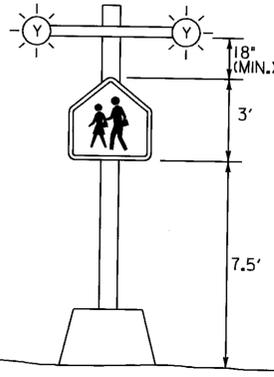


**INSTALLATION
DETAIL**



MD 214 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

**EASTBOUND MD 214 APPROACHING
DAVIDSONVILLE ELEMENTARY SCHOOL**

CONSTRUCTION DETAILS

- A. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE, SIGNAL HEADS, SIGN (SEE INSTALLATION DETAIL), POLE MOUNTED CABINET AND CONTROLLER WITH SOLAR POWER EQUIPMENT, PHOTOCELL AND 3 FT. x 4 FT. x 4 IN. CONCRETE PAD. (INSTALL 3-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE)
- B. INSTALL HANDHOLE.
- C. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- D. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR FUTURE UNDERGROUND ELECTRICAL SERVICE.
- E. INSTALL METERED SERVICE PEDESTAL. (INSTALL 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE.)
- F. INSTALL WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING LETTER "SCHOOL"
- G. REMOVE EXISTING S1-1 SIGN AND SUPPORT.
- H. REMOVE EXISTING PAVEMENT MARKING LETTER "SCHOOL".
- J. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR FUTURE UNDERGROUND ELECTRICAL SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY BGE FORCES.
- K. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED) FOR FUTURE UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY VERIZON FORCES.

SIGN



SIGNALS

1, 2
12"

MD 214 (CENTRAL AVE) EB

MD 214 WB

DAVIDSONVILLE ELEMENTARY SCHOOL

**WESTBOUND MD 214 APPROACHING
DAVIDSONVILLE ELEMENTARY SCHOOL**

BGE
468765

MD 214 (CENTRAL AVE) EB

MD 214 WB

SCHOOL
ENTRANCE

SCHOOL
EXIT

DAVIDSONVILLE ELEMENTARY SCHOOL

CONSTRUCTION DETAILS

- A. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE, SIGNAL HEADS, SIGN (SEE INSTALLATION DETAIL), POLE MOUNTED CABINET AND CONTROLLER WITH SOLAR POWER EQUIPMENT, PHOTOCELL AND 3 FT. x 4 FT. x 4 IN. CONCRETE PAD. (INSTALL 3-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE)
- B. INSTALL HANDHOLE.
- C. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- D. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR FUTURE UNDERGROUND ELECTRICAL SERVICE.
- E. INSTALL METERED SERVICE PEDESTAL. (INSTALL 1-2 IN. AND 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE.)
- F. INSTALL WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING LETTER "SCHOOL" APPROXIMATELY 300 FT. IN ADVANCE OF THE DAVIDSONVILLE SCHOOL ENTRANCE.
- G. REMOVE EXISTING S1-1 SIGN AND SUPPORT.
- H. REMOVE EXISTING PAVEMENT MARKING LETTER "SCHOOL".
- J. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR FUTURE UNDERGROUND ELECTRICAL SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY BGE FORCES.
- K. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED) FOR FUTURE UNDERGROUND ELECTRICAL SERVICE.
- L. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR FUTURE UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY VERIZON FORCES.

**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
(410) 235-3450

REVISIONS	APPROVALS
	<i>Michal...</i> 8/20/02 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>J...</i> 8/20/02 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>J...</i> 8/20/02 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
SCHOOL HAZARD IDENTIFICATION BEACONS
MD 214 AND DAVIDSONVILLE ELEM. SCHOOL

DRAWN BY: S.BLOSS	F.A.P. NO.	TS NO.
CHECKED BY: N.LEARY	S.H.A. NO. AA287A57	SHEET NO.
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. F435
DATE: 8/19/02	LOG MILE:	1 OF 2