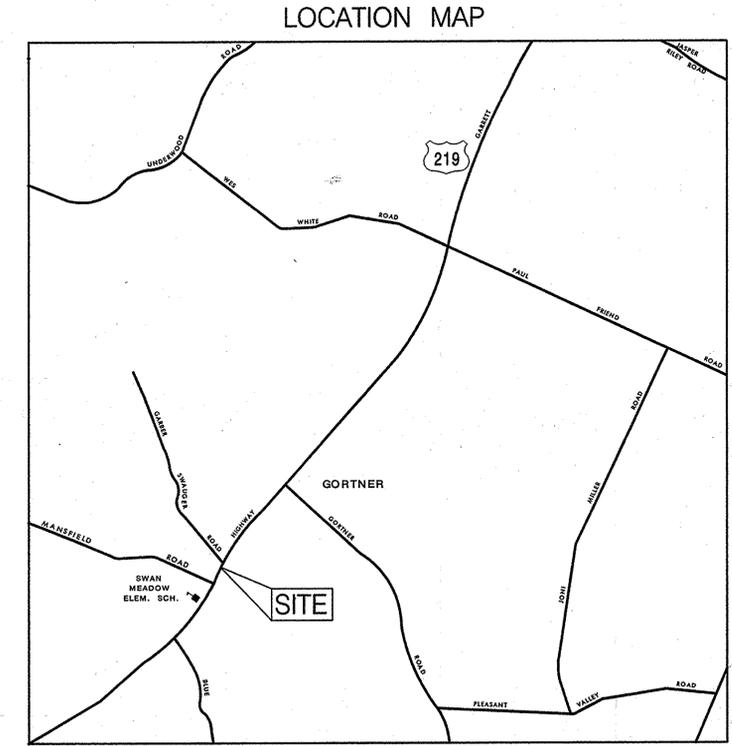
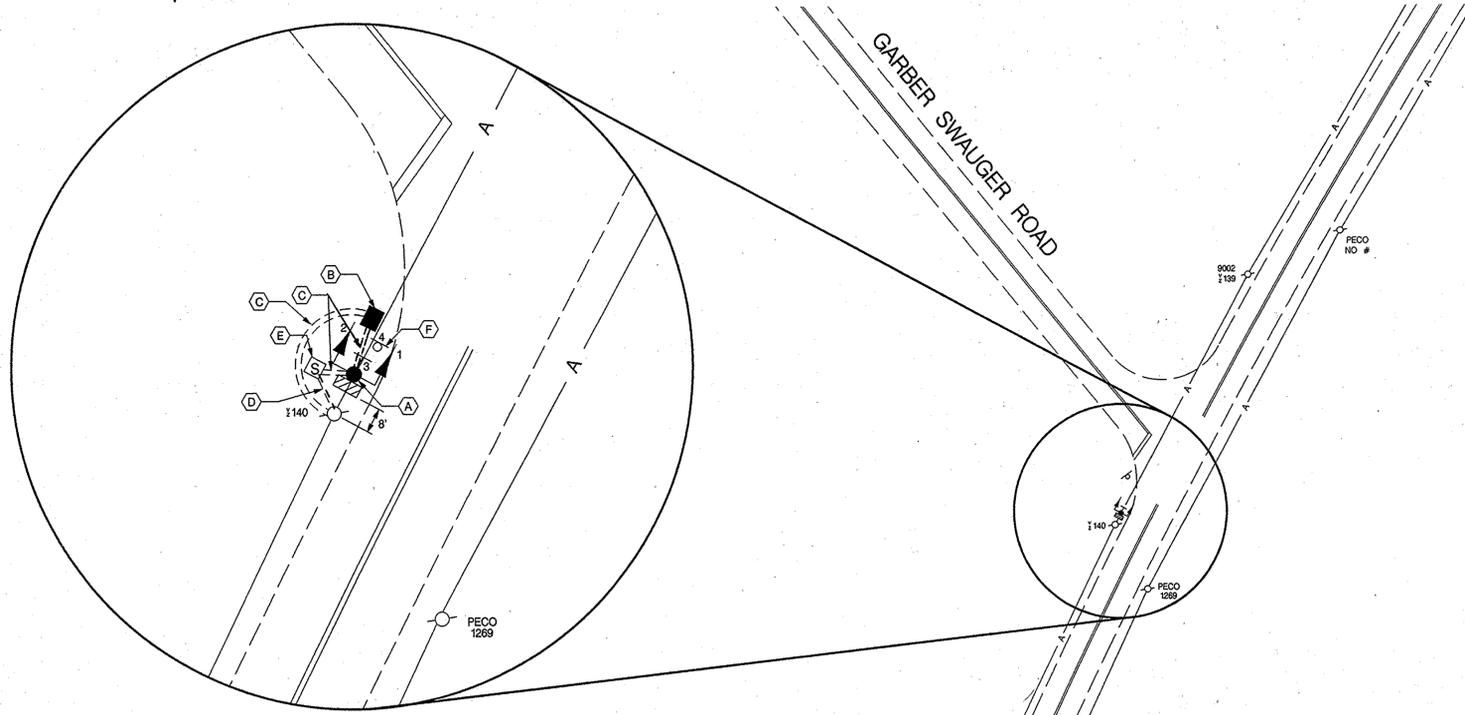


