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

EXISTING SIGNS TO BE REMOVED

20A,23A — LEFT TURN YIELD ON GREEN

EXISTING SIGNS TO REMAIN

19,21,22,24 — Old Stage Road

25,26 — ONLY

27 — NO TURN ON RED

31,32,33,34 — PUSH BUTTON TO CROSS MD 174

28,29,30 — PUSH BUTTON TO CROSS OLD STAGE ROAD

EXISTING SIGNALS

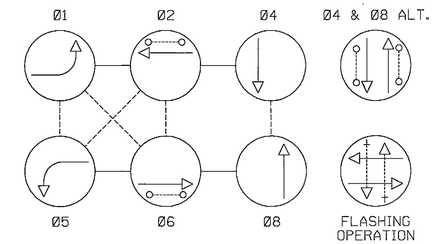
1,4 — 12"/8"

2,5 — 12"

3,6-10 — 12"

11-18 — 12"

NEMA PHASING



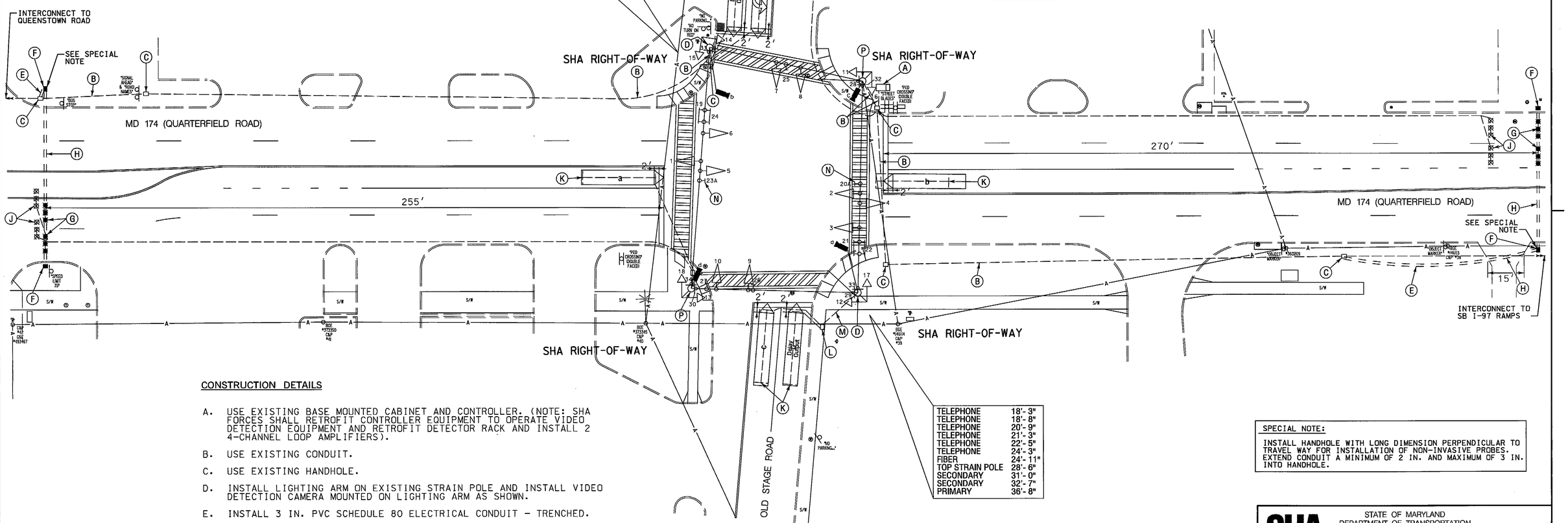
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

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.

PROPOSED VIDEO DETECTION CAMERA — a,b,c,d

VIDEO ZONE DETECTION — a



CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT AND RETROFIT DETECTOR RACK AND INSTALL 2 4-CHANNEL LOOP AMPLIFIERS).

B. USE EXISTING CONDUIT.

C. USE EXISTING HANDHOLE.

D. INSTALL LIGHTING ARM ON EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERA MOUNTED ON LIGHTING ARM 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. REMOVE EXISTING HANDHOLE.

M. ABANDON EXISTING CONDUIT.

N. REMOVE EXISTING SIGN ON SPAN WIRE AS NOTED.

P. USE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERA MOUNTED WITHIN 3 FT. OF TOP OF STRAIN POLE AS SHOWN.

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: Iwaesche

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. XX353516B TIMS #K648 09/28/2010 — LFW NML

D PROVIDE E/P LT'S CROSSWALKS & STOPLINES FOR MD 174 04/14/1994 — DJD

C INSTALL LOOPS DUE TO ROAD WIDENING SHA CONTRACT NO. 855-25006 11/01/1985 — DCD JR TH

PLOTTED: 09-29-2010
FILE: N:\31669-089\CADD\psG-P003_K648_OldStage.dgn

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

MD 174 (QUARTERFIELD RD) @ OLD STAGE ROAD
GLEN BURNIE, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 01/28/1977 CONTRACT NO.

DESIGNED BY
DRAWN BY D.DODA / V.Y.
CHECKED BY BRUCE THOMPSON
F.A.P. NO.
COUNTY Anne Arundel
LOGMILE
TIMS NO. K648
TOD NO.

TS NO. 1468E | DRAWING TSP-3 OF 5 | SHEET NO. 3 OF 5