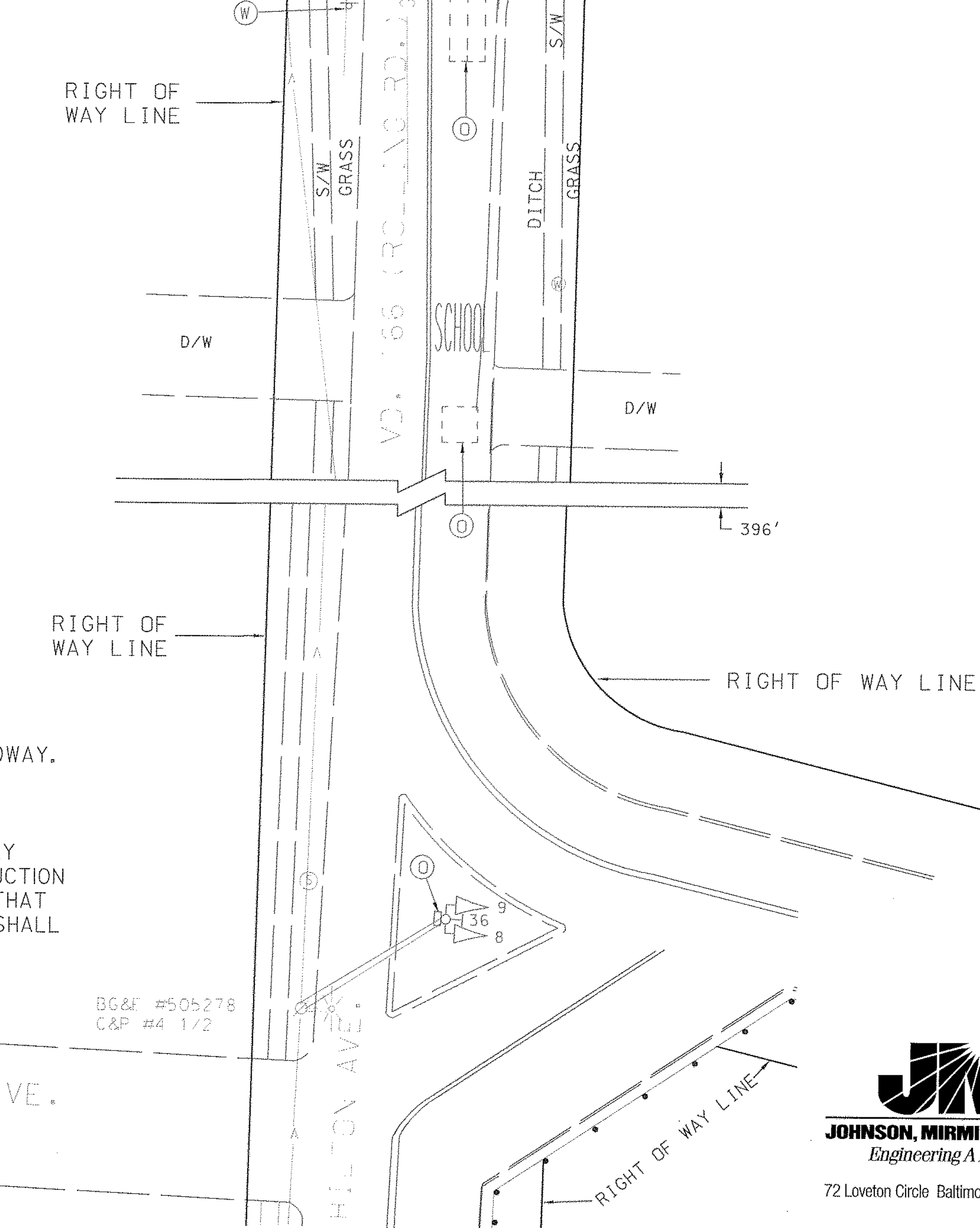
CONSTRUCTION DETAILS

- (A) EXISTING STRAIN POLE WITH POLE MOUNTED CONTROLLER TO REMAIN. ADD CABINET EXTENSION BASE TO CONTROLLER.
- (B) INSTALL 12″ X 30′ GALVANIZED STEEL STRAIN POLE AND SCHOOL CROSS WALK SIGN WITH TWO-WAY PEDESTRAIN SIGNAL HEADS AND PUSH BUTTON AND SIGN. (NOTE: 1-3 INCH SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND, 4-1 3/4″ x 96″ ANCHOR BOLTS.
- (C) EXISTING STRAIN POLE TO REMAIN.
- (D) REMOVE EXISTING STRAIN POLE INCLUDING PEDESTRIAN SIGNAL HEADS.
- (E) EXISTING HAND HOLE TO REMAIN.
- (F) EXISTING CONDUIT TO REMAIN.
- (G) DISCONNECT EXISTING LOOP DETECTOR.
- (H) REMOVE EXISTING SPAN WIRE SIGNAL HEADS AND SIGNS.
- (I) INSTALL SIGNAL HEADS AND SIGNS-SPAN WIRE MOUNT TETHER 5 SECTION SIGNALS AND SIGNS TO BOTTOM SPAN WIRE.
- (J) INSTALL STEEL SPAN WIRE-3/8″ DIAMETER W/ 1/4″ ϕ TETHER WIRE.
- (K) INSTALL 6′X30′ LOOP DETECTOR ENCASED IN 1/4″ FLEXIBLE TUBING (3-6-3 TURNS).
- (L) INSTALL 6′X6′ LOOP DETECTOR ENCASED IN 1/4″ FLEXIBLE TUBING (4 TURNS).
- (M) INSTALL 1 INCH GALVANIZED DETECTOR SLEEVE.
- (N) INSTALL 24 INCH WHITE PAVEMENT MARKING (STOP LINE).
- (O) EXISTING SIGNAL EQUIPMENT TO REMAIN.
- (P) INSTALL 3″ SCHEDULE 80 PVC-TRENCHED.
- (Q) ABANDON EXISTING CONDUIT.
- (R) INSTALL MICROLOOP TRIPLE PROBE SET 500′ LEAD IN.
- (S) INSTALL PROPOSED HANDHOLE.
- (T) INSTALL 3″ SCHEDULE 80 PVC - BORED.
- (U) REMOVE EXISTING STRIPING (STOP LINE).
- (V) INSTALL 12 INCH WHITE PAVEMENT MARKING (CROSS WALK).