DRILL HOLES

DRILL HOLES

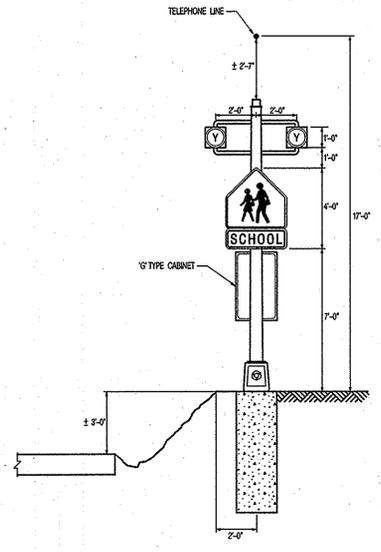
DRILL HOLES

US 219 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



SCALE: 1" = 2000'

HAZARD IDENTIFICATION BEACON DETAIL



PROPOSED SIGNALS



PROPOSED SIGN



EXISTING SIGNALS



EXISTING SIGN TO BE RELOCATED



CONSTRUCTION DETAILS
A. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE WITH SIGNAL HEADS, SIGN, AND A 2-CIRCUIT FLASHER UNIT IN A "G" TYPE POLE MOUNTED CABINET. (NOTE: INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
B. INSTALL ELECTRICAL HANDHOLE
C. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
D. PROPOSED UNDERGROUND ELECTRIC SERVICE. Install 4 in. Schedule 80 PVC-Trenched
E. INSTALL METER SERVICE PEDESTAL
F. INSTALL GROUND MOUNTED SIGN APPROXIMATELY 100 FT. TO THE SOUTH

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A SCHOOL HAZARD IDENTIFICATION BEACON ON SOUTHBOUND US 219 APPROACHING SWAN MEADOW ELEMENTARY SCHOOL NORTH OF MANSFIELD ROAD IN GARRETT COUNTY. US 219 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

CONTROLLER REQUIREMENTS

INSTALL A TWO-CIRCUIT FLASHER UNIT HOUSED IN A "G" TYPE POLE MOUNTED CABINET

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

QUANTITY	DESCRIPTION
1 EA	TWO-CIRCUIT FLASHER UNIT IN A "G" TYPE POLE MOUNTED CABINET
12 SF	SHEET ALUMINUM SIGNS TO CONSIST OF THE FOLLOWING
1 EA	S1-1 SIGN (36" x 36") - POLE MOUNT
1 EA	S4-3 SIGN (36" x 12") - POLE MOUNT

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2002	1 CY	TEST PIT EXCAVATION
8001	2 EA	12 IN. L.E.D. SIGNAL HEAD SECTION
8009	1 EA	14 FT. BREAKAWAY PEDESTAL POLE
8035	25 LF	2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8039	24 SF	INSTALL GROUND MOUNTED SIGNS
8043	1 EA	METERED SERVICE PEDESTAL
8046	100 LF	1 - CONDUCTOR ELECTRIC CABLE (NO. 8 A.W.G.)
8047	1 EA	HANDHOLE
8055	20 LF	3 - CONDUCTOR ELECTRIC CABLE (NO. 14 A.W.G.)
8064	1 EA	INSTALL CONTROLLER AND CABINET - POLE MOUNT
8065	15 LF	4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

T RAFFIC C ONCEPTS INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

APPROVALS	REVISIONS																
<p>TEAM LEADER: [Signature] 9-22-06</p> <p>ASS. DIV. CHIEF: [Signature] 9-22-06</p> <p>WOODS ROAD: [Signature] 9-25-06</p> <p>OFFICE DIRECTOR: [Signature] 9/25</p>	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 219 NORTH OF MANSFIELD ROAD

SCALE: NONE	DATE: 9-15-06	CONTRACT NO.: AT7835185
DESIGNED BY: T. ZAYDEL	COUNTY: GARRETT	
DRAWN BY: T. ZAYDEL	LOGMILE: 11021906.71	
CHECKED BY: K. SCHMID	T.I.M.S. NO.: H. 527	
F.A.P. NO.: NA	TOD NO.:	
DRAWING NO. TS 4524	SHEET NO. 1 OF 1	