MD 272 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED LED SIGNALS

1,2

(Y)

12"

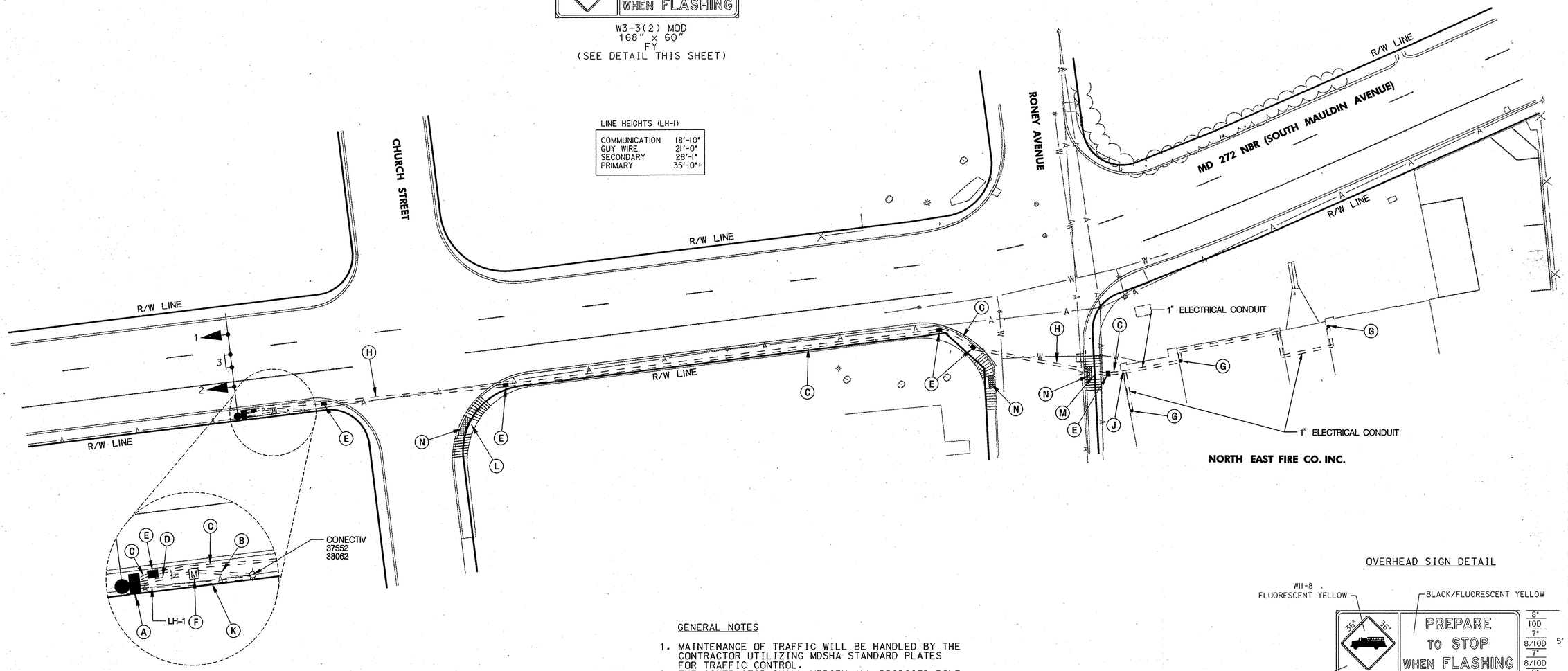
PROPOSED SIGNS

3

W3-3(2) MOD
168" x 60"
FY
(SEE DETAIL THIS SHEET)

LINE HEIGHTS (LH-1)

