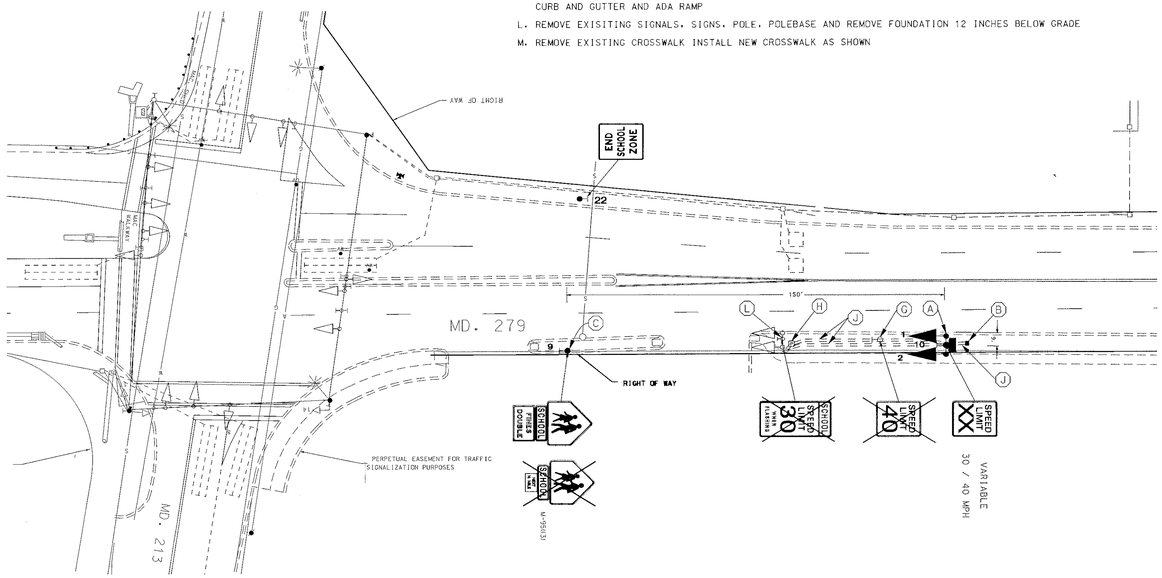
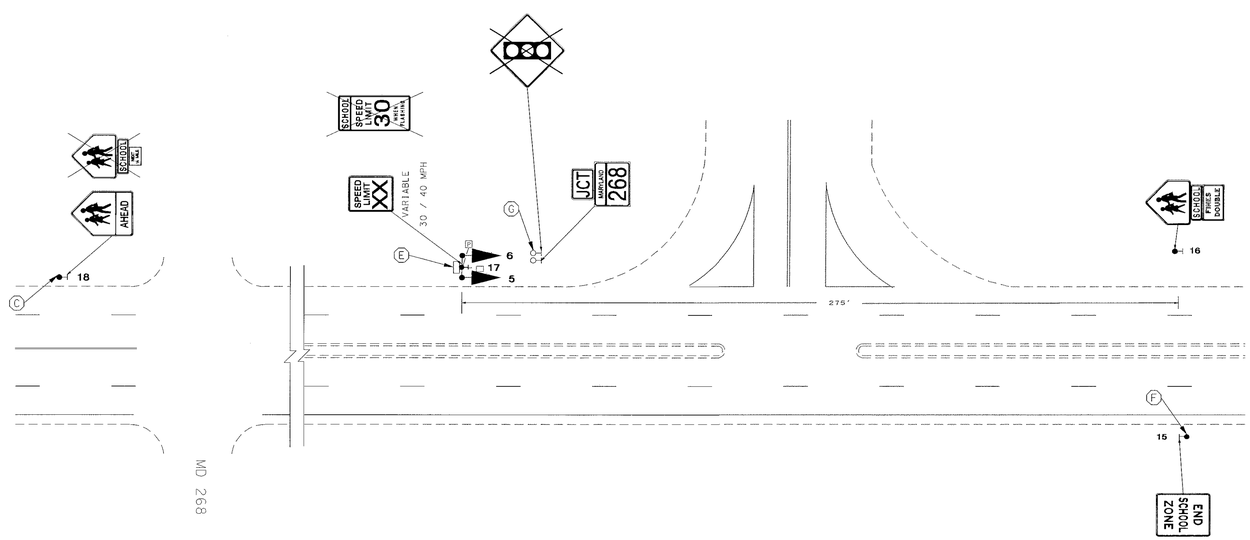
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF TWO VARIABLE SPEED LIMIT SIGNS AND UPGRADING THE EXISTING SCHOOL SIGNING FOR MD 279 AND JAMES STREET