- (W) EXISTING GROUND MOUNT SIGN TO REMAIN.
- (X) REMOVE EXISTING GROUND MOUNT SIGN.
- (Y) INSTALL GROUND MOUNT SIGN.
- (Z) REMOVE EXISTING OVERHEAD SIGN.
- (AA) INSTALL 1 INCH LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.



GENERAL NOTES

1. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
2. THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
3. PAVEMENT MARKINGS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
4. SEE PAVEMENT MARKING SHEET FOR ADDITIONAL STRIPING.
5. STREET NAME AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARRALLEL TO THE ROADWAY.
6. ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
7. ALL UNDER GROUND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future
72 Loveton Circle Baltimore, Maryland 21152-0949

REVISIONS

(F) INSTALL NEW STRAIN POLE IN N/W QUADRANT DUE TO GEO. IMPR. REDUE LOOPS. SHA. BA3635176 3/00

(E) 11/94-INSTALLED H.I.B.'S ON E/B & W/B MD. 144 & N/B MD. 166 SHA #855-25057025

WM	DJD	DAZ	ETP	TH

D . 08/94

WM

(C) ASBUILT/RECONSTRUCT ADD NEW CABINET, SIGNALS AND WIRING 9/91

MEL	DJD	DAZ	ETP	TH

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL NOTED ON FILE

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

MD. 144 & MD. 166/ ENTRANCE TO HILLCREST ELEM. SCHOOL

DRAWN BY:	MELODY COOK	F.A.P. NO.	SEE TITLE SHEET	TS NO. TS-3191 F	SHEET NO.
CHECKED BY:		S.H.A. NO.	BA3635176		
SCALE:	1″=20′	COUNTY:	BALTIMORE	T.I.M.S. NO. D810	
DATE:	9-19-91	LOG MILE	03014402.72		7 OF 8