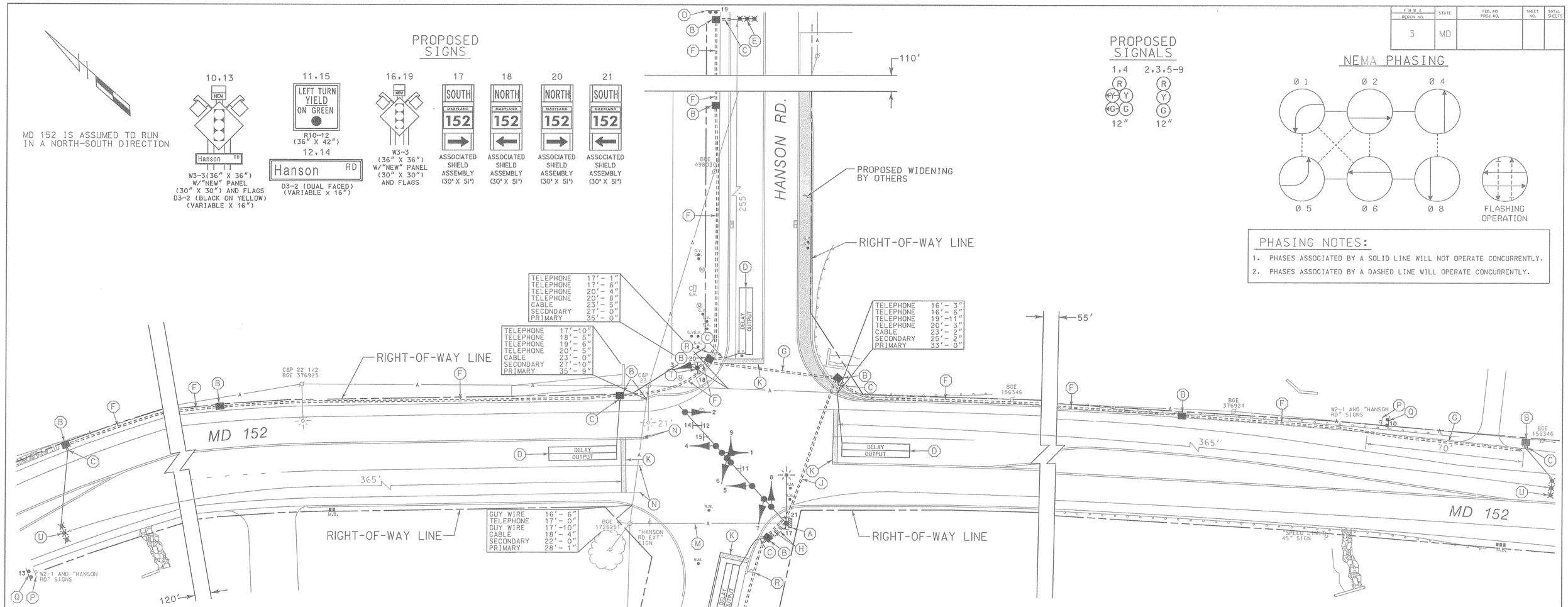
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A SINGLE 70 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE, CONTROL AND DISTRIBUTION EQUIPMENT, POLE MOUNTED CABINET AND CONTROLLER AND 3 FT. X 4 FT. X 4 IN. CONCRETE PAD (INSTALL 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN POLE BASE).
B. INSTALL HANDHOLE.
C. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
D. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
E. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
F. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
G. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
H. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
K. INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
L. INSTALL 6 IN. YELLOW PERMAMENT PREFORMED PAVEMENT MARKING TAPE FOR 100 FT. FROM STOP LINE.
M. PROPOSED OVERHEAD ELECTRICAL SERVICE.
N. REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOP LINE.
O. INSTALL W3-3 "SIGNAL AHEAD" SIGN ASSEMBLY ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 400 FT. IN ADVANCE OF THE INTERSECTION ON HANSON ROAD.
P. REMOVE EXISING W2-1 AND D3-2 SIGNS AND SUPPORTS.
Q. INSTALL W3-3 "SIGNAL AHEAD" SIGN ASSEMBLY ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 625 FT. IN ADVANCE OF THE INTERSECTION ON MD 152.
R. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
S. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
T. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE, TRAFFIC SIGNAL HEAD AND SIGNS.
U. INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN.

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. TRIMMING OF TREES MAY BE REQUIRED TO INCREASE SIGNAL VISIBILITY FOR SOUTHBOUND MD 152 APPROACH VEHICLES.
3. SEE DIMENSION DIAGRAM ON SHEET 2 OF 2 FOR SIGNAL EQUIPMENT AND PAVEMENT MARKING LOCATIONS.
4. VARIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

LOG MILE 12015201.58

WR&A
Whitman, Requardt and Associates
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2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS	REVISIONS
	ASSISTANT DIVISION CHIEF 10/16/97	
	ASST. DISTRICT ENGINEER, TRAFFIC	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 10/15/97	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY 10/16/97	

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

MD 152 AND HANSON ROAD

DATE:	10-1-97	DRAWN BY:	S.BLOSS	F.A.P. NO.	AC-STPG-000S(589)E	PLAN SHEET NO.:	SHEET NO.
SCALE:	1" = 20'	DESIGNED BY:	N.LEARY	S.H.A. NO.	AW278A57/AW278B57	TS-3724	1 OF 2
APPROVED BY:		CHECKED BY:	T.HANNAN	COUNTY	HARFORD		

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