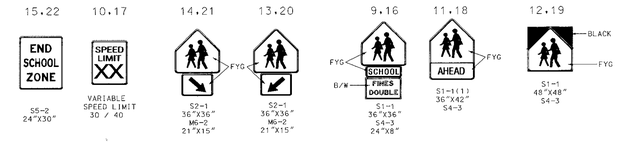
CONSTRUCTION DETAILS

A. INSTALL 20 FOOT PEDESTAL POLE, SIGNAL HEADS, SIGN, POLE MOUNTED CABINET (NOTE: 2 - 2 INCH CONDUITS IN POLE BASE)
B. INSTALL HANDHOLE
C. REMOVE EXISTING SIGN, INSTALL NEW SIGN AS SHOWN
D. REMOVE EXISTING PAVEMENT MARKING LETTERS INSTALL NEW PAVEMENT MARKING LETTERS (10 FOOT TALL) AS SHOWN
E. REMOVE EXISTING SIGNAL HEADS AND SIGNS INSTALL NEW SIGNAL HEADS AND SIGNS AS SHOWN
F. INSTALL GROUND MOUNTED SIGN AS SHOWN
G. REMOVE EXISTING GROUND MOUNTED SIGN
H. INSTALL METERED SERVICE PEDESTAL
I. INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT WITH 90 DEGREE BEND AT POLE BASE FOR SERVICE
J. INSTALL 2 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT WITH 90 DEGREE BEND AT UTILITY POLE BASE FOR TELECOMMUNICATIONS
K. REMOVE 10 FOOT SECTION OF EXISTING CURB AND GUTTER AND 10 FOOT SECTION OF SIDEWALK, INSTALL DEPRESSED CURB AND GUTTER AND ADA RAMP
L. REMOVE EXISITING SIGNALS, SIGNS, POLE, POLEBASE AND REMOVE FOUNDATION 12 INCHES BELOW GRADE
M. REMOVE EXISTING CROSSWALK INSTALL NEW CROSSWALK AS SHOWN

