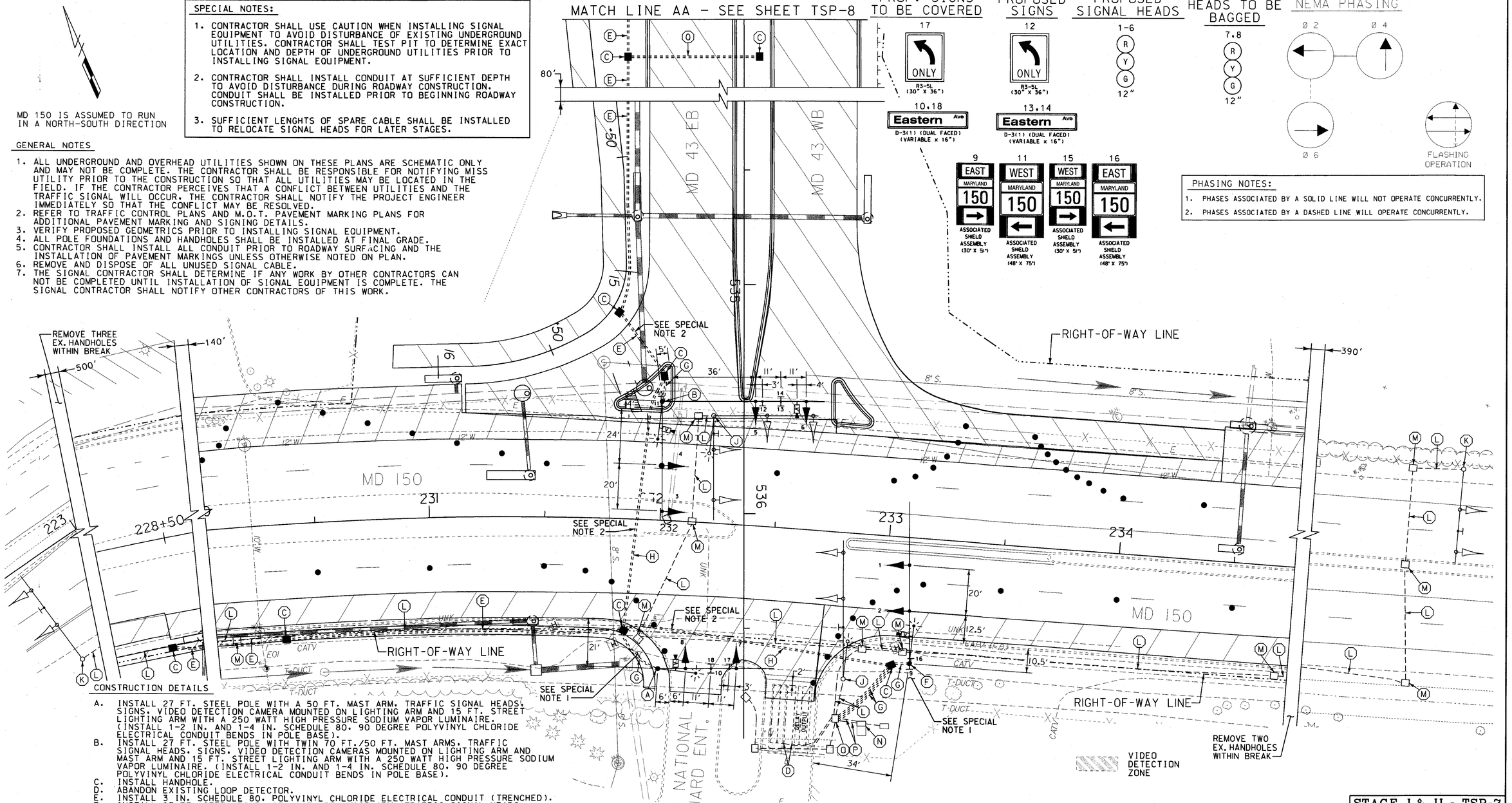
MD 150 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

SPECIAL NOTES:

1. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. CONTRACTOR SHALL INSTALL CONDUIT AT SUFFICIENT DEPTH TO AVOID DISTURBANCE DURING ROADWAY CONSTRUCTION. CONDUIT SHALL BE INSTALLED PRIOR TO BEGINNING ROADWAY CONSTRUCTION.
3. SUFFICIENT LENGHTS OF SPARE CABLE SHALL BE INSTALLED TO RELOCATE SIGNAL HEADS FOR LATER STAGES.

