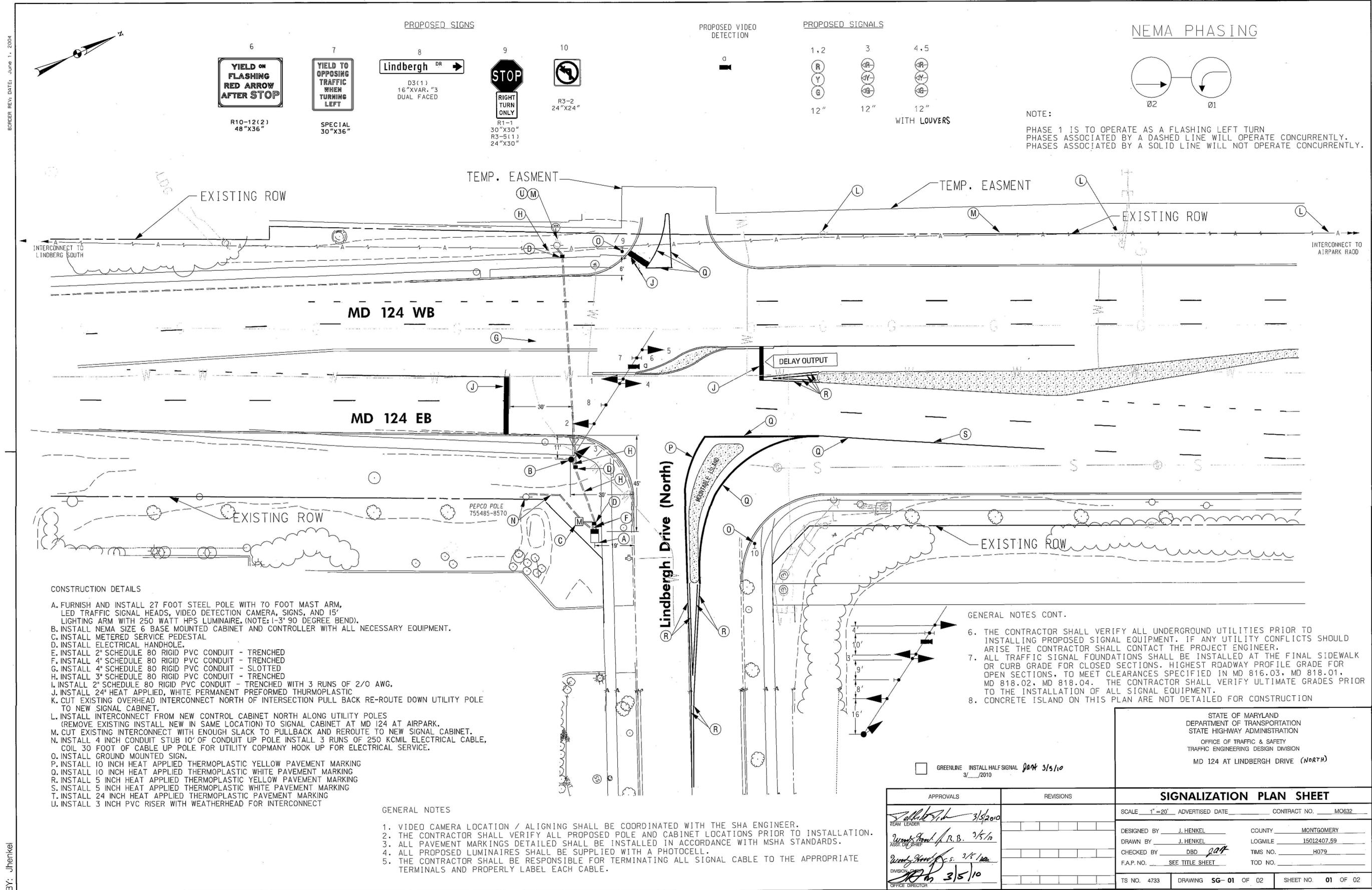


REVISION DATE: June 1, 2004

DRILL HOLES

DRILL HOLES

DRILL HOLES



PROPOSED SIGNS

6
YIELD ON FLASHING RED ARROW AFTER STOP
R10-12(2)
48"X36"

7
YIELD TO OPPOSING TRAFFIC WHEN TURNING LEFT
SPECIAL
30"X36"

8
Lindbergh DR
D3(1)
16"XVAR. "3
DUAL FACED

9
STOP
RIGHT TURN ONLY
R1-1
30"X30"
R3-5(1)
24"X30"

10
R3-2
24"X24"

PROPOSED VIDEO DETECTION



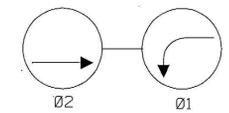
PROPOSED SIGNALS

1,2
R
Y
G
12"

3
R
Y
G
12"

4,5
R
Y
G
12"
WITH LOUVERS

NEMA PHASING



NOTE:
PHASE 1 IS TO OPERATE AS A FLASHING LEFT TURN
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

- A. FURNISH AND INSTALL 27 FOOT STEEL POLE WITH 70 FOOT MAST ARM, LED TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA, SIGNS, AND 15' LIGHTING ARM WITH 250 WATT HPS LUMINAIRE. (NOTE: 1-3" 90 DEGREE BEND).
- B. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT.
- C. INSTALL METERED SERVICE PEDESTAL
- D. INSTALL ELECTRICAL HANDHOLE.
- E. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- F. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- G. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
- H. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- I. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED WITH 3 RUNS OF 2/0 AWG.
- J. INSTALL 24" HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC.
- K. CUT EXISTING OVERHEAD INTERCONNECT NORTH OF INTERSECTION PULL BACK RE-ROUTE DOWN UTILITY POLE TO NEW SIGNAL CABINET.
- L. INSTALL INTERCONNECT FROM NEW CONTROL CABINET NORTH ALONG UTILITY POLES (REMOVE EXISTING INSTALL NEW IN SAME LOCATION) TO SIGNAL CABINET AT MD 124 AT AIRPARK.
