MD 547 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SPECIAL NOTE:

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH ON-GOING CONSTRUCTION PROJECT MO7835184. THE CONTRACTOR SHALL COORDINATE WITH THE FIELD PROJECT ENGINEER MR. BRIAN BOYER AT (202) 207-4742 PRIOR TO BEGINNING ANY WORK.

SIGNS

7.8

S1-1 FYG (36"x 36")

SIGNAL HEADS

1-4 (R, Y, Y) 12"/8"

5.6 12"

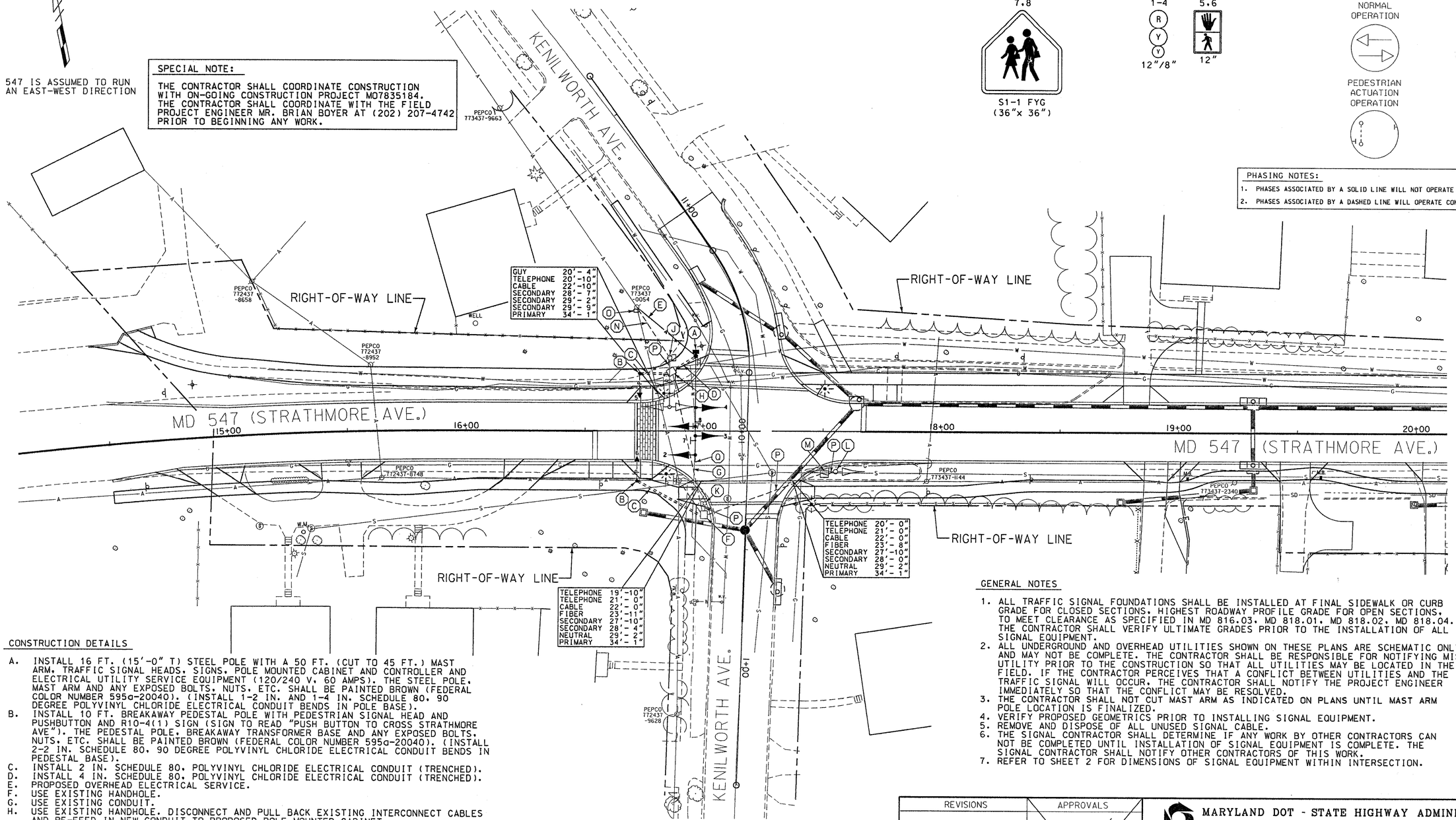
NEMA PHASING

NORMAL OPERATION

PEDESTRIAN ACTUATION OPERATION

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. INSTALL 16 FT. (15'-0" T) STEEL POLE WITH A 50 FT. (CUT TO 45 FT.) MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, POLE MOUNTED CABINET AND CONTROLLER AND ELECTRICAL UTILITY SERVICE EQUIPMENT (120/240 V, 60 AMPS). THE STEEL POLE, MAST ARM AND ANY EXPOSED BOLTS, NUTS, ETC. SHALL BE PAINTED BROWN (FEDERAL COLOR NUMBER 595a-20040). (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
B. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON AND R10-4(1) SIGN (SIGN TO READ "PUSH BUTTON TO CROSS STRATHMORE AVE"). THE PEDESTAL POLE, BREAKAWAY TRANSFORMER BASE AND ANY EXPOSED BOLTS, NUTS, ETC. SHALL BE PAINTED BROWN (FEDERAL COLOR NUMBER 595a-20040). (INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
C. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
D. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
E. PROPOSED OVERHEAD ELECTRICAL SERVICE.
F. USE EXISTING HANDHOLE.
G. USE EXISTING CONDUIT.
H. USE EXISTING HANDHOLE. DISCONNECT AND PULL BACK EXISTING INTERCONNECT CABLES AND RE-FEED IN NEW CONDUIT TO PROPOSED POLE MOUNTED CABINET.
J. REMOVE EXISTING STEEL POLE, LIGHTING BRACKET ARM AND POLE MOUNTED CABINET AND CONTROLLER. REMOVE FOUNDATION 12 IN. BELOW GRADE.
K. REMOVE EXISTING BREAKAWAY PEDESTAL POLE AND AUXILIARY CABINET. REMOVE FOUNDATION 12 IN. BELOW GRADE.
L. REMOVE EXISTING BREAKAWAY PEDESTAL POLE AND TRAFFIC SIGNAL HEADS. REMOVE FOUNDATION 12 IN. BELOW GRADE.
M. REMOVE EXISTING HANDHOLE.
N. ABANDON EXISTING UNDERGROUND ELECTRICAL SERVICE.
O. REMOVE EXISTING ELECTRICAL SERVICE METER AND DISCONNECT MOUNTED ON WOOD UTILITY POLE.
P. CAP AND ABANDON EXISTING CONDUIT.
Q. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.

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. 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.
3. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.
4. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
6. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.
7. REFER TO SHEET 2 FOR DIMENSIONS OF SIGNAL EQUIPMENT WITHIN INTERSECTION.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS			
B	REBUILT TRAFFIC SIGNAL CONTRACT NO. AT3655185	7/04	
SRB	NML		
A	REBUILT TRAFFIC SIGNAL	9/98	
SRB	NML		

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
MD 547 (STRATHMORE AVE.) & KENILWORTH AVE.

DRAWN BY: T. ZAYDEL	F.A.P. NO.	TS NO. TS-3723B	SHEET NO.
CHECKED BY: D. SHMID	S.H.A. NO. AT3565185		
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. 6417	1 OF 2
DATE: 7-1-97	LOG MILE: 15054700.67		

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