CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3) QUADRUPOLE TYPE.

B. INSTALL 4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL COIDUIT (SLOTTED BEFORE OVERLAY).

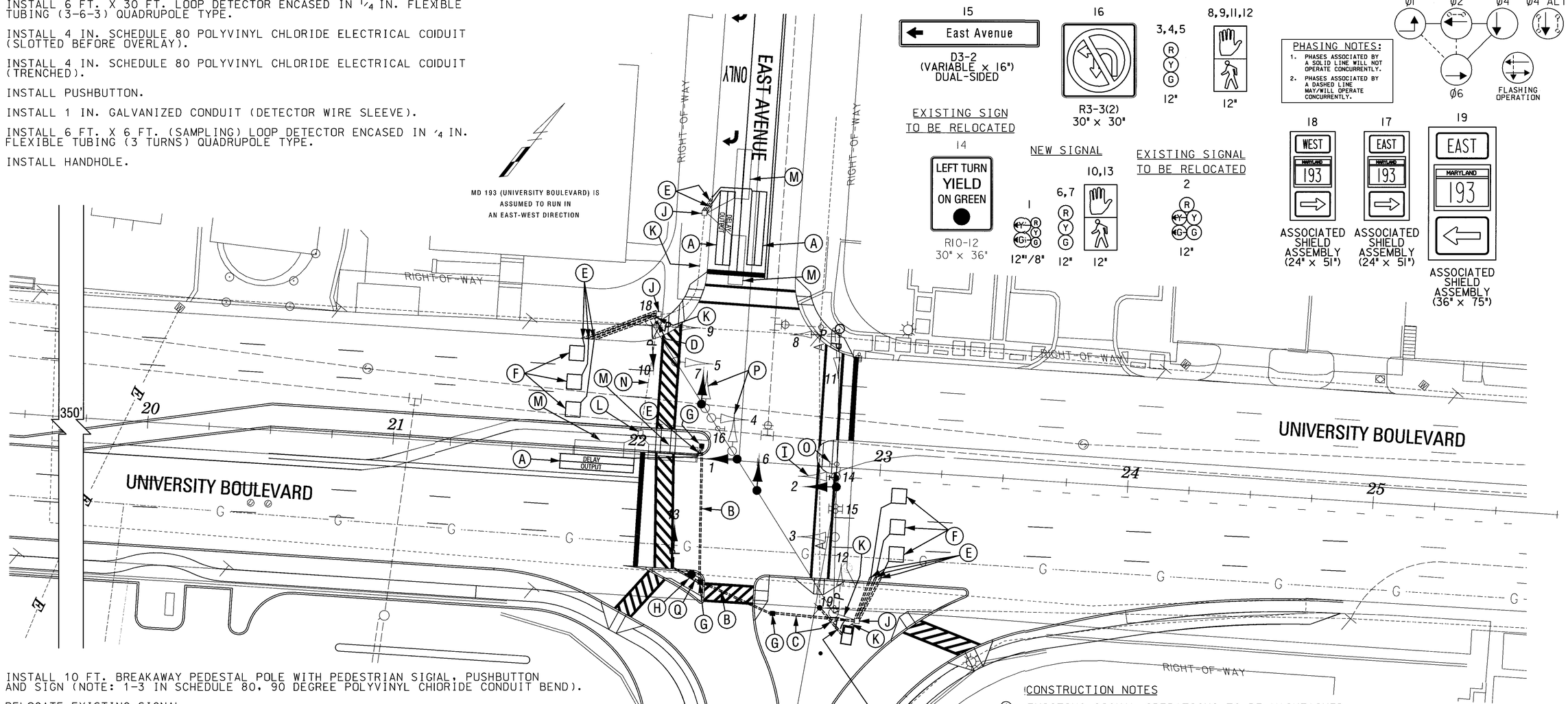
C. INSTALL 4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL COIDUIT (TRENCHED).

D. INSTALL PUSHBUTTON.

E. INSTALL 1 IN. GALVANIZED CONDUIT (DETECTOR WIRE SLEEVE).

F. INSTALL 6 FT. X 6 FT. (SAMPLING) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3 TURNS) QUADRUPOLE TYPE.

G. INSTALL HANDHOLE.



H. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGIAL, PUSHBUTTON AND SIGN (NOTE: 1-3 IN SCHEDULE 80, 90 DEGREE POLYVINYL CHIORIDE CONDUIT BEND).

I. RELOCATE EXISTING SIGNAL

J. REUSE EXISTING HANDHOLE.

K. REUSE EXISTING CONDUIT.

L. REMOVE EXISTING HANDHOLE.

M. ABANDON EXISTING LOOP DETECTOR.

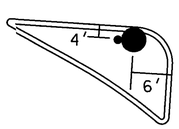
N. ABANDON EXISTING CONDUIT.

O. RELOCATE EXISTING SIGN.

P. REMOVE EXISTING SIGNAL.

Q. INSTALL 3 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

DIMENSIONS



SYMBOL KEY

DETECTION ZONE

OVERHEAD VIDEO DETECTION CAMERA

CONSTRUCTION NOTES

① EXISTING SIGNAL OPERATIONS TO BE MAINTAINED AT ALL TIMES

② REFER TO SIGNING AND PAVEMENT MARKING PLAN FOR SIGNS AND PAVEMENT MARKINGS (ESPECIALLY ALL CROSSWALKS AND STOP LINES)

③ NEW SIGNAL HEAD LOCATION TO BE VERIFIED BY FIELD ENGINEER

④ INTERCONNECT CABLE TO TIE-IN WITH NEW SPLICE BOX NEAR MIDVALE ROAD AND CONTINUE ON TO CONTROLLER CABINET AT VALLEYVIEW AVENUE (APRROXIMATE DISTANCE BETWEEN CONTROLLER CABINETS IS 1000')

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—A——A—
ELECTRIC	—E——E—
TELEPHONE	—T——T—
GAS	—G——G—
SEWER	—S——S—
WATER	—W——W—
CABLE TV	—TV——TV—

TS-1

REVISIONS

A. CONTRACT NO. BW996M822 RELOCATE NB MD 193 LEFT TURN LOOP DETECTOR AND PROVIDE NEW PAVEMENT MARKINGS DUE TO GEOMETRIC IMPROVEMENTS 4/03

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

ENGINEERING-PLANNING-EARTH SCIENCES-SURVEYING

GREENHORNE & O'MARA, INC.

810 GLENEAGLES COURT, SUITE 106, BALTIMORE, MARYLAND 21286

(410) 583-6700

ANNAPOLIS,MD-BALTIMORE,MD-ATLANTA,GA-TAMPA,FL-FAIRFAX,VA-WEST PALM BEACH,FL ROCKVILLE,MD-RALEIGH,NC-FREDERICKSBURG,VA-MECHANICSBURG,PA- ST. PETERSBURG,FL

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

Traffic Signal Plan

MD 193 AT EAST AVENUE

DRAWN BY:	GEC	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	GEC	S.H.A. NO.	BW996M82	2265A	1 OF 2
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO.	
DATE:	NOV. 19, 1986	LOG MILE:	15019301.13	F-443	

J:/TRANS/Rockville Office/Wheaton Plaza/2D/EastAvenue-SH1.dgn
May 19, 2003 10:00