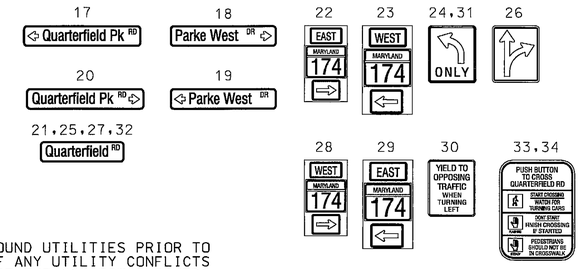
MD 174 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

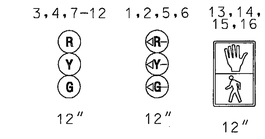
EXISTING SIGNS



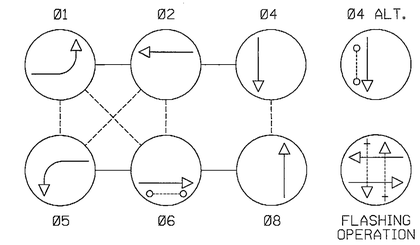
PROPOSED VIDEO DETECTION CAMERA

a,b,c,d,e,f

EXISTING SIGNALS



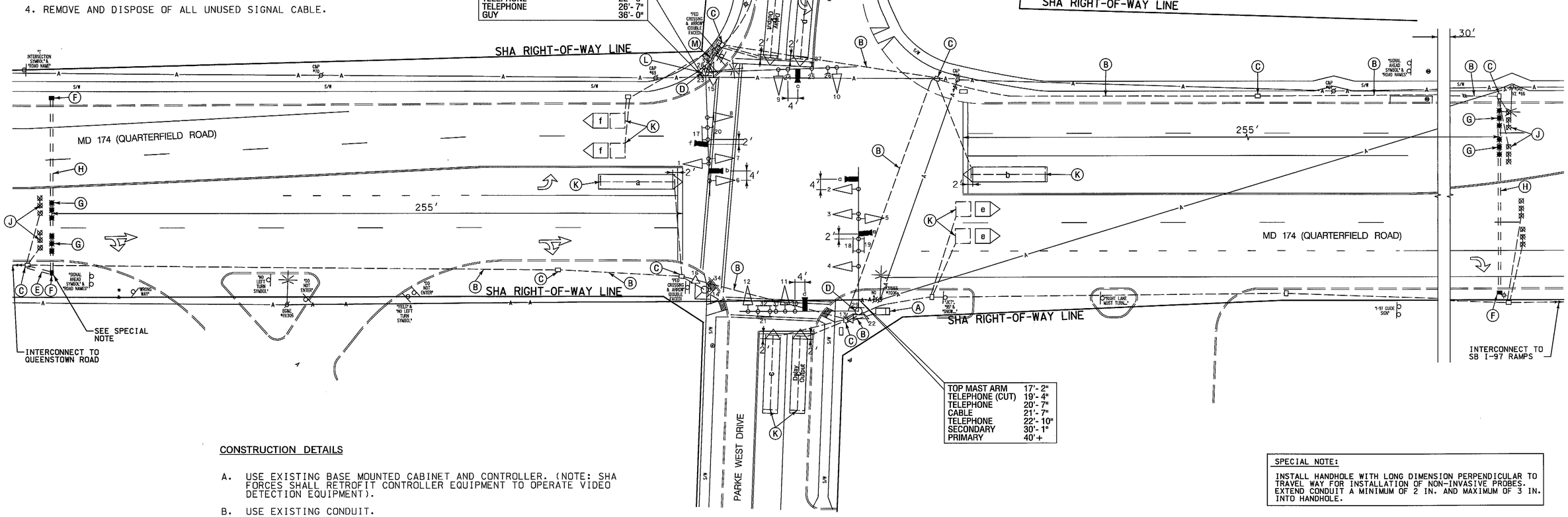
NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES:

1. 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.
2. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.



CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).

B. USE EXISTING CONDUIT.

C. USE EXISTING HANDHOLE.

D. USE EXISTING MAST ARM AND INSTALL OVERHEAD VIDEO DETECTION CAMERAS MOUNTED ON MAST ARMS AS SHOWN.

E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED.

F. INSTALL HANDHOLE.

G. INSTALL NON-IVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT (IN THRU LANES ONLY).

H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – BORED.

J. ABANDON EXISTING PROBES. DISCONNECT AND REMOVE PROBE CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

K. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

L. INSTALL 2 IN. CONDUIT BEND IN EXISTING SIGNAL POLE BASE TO ACCOMODATE VIDEO DETECTION CABLES.

M. REMOVE EXISTING SIDEWALK AND INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED. REPLACE 5 INCH CONCRETE SIDEWALK. CONDUIT SHALL TIE INTO PROPOSED 2 IN. CONDUIT BEND.

SPECIAL NOTE:

INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.

TOD NO: XX353-16
SHA NO: AA816A57/K57
MD 174 @ Elmhurst Rd, Parke West Dr., Old Stage Road

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: jrasmussen

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

APPROVALS
ORIGINAL ON FILE
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
E UPGRADE VIDEO DETECTION ON ALL LEGS-INSTALL NON-INVASIVE PROBES SHA CONTRACT NO. XX353316B TIMS #K648 09/28/2010
D REPLACE WESTBOUND MD 174 DETECTION TIMS #H923 02/06/2010
C RECONSTRUCT SIGNAL DUE TO S/02 GEOMETRIC IMPROVEMENTS WIDEN EB MD 174 SHA CONTRACT NO. AA629517I TIMS #D727

TZ	JAH	WH	TH
TMH	MAR	DAZ	BRK

PLOTTED: 09-29-2010
FILE: N:\31689-089\CADD\pSG-P002_K648_ParkeWest.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 174 (QUARTERFIELD RD) @ PARKE WEST DR / QUARTERFIELD PARK RD
GLEN BURNIE, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 02/21/2006 CONTRACT NO.

DESIGNED BY
DRAWN BY KGA
CHECKED BY B.THOMPSON
F.A.P. NO.
COUNTY Anne Arundel
LOGMILE 02017402.19
TIMS NO. K648
TOD NO.

TS NO. 1908E | DRAWING TSP-2 OF 5 | SHEET NO. 2 OF 5