CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, SIGNAL HEADS, SIGN (SEE INSTALLATION DETAIL ON SHEET 2), POLE MOUNTED CABINET AND CONTROLLER, PHOTOCELL AND 3 FT. x 4 FT. x 4 IN. CONCRETE PAD. (INSTALL 2-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
NOTE : CONTRACTOR TO USE EXISTING PEDESTAL POLE AND CABINET AND CONTROLLER THAT WAS PREVIOUSLY REMOVED.
B. INSTALL BASE MOUNTED METERED SERVICE PEDESTAL WITH 2-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
C. INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
D. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.
E. INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE.
F. INSTALL 3 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED.
G. INSTALL HANDHOLE.
H. INSTALL W3-1a SIGN (36 IN. x 36 IN.) ON ONE 4 IN. x 6 IN. TREATED WOOD POST (LENGTH=16.5 FT.).
△ J. INSTALL GROUND MOUNTED S5-2 SIGN (24 IN. x 30 IN.) ON ONE 4 IN. x 4 IN. TREATED WOOD POST (LENGTH=15 FT.).
△ K. INSTALL GROUND MOUNTED R2-1 SIGN (24 IN. x 30 IN.) ON ONE 4 IN. x 4 IN. TREATED WOOD POST (LENGTH=15 FT.).
L. INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE AND 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND TELEPHONE SERVICE IN COMMON TRENCH.

EXISTING SIGNS TO BE RELOCATED

1 SPEED LIMIT 45
8 END SCHOOL ZONE

EXISTING SIGNS

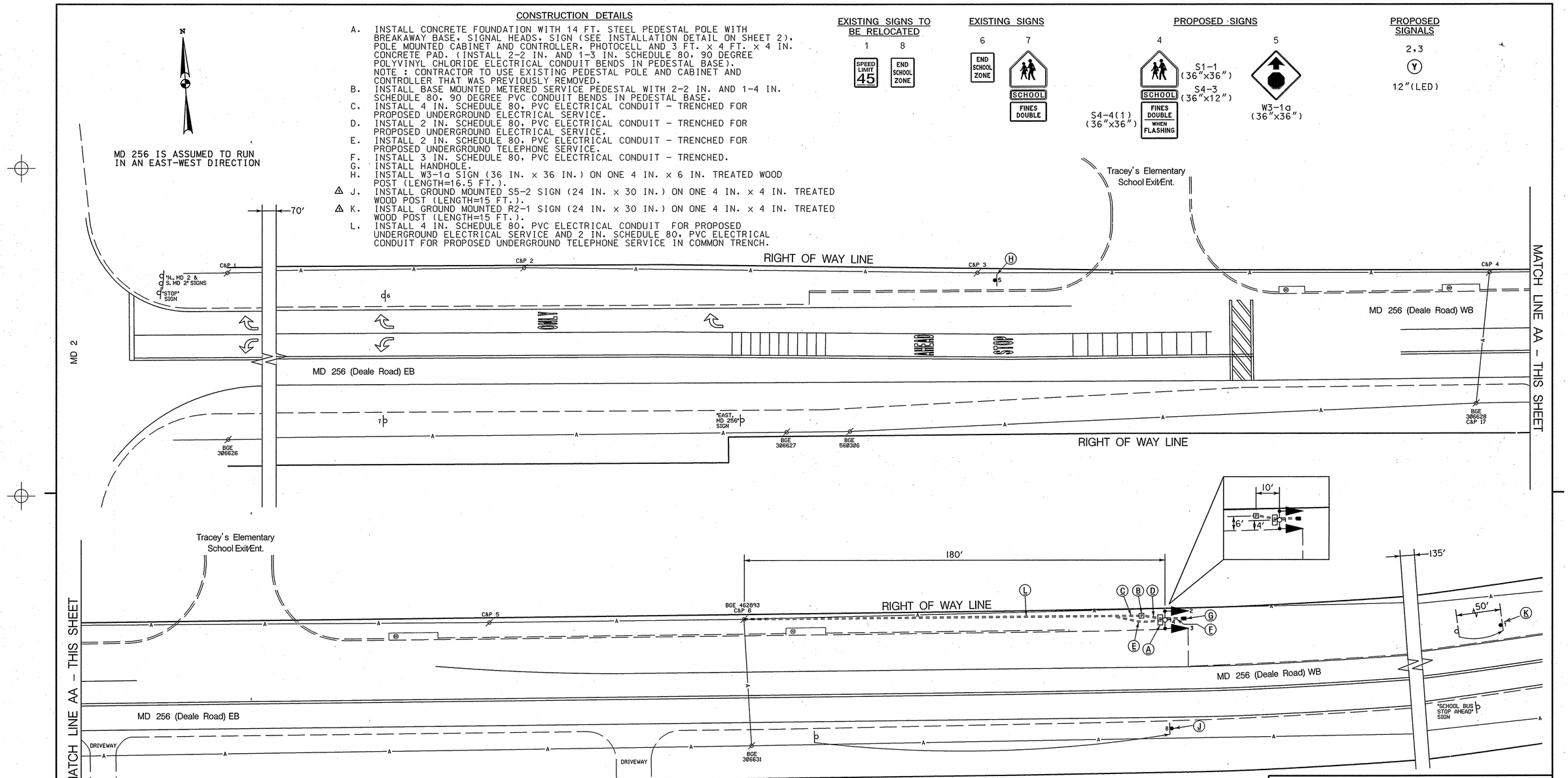
6 END SCHOOL ZONE
7 SCHOOL FINES DOUBLE

PROPOSED SIGNS

4 SCHOOL FINES DOUBLE WHEN FLASHING — S1-1 (36"x36"), S4-3 (36"x12"), S4-4(1) (36"x36")
5 W3-1a (36"x36")

PROPOSED SIGNALS

2,3 (Y) 12"(LED)



GENERAL NOTES

1. 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.
2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
3. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

WR&A
Whitman, Requardt and Associates, LLP
Engineers, Architects and Planners
801 South Caroline Street
Baltimore, Maryland 21231
410-235-3450

BY: fanuszewski

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
(A) RELOCATE SCHOOL HAZARD IDENTIFICATION BEACON DUE TO ROAD WIDENING
SHA. NO. 002011398 10/18/2007
SRB | NML | FJA | DBD | WH | WH/TH

REDLINE 1 DATE 11-8-07
ADJUST QUANTITIES AND REMOVE NEG. ITEM
TEDD APPROVAL

PLOTTED: Thursday, November 08, 2007 at 8:07:05 AM
FILE: p363-P001_I579.dgn

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 256 (Deale Road) and Tracey's Elementary School
School Hazard Identification Beacon

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 42001 CONTRACT NO. XX1005585
DESIGNED BY
DRAWN BY B. Malcolm
CHECKED BY
FAP NO.
COUNTY Anne Arundel
LOGMILE 02025600.00
TIMS NO. I579
TOD NO.
TS NO. 4087 B | DRAWING -—- OF · | SHEET NO. 1 OF 2