



MD 7 IS ASSUMED TO RUN EAST/ WEST DIRECTION

PROPOSED SIGNS

7.8
Raphel Rd
D-3(1) (DUAL FACED)
(VARIABLE x 16")

9
Philadelphia Rd
D-3(1)
(VARIABLE x 16")

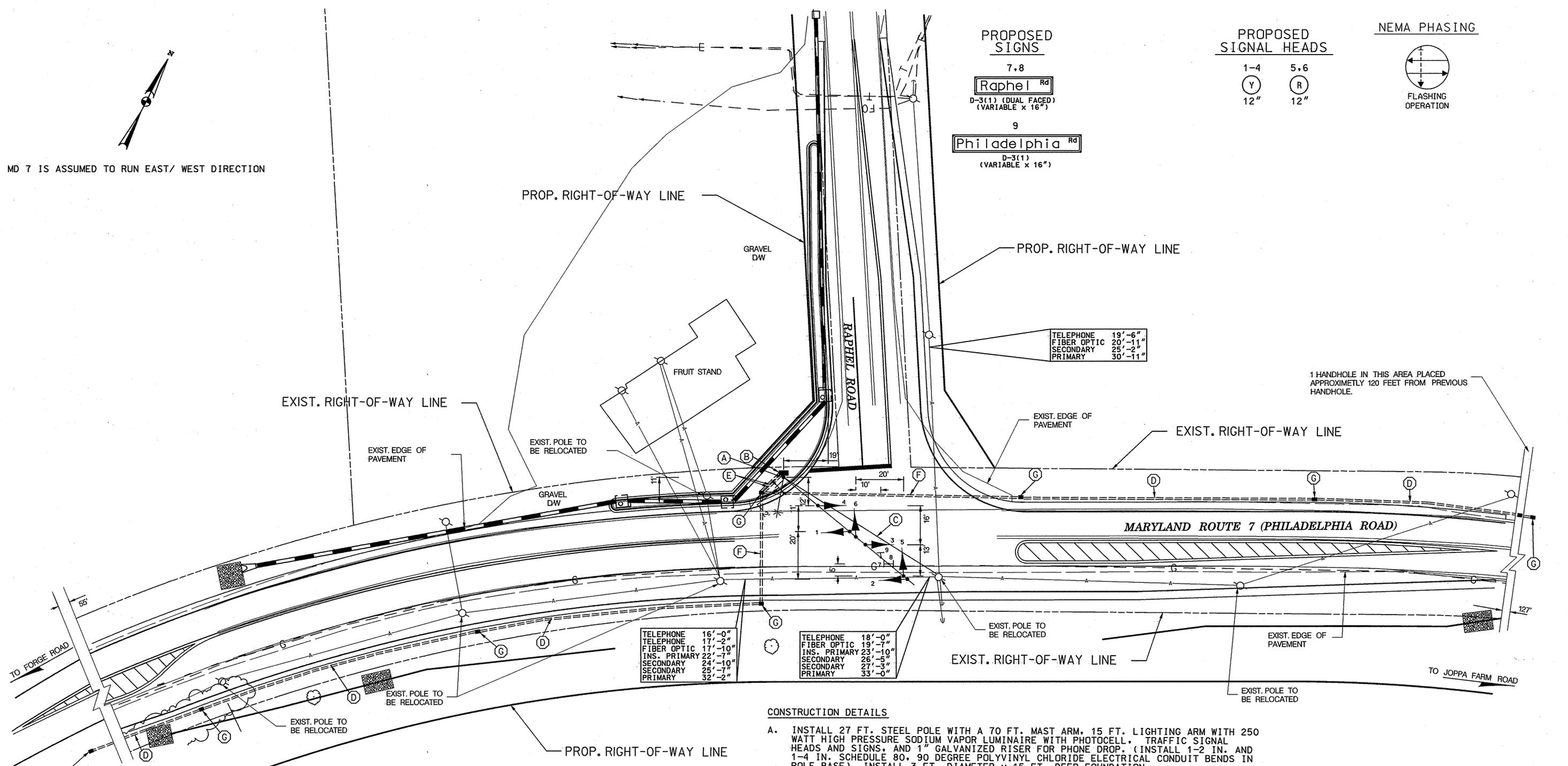
PROPOSED SIGNAL HEADS

1-4
Y
12"
5.6
R
12"

NEMA PHASING



FLASHING OPERATION



GENERAL NOTES

1. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCE 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.
2. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
3. SEE SIGNING AND PAVEMENT MARKING SHEET FOR ADDITIONAL STRIPING.
4. STREET NAME SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

CONSTRUCTION DETAILS

- A. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, 15 FT. LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH PHOTOCCELL, TRAFFIC SIGNAL HEADS AND SIGNS, AND 1" GALVANIZED RISER FOR PHONE DROP. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE). INSTALL 3 FT. DIAMETER x 15 FT. DEEP FOUNDATION.
- B. INSTALL NEMA SIZE 75 POLE MOUNTED CABINET AND CONTROLLER AND CONTROL AND DISTRIBUTION EQUIPMENT.
- C. PROPOSED AERIAL ELECTRICAL FEED TO BE INSTALLED ON RELOCATED BGE POLE.
- D. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT -TRENCHED.
- E. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT -TRENCHED.
- F. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT- BORED.
- G. INSTALL HANDHOLE.

UTILITY LEGEND

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

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD. 7 (PHILADELPHIA ROAD) AT RAPHEL ROAD
TRAFFIC SIGNAL PLAN

APPROVALS		REVISIONS	
TEAM LEADER	<i>[Signature]</i> 6/20/05		
ASST. DIV. CHIEF	<i>[Signature]</i> 6/20/05		
DIVISION CHIEF	<i>[Signature]</i> 6/20/05		
OFFICE DIRECTOR	<i>[Signature]</i> 6/20/05		



SCALE	1" = 20'	DATE	6-05	CONTRACT NO.	BA3925130
DESIGNED BY	COD	COUNTY	BALTIMORE		
DRAWN BY	COD	LOGMILE	03000710.04		
CHECKED BY	MW	TIMS NO.	F752		
FAP NO.	SEE TITLE SHEET	TOD NO.			
TS NO.	4434	DRAWING	- 1 OF 2	SHEET NO.	13 OF 17