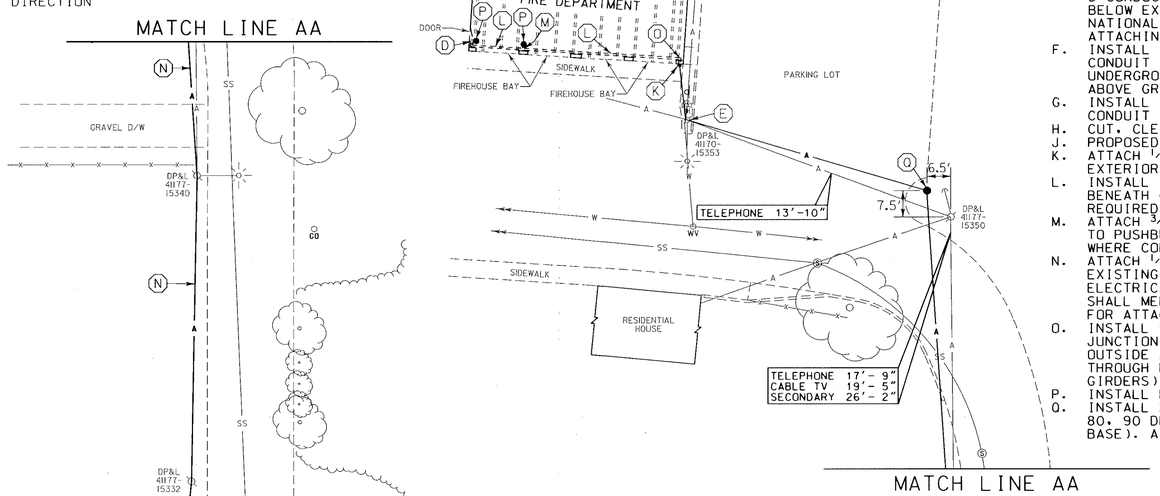
MD 314 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

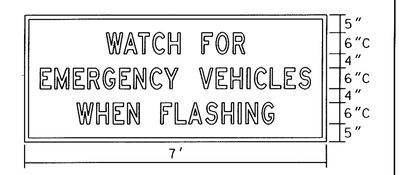


CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM (CUT TO 24 FT.). TRAFFIC SIGNAL HEADS, POLE MOUNTED CABINET AND CONTROLLER, 3 IN. WEATHERHEAD, PHOTOCELL AND SIGN. (INSTALL 1-2 IN. AND 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.
B. INSTALL HANDHOLE.
C. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
D. ATTACH 3/4 IN. EMT CONDUIT ONTO INTERIOR WALL OF FIREHOUSE DOWN TO PUSHBUTTON LOCATION.
E. ATTACH 1/4 IN. TETHER WIRE AND 5-CONDUCTOR ELECTRICAL CABLE ONTO EXISTING WOOD UTILITY POLE. ATTACH TETHER WIRE AND 5-CONDUCTOR ELECTRICAL CABLE ON NORTHSIDE OF UTILITY POLE, BELOW EXISTING STREET LIGHTING BRACKET. CONTRACTOR SHALL MEET NATIONAL ELECTRICAL SAFETY CODE CLEARANCE REQUIREMENTS FOR ATTACHING ONTO WOOD POLE.
F. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED - HAND DUG UNDER SIDEWALK) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. (CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY BELL ATLANTIC FORCES)
G. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE.
H. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
J. PROPOSED OVERHEAD ELECTRICAL SERVICE.
K. ATTACH 1/4 IN. TETHER WIRE AND 5-CONDUCTOR ELECTRICAL CABLE ONTO EXTERIOR WALL OF FIREHOUSE WITH REINFORCED SINGLE-POINT WIREHOLDER.
L. INSTALL 3/4 IN. EMT CONDUIT ONTO INTERIOR WALL OF FIREHOUSE JUST BENEATH CEILING ON EXISTING STEEL GIRDERS WITH CADDY CLIPS AS REQUIRED.
M. ATTACH 3/4 IN. EMT CONDUIT ONTO INTERIOR WALL OF FIREHOUSE DOWN TO PUSHBUTTON LOCATION. INSTALL JUNCTION BOX ON STEEL GIRDERS WHERE CONDUIT GOES TO PUSHBUTTON.
N. ATTACH 1/4 IN. TETHER WIRE AND 5-CONDUCTOR ELECTRICAL CABLE ONTO EXISTING WOOD UTILITY POLE. ATTACH TETHER WIRE AND 5-CONDUCTOR ELECTRICAL CABLE BELOW EXISTING TELEPHONE LINES. CONTRACTOR SHALL MEET NATIONAL ELECTRICAL SAFETY CODE CLEARANCE REQUIREMENTS FOR ATTACHING ONTO WOOD POLES AND HEIGHT CLEARANCE OVER ROADWAYS.
O. INSTALL 3/4 IN. EMT CONDUIT THROUGH FIREHOUSE WALL. INSTALL JUNCTION BOX WHERE CONDUIT GOES THROUGH FIREHOUSE WALL ON OUTSIDE AND INSIDE OF FIREHOUSE. (NOTE: CONDUIT SHALL ENTER THROUGH FIREHOUSE WALL ABOVE FIREHOUSE BAY, JUST BELOW STEEL GIRDERS)
P. INSTALL EMERGENCY SERVICE PUSHBUTTON.
Q. INSTALL 20 FT. BREAKAWAY PEDESTAL POLE. (INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE). ATTACH 1/4 IN. TEHTER WIRE AND 5-CONDUCTOR ELECTRICAL CABLE.

SIGNS	SIGNAL HEADS
3	1,2
WATCH FOR EMERGENCY VEHICLES WHEN FLASHING	(Y) 12"
(7 FT. X 3 FT.) (SEE SIGN DETAIL)	

SIGN DETAIL



NOTE: SIGN IS MODIFIED W96-7(1)

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 CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE 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 REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.

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

SPECIAL NOTE:

CONTACT CHIEF JIMMY HARVEY OF GREENSBORO VOLUNTEER FIRE DEPARTMENT AT (410) 482-8420 FOR EXACT PUSHBUTTON LOCATION WITHIN FIREHOUSE.

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

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 11-8-00
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION 11/8/00
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 11/8/00
	DIRECTOR, TRAFFIC & SAFETY 11/14/00

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
HAZARD IDENTIFICATION BEACON - WESTBOUND MD 314 (SUNSET AVE.), GREENSBORO

DRAWN BY: S.BLOSS	F.A.P. NO.		TS NO. TS-4031	SHEET NO.	
CHECKED BY: N.LEARY	S.H.A. NO.:	C054 B054 B052			
SCALE: 1" = 20'	COUNTY: CAROLINE		T.I.M.S. NO. E044	1 OF 2	
DATE: 11/2/00	LOG MILE: 0503 1400.74				

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