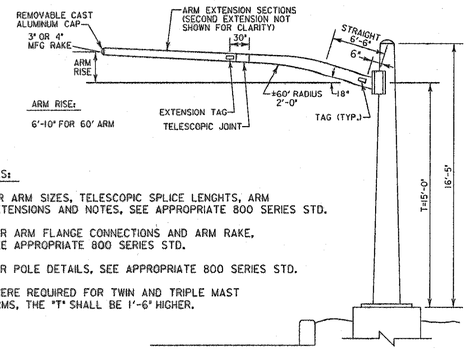
15'-0" "T" STEEL POLE DETAIL

NOT TO SCALE



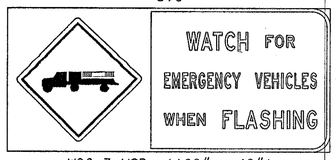
NOTES:

1. FOR ARM SIZES, TELESCOPIC SPLICE LENGHTS, ARM EXTENSIONS AND NOTES, SEE APPROPRIATE 800 SERIES STD.
2. FOR ARM FLANGE CONNECTIONS AND ARM RAKE, SEE APPROPRIATE 800 SERIES STD.
3. FOR POLE DETAILS, SEE APPROPRIATE 800 SERIES STD.
4. WHERE REQUIRED FOR TWIN AND TRIPLE MAST ARMS, THE "T" SHALL BE 1'-6" HIGHER.

MD 30 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

SIGNS

5,6



W96-7 MOD. (108" x 48")
SEE SIGN DETAIL 'A'

PROPOSED OPTICOM DETECTOR EYE

7

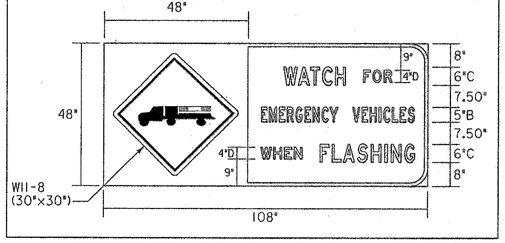
SIGNAL HEADS

1-4

Y

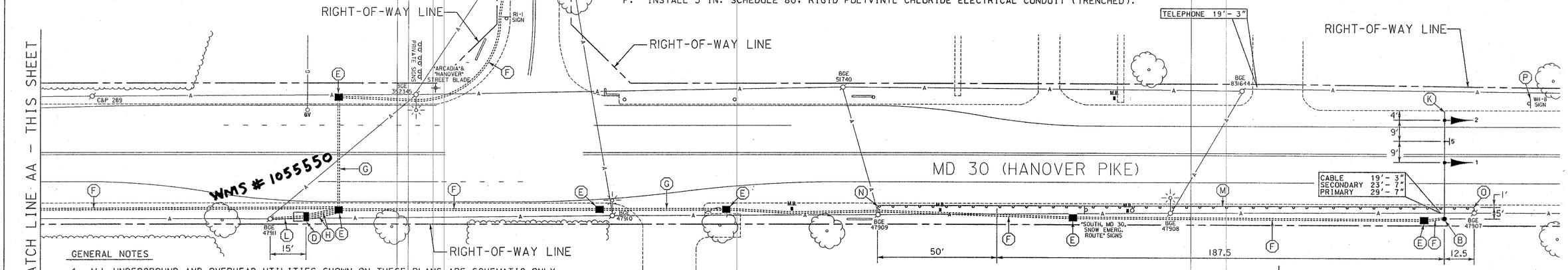
12"

SIGN DETAIL 'A'



CONSTRUCTION DETAILS

A. INSTALL 16.5 FT. STEEL POLE (SEE STEEL POLE DETAIL) WITH A 60 FT. MAST ARM (CUT TO 33 FT.), TRAFFIC SIGNAL HEADS AND SIGN. (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.
B. INSTALL 16.5 FT. STEEL POLE (SEE STEEL POLE DETAIL) WITH A 60 FT. MAST ARM (CUT TO 45 FT.), TRAFFIC SIGNAL HEADS AND SIGN. (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.
C. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE WITH OPTICOM DETECTOR EYE. (INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
D. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD AND CONTROL AND DISTRIBUTION EQUIPMENT. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
E. INSTALL HANDHOLE.
F. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

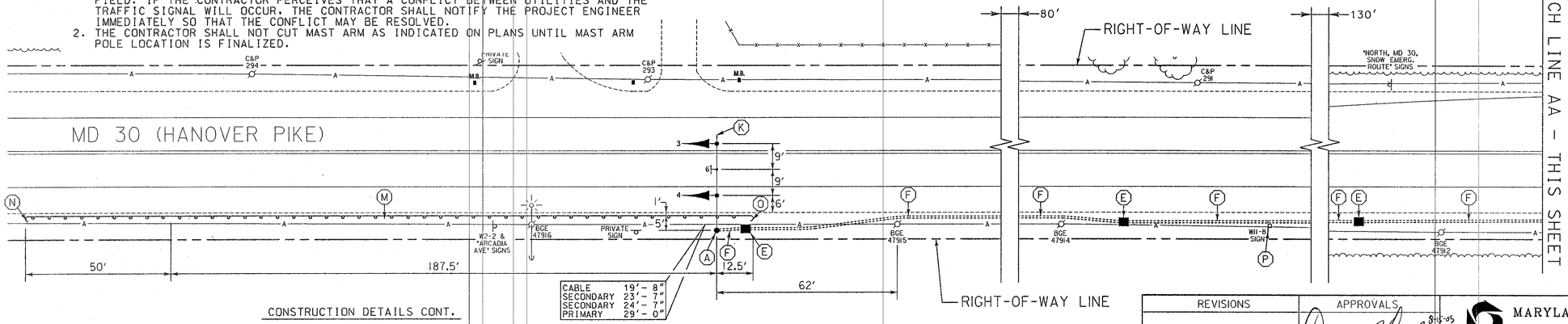


GENERAL NOTES

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. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.

SPECIAL NOTE:

THE CONTRACTOR SHALL CONTACT CHIEF SCOTT BOOSE OF THE ARCADIA VOLUNTEER FIRE COMPANY AT 410-887-1576 TO ARRANGE DELIVERY OF 3 OPTICOM EMITTER SYSTEM, 700 SERIES.



CONSTRUCTION DETAILS CONT.

G. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
H. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
K. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
L. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE AND 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND TELEPHONE SERVICE IN COMMON TRENCH. (CAP AND MARK CONDUITS 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY OTHERS)
M. INSTALL TRAFFIC BARRIER W BEAM AS PER STANDARD NOS. MD 605.21, MD 605.22 AND MD 605.23.
N. INSTALL TYPE C TRAFFIC BARRIER W BEAM END TREATMENT AS PER STANDARD MD 605.03.
O. INSTALL TYPE I TRAFFIC BARRIER W BEAM END TREATMENT AS PER STANDARD MD 605.10.
P. REMOVE EXISTING W11-8 SIGN AND SUPPORT.

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
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Baltimore, Maryland 21231
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REVISIONS	APPROVALS
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 8-15-03
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION 8-15-03
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 8/15/03
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
HAZARD IDENTIFICATION BEACON - NORTHBOUND AND SOUTHBOUND MD 30 ARCADIA

DRAWN BY:	S. BLOSS	F.A.P. NO.		TS NO. 4280	SHEET NO.
CHECKED BY:	N. LEARY	S.H.A. NO.	AT3575185		
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO. F934	1 OF 2
DATE:	8/13/2003	LOG MILE:	03008006.55		

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