COMMUNICATION	18'-10"
GUY WIRE	21'-0"
SECONDARY	28'-1"
PRIMARY	35'-0"+



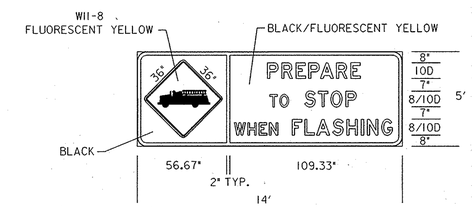
CONSTRUCTION DETAILS

A. INSTALL 16.5 FT. STEEL POLE WITH A 15 FT. "T" DIMENSION, 60 FT. MAST ARM, (CUT 60 FT. MAST ARM TO 38 FT.) FOUNDATION, LED TRAFFIC SIGNAL HEADS, SIGN, AND TYPE "G" CABINET AND CONTROLLER (NOTE: 2-2 IN. AND 1-3 IN. 90 DEGREE BENDS).
B. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
C. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED (SEE NOTE 9).
D. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
E. INSTALL ELECTRICAL HANDHOLE.
F. INSTALL METERED SERVICE PEDESTAL (NOTE: 1-2 IN. AND 1-4 IN. SCH. 80 PVC BENDS).
G. INSTALL FIREHOUSE PRE-EMPTION PUSH BUTTON INSIDE FIRE STATION (SEE NOTES 7 AND 8).
H. INSTALL 4 IN. SCHEDULE RIGID PVC ELECTRICAL CONDUIT - BORED (SEE NOTE 9).
J. INSTALL 2 IN. PVC 90 DEGREE BEND INSIDE FIRE STATION (SEE NOTE 7).
K. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. THE CONTRACTOR SHALL CAP, MARK AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
L. CONSTRUCT SHA STD. MD 655.12 SIDEWALK RAMP (5 FT.x 5 FT. LANDING 8 FT. SIDE FLARES).
M. CONSTRUCT SHA STD. MD 655.12 SIDEWALK RAMP (5 FT.x 5 FT. LANDING 4 FT. SIDE FLARES).
N. INSTALL DETECTABLE WARNING SURFACE SHA STD. MD 655.40.

GENERAL NOTES

1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSHA STANDARD PLATES FOR TRAFFIC CONTROL.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING THE PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. SEE GENERAL INFORMATION SHEET FOR PROPOSED SIGNAL POLE, TRAFFIC SIGNAL HEAD, OVERHEAD SIGN LAYOUTS, AND PRE-EMPTION PUSH BUTTON DETAIL.
8. THE CONTRACTOR SHALL NOTIFY THE NORTH EAST FIRE CO. INC. TWO WEEKS PRIOR TO THE INSTALLATION OF THE PRE-EMPTION PUSHBUTTON. CONTACT MR. OTIS ISAACS, JR. AT 410-287-2112 OR 8222 TO COORDINATE.
9. THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK TO THE NEAREST JOINTS.
10. THE CONTRACTOR SHALL INSTALL ALL CONDUIT PRIOR TO SIDEWALK AND RAMP CONSTRUCTION.

OVERHEAD SIGN DETAIL



TOD NO: AT909-14
SHA No.: CE366A54/C54
MD 272 @ Roney Avenue

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 272 (SOUTH MAULDIN AVENUE)
AT RONEY AVENUE

TRAFFIC SIGNALIZATION PLAN

APPROVALS	REVISIONS
1/11/07 TEAM LEADER	
1-11-07 ASST. DIV. CHIEF	
1-11-07 DIVISION CHIEF	
1-16 OFFICE DIRECTOR	

SCALE 1" = 20' DATE 01/2007 CONTRACT NO. AT9095185

DESIGNED BY MCG
DRAWN BY MCG
CHECKED BY BAB
F.A.P. NO.
COUNTY CECIL
LOGMILE 07027211.26
T.I.M.S. NO. H865
TOD NO.

DRAWING NO. TS - 4545 OF
SHEET NO. 1 OF 2

PLOTTED: WEDNESDAY, JANUARY 10, 2007 AT 04:37 PM
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STV Incorporated
engineers /architects /planners /construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

UTILITY LEGEND

—E—E—	ELECTRIC CABLES	—SD—SD—	STORM DRAIN
—A—A—	AERIAL CABLES	—G—G—	GAS MAIN
—T—T—	TELEPHONE CABLES	—W—W—	WATER MAIN
—F—F—	FIBER-OPTIC	—S—S—	SEWER MAIN

BY: SHARPSB