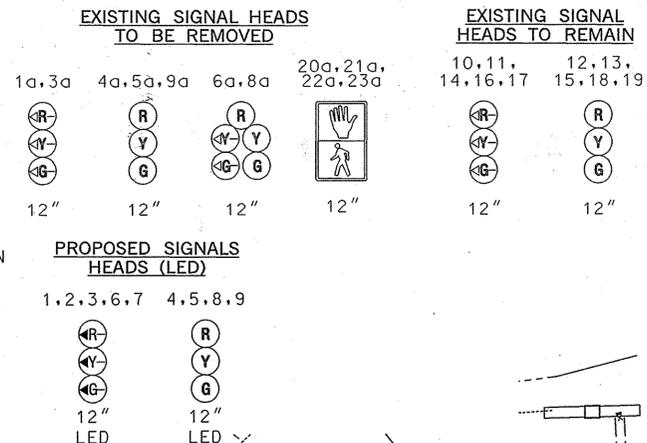
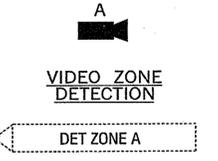




MD 124 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



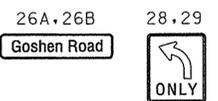
PROPOSED VIDEO DETECTION CAMERA



PROPOSED SIGNS



EXISTING SIGNS TO REMAIN



EXISTING SIGN TO BE REMOVED



GENERAL NOTES:

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLES.
- THE CONTRACTOR SHALL CONTACT MR. MIKE KINNEY OF MONTGOMERY COUNTY D.P.W. AT (240) 777-8780 FOR RED LIGHT CAMERA EQUIPMENT RELOCATION/REPLACEMENT 3 WEEKS PRIOR TO RED LIGHT CAMERA EQUIPMENT BEING IMPACTED BY CONSTRUCTION.

CONSTRUCTION DETAILS

- USE EXISTING SPAN WIRE. INSTALL SIGNAL HEADS AND REMOVE EXISTING SIGNAL HEADS AND SIGN AS NOTED.
- USE EXISTING SPAN WIRE. INSTALL SIGNAL HEADS AND SIGNS AND REMOVE EXISTING SIGNAL HEADS AS NOTED.
- USE EXISTING SPAN WIRE.
- USE EXISTING STRAIN POLE. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD.
- USE EXISTING STRAIN POLE AND INSTALL 15 FT. STREET LIGHTING ARM AND VIDEO DETECTION CAMERA MOUNTED ON STREET LIGHTING ARM.
- VIDEO DETECTION IMAGE ZONE.
- USE EXISTING HANDHOLE.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING CABINET AND CONTROLLER. INSTALL 1-4 IN. SCHEDULE 80 CONDUIT BEND IN EXISTING BASE.
- REMOVE EXISTING HANDHOLE.
- ABANDON EXISTING CONDUIT.
- ABANDON EXISTING LOOP DETECTOR.
- USE EXISTING STRAIN POLE. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD. RAISE EXISTING SPAN WIRE ACROSS MD 124 BY APPROXIMATELY 2 FEET TO PROVIDE ADEQUATE CLEARANCE FOR SIGNAL HEADS OVER ROADWAY. RAISING SPAN WIRE WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO OTHER PERTINENT ITEMS IN THE CONTRACT.
- USE EXISTING STRAIN POLE. RAISE EXISTING SPAN WIRE ACROSS MD 124 BY APPROXIMATELY 2 FEET TO PROVIDE ADEQUATE CLEARANCE FOR SIGNAL HEADS OVER ROADWAY. RAISING SPAN WIRE WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO OTHER PERTINENT ITEMS IN THE CONTRACT.
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
- REMOVE EXISTING PEDESTAL POLE AND PEDESTRIAN SIGNAL HEADS. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

CONSTRUCTION DETAILS

- INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- USE EXISTING HANDHOLE. SPLICE NEW LOOP WIRE (NO. 14 A.W.G.) TO EXISTING 2-CONDUCTOR (NO. 14 A.W.G.) ALUMINUM SHIELDED ELECTRICAL CABLES. SPLICING ELECTRICAL CABLES WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO OTHER PERTINENT ITEMS IN THE CONTRACT.

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

WR&A

Whitman, Reardon and Associates, LLP

801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

BY: JRASMUSSEN

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
(C) ADDED DOUBLE LEFT TURN FOR NB MD 124 CONTRACT NO. M03705176 2/07/06	
(B) ADDED EAST LEG PEDESTRIAN PHASE SHA NO. BW996M82 11/30/04	
(A) MODIFICATION DUE TO DOUBLE LEFT TURN LANE CONSTRUCTION SHA NO. BW996M82 3/18/03	

SIGNALIZATION PLAN			
SCALE 1" = 20'	DATE 03/31/2006	CONTRACT NO. M03705176	
DESIGNED BY M.A.M.	COUNTY MONTGOMERY		
DRAWN BY M.A.M.	LOGMILE		
CHECKED BY D.DODA	T.I.M.S. NO. H630		
F.A.P. NO. SEE TITLE SHEET	TOD NO. TS-2413C		
DRAWING NO. TSP-1	OF 2	SHEET NO.	OF

PLOTTED: PLOT TIME: 08:56 AM ON FRIDAY, MARCH 31, 2006
FILE: N:\3155611\CADD\PSG-P001.MD124.DGN