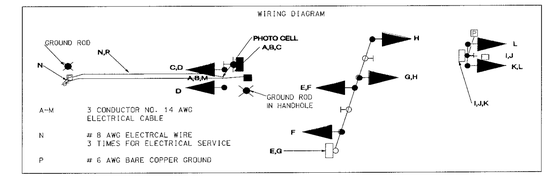


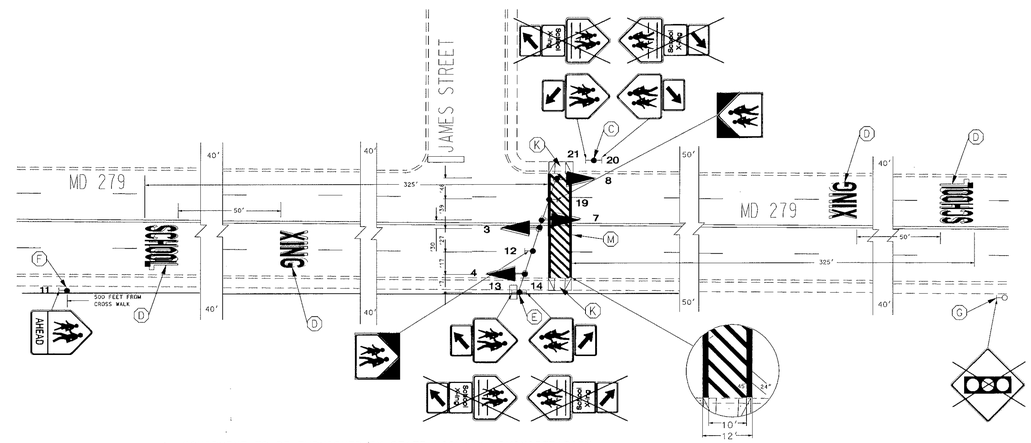


PROPOSED SIGNS



PROPOSED SIGNALS





A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9004	118 SF	SHEET ALUMINUM SIGN
		6 EA. S2-1 36"X36" (SCHOOL SYMBOL)
		2 EA. M6-2 21"X15" (ARROW DOWN RIGHT)
		2 EA. M6-2 21"X15" (ARROW DOWN LEFT)
		2 EA. S4-3 24"X8" (SCHOOL WORD)
		2 EA. S1-1(1) 36"x42"(SCHOOL SYMBOL, AHEAD WORD)
		2 EA. S1-1 48" X 48" (SCHOOL SYSMBOL MAST ARM MOUNT)
9076	1 EA	CABINET "G" TYPE POLE MT
9089	15 SF	FLAT SHEET ALUM SIGN-YELLOW, ORANGE, & SILVER (SF)
		2 EA. S5-2 24"X30" (END SCHOOL ZONE)
9000	2 EA	VARIABLE SPEED LIMIT SIGN

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
0	500 PA	UTILITY UNIT
1001	1 EA	MAINTENANCE OF TRAFFIC
2001	0.5 CY	CLASS 2 EXCAVATION
2002	1 CY	TEST PIT EXCAVATION
5002	232 LF	12 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	240 LF	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS - ANY WIDTH
5005	22 EA	HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTERS
5007	22 EA	REMOVE EXISTING PAVEMENT MARKINGS - LETTERS, ARROWS, SYMBOLS, AND NUMBERS
6001	20 EA	FURNISH AND INSTALL DEPRESSED CURB AND GUTTER
6004	90 SF	4 INCH CONCRETE SIDEWALK
8000	192 LF	TO BE NEGOTIATED - FURNISH AND INSTALL WOOD SIGN SUPPORTS 4 INCH X 6 INCH
8012	1 EA	FURNISH AND INSTALL PHOTO CELL
8015	8 EA	FURNISH AND INSTALL 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8021	1 EA	FURNISH AND INSTALL BREAKAWAY PEDESTAL POLE (ANY SIZE)
8028	1 EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8029	1 EA	REMOVE FOUNDATION 12 INCH DEPTH
8031	140 LF	FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8033	15 LF	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8037	1 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8038	100 LF	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8047	1 EA	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT
8048	240 LF	FURNISH AND INSTALL ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG - THHN/THWN
8049	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8050	80 SF	INSTALL GROUND MOUNTED SIGN
8051	86 SF	INSTALL OVERHEAD SIGN
8055	2 EA	FURNISH AND INSTALL CONNECTOR KIT - TYPE 1
8056	1 EA	FURNISH AND INSTALL CONNECTOR KIT - TYPE 2
8057	2 EA	FURNISH AND INSTALL GROUND ROD -¾INCH DIAMETER X 10 FOOT LENGTH
8061	150 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 3 CONDUCTOR (NO 14 AWG)
8069	1 EA	INSTALL CONTROLLER AND CABINET - POLE MOUNT

C. EQUIPMENT TO BE RETURNED TO SHA

0000	1 EA	POLE MOUNTED CABINET AND CONTROLLER

REVISIONS	APPROVALS
A INSTALL VARIABLE SPEED LIMIT SIGNS AND UPGRADE SCHOOL SIGNING OT 2000 8/2001	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 279 AND JAMES STREET

DRAWN BY: J. HENKEL	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: MICKEY RUCKER	S.H.A. NO. 238547250287A		
SCALE: 1" = 30'	COUNTY: CECIL	T.I.M.S. NO. E 650	01 OF 01
DATE: 8/2001	LOG MILE: 07027901.51		