- M. CUT EXISTING INTERCONNECT WITH ENOUGH SLACK TO PULLBACK AND REROUTE TO NEW SIGNAL CABINET.
- N. INSTALL 4 INCH CONDUIT STUB 10' OF CONDUIT UP POLE INSTALL 3 RUNS OF 250 KCMIL ELECTRICAL CABLE, COIL 30 FOOT OF CABLE UP POLE FOR UTILITY COMPANY HOOK UP FOR ELECTRICAL SERVICE.
- O. INSTALL GROUND MOUNTED SIGN.
- P. INSTALL 10 INCH HEAT APPLIED THERMOPLASTIC YELLOW PAVEMENT MARKING
- Q. INSTALL 10 INCH HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING
- R. INSTALL 5 INCH HEAT APPLIED THERMOPLASTIC YELLOW PAVEMENT MARKING
- S. INSTALL 5 INCH HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING
- T. INSTALL 24 INCH HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
- U. INSTALL 3 INCH PVC RISER WITH WEATHERHEAD FOR INTERCONNECT

GENERAL NOTES

- 1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- 3. ALL PAVEMENT MARKINGS DETAILED SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- 4. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

GENERAL NOTES CONT.

- 6. 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.
- 7. 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 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.
- 8. CONCRETE ISLAND ON THIS PLAN ARE NOT DETAILED FOR CONSTRUCTION

GREENLINE INSTALL HALF SIGNAL *part 3/5/10*
3/5/2010

APPROVALS		REVISIONS		SIGNALIZATION PLAN SHEET	
<i>J. Henkel</i> TEAM LEADER 3/5/2010				SCALE 1"=20'	ADVERTISED DATE
<i>Wendy...</i> ASST. DIR. 3/5/10				CONTRACT NO.	MO632
<i>Wendy...</i> DIVISION CHIEF 3/5/10				DESIGNED BY	J. HENKEL
				DRAWN BY	J. HENKEL
				CHECKED BY	DBD <i>DBD</i>
				F.A.P. NO.	SEE TITLE SHEET
				TS NO.	4733
				DRAWING	SG-01 OF 02
				SHEET NO.	01 OF 02

BY: Jhenkel