GENERAL NOTES

1. 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.
2. REFER TO TRAFFIC CONTROL PLANS AND M.O.T. PAVEMENT MARKING PLANS FOR ADDITIONAL PAVEMENT MARKING AND SIGNING DETAILS.
3. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
4. ALL POLE FOUNDATIONS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
5. CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO ROADWAY SURFACING AND THE INSTALLATION OF PAVEMENT MARKINGS UNLESS OTHERWISE NOTED ON PLAN.
6. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
7. 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.



PROP. SIGNS TO BE COVERED

17 — ONLY — R3-5L (30" X 36")

10.18 — Eastern Ave — D-3(1) (DUAL FACED) (VARIABLE x 16")

PROPOSED SIGNS

12 — ONLY — R3-5L (30" X 36")

13.14 — Eastern Ave — D-3(1) (DUAL FACED) (VARIABLE x 16")

9 — EAST MARYLAND 150 → — ASSOCIATED SHIELD ASSEMBLY (30" X 54")

11 — WEST MARYLAND 150 ← — ASSOCIATED SHIELD ASSEMBLY (48" X 75")

15 — WEST MARYLAND 150 → — ASSOCIATED SHIELD ASSEMBLY (30" X 54")

16 — EAST MARYLAND 150 ← — ASSOCIATED SHIELD ASSEMBLY (48" X 75")

PROPOSED SIGNAL HEADS

1-6 — R Y G — 12"

PROP. SIGNAL HEADS TO BE BAGGED

7,8 — R Y G — 12"

NEMA PHASING

FLASHING 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 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA MOUNTED ON LIGHTING ARM AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
B. INSTALL 27 FT. STEEL POLE WITH TWIN 70 FT./50 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS MOUNTED ON LIGHTING ARM AND MAST ARM AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
C. INSTALL HANDHOLE.
D. ABANDON EXISTING LOOP DETECTOR.
E. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
F. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AND VIDEO DETECTION CAMERA MOUNTED ON LIGHTING ARM. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
G. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
J. REMOVE EXISTING STEEL POLE, MAST ARM(S), TRAFFIC SIGNAL HEADS, SIGN AND STREET LIGHTING ARM. REMOVE FOUNDATION 12 IN. BELOW GRADE.
K. REMOVE EXISTING STEEL POLE, MAST ARM, TRAFFIC SIGNAL HEADS AND SIGN. REMOVE FOUNDATION 12 IN. BELOW GRADE.
L. ABANDON EXISTING CONDUIT.
M. REMOVE EXISTING HANDHOLE.
N. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
O. USE EXISTING HANDHOLE.
P. USE EXISTING CONDUIT.
Q. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR FUTURE NON-INVASIVE PROBE SET.

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	APPROVALS
B REBUILD TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS SHA NO. BA8475171 10/18/02 SRB NML	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
A RECONSTRUCT HIBIS OVERHEAD, ADD TRAFFIC CONTROL SIGNAL SHA *AW2785185 8/97 EMM	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

STAGE I & II - TSP-7

TRAFFIC SIGNALIZATION PLAN
MD 150 AND MD AIR NATIONAL GUARD

DRAWN BY: S.R. BARANOWSKI	F.A.P. NO.	TS NO. 25688	SHEET NO.
CHECKED BY: S.R. BARANOWSKI	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. E442	OF
DATE: 11/6/2002	LOG MILE:		

M:\3142510\sq503md43-signalplan@MD150_phl-2.dgn