F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
7	MD			

MD 144 IS ASSUMED TO RUN IN AN EAST WEST DIRECTION

PROPOSED SIGNALS

1,2, 5,6 — 12"
4 — 12"
3 — 12"/8"
7 — 12"
8,9, 10,11

PROPOSED SIGNS

14 — R10-12 LEFT TURN YIELD ON GREEN — 36" x 42"
15 — R3-5L ONLY — 30" x 36"
18,20,21 — NEW — TEMPORARY SIGN W3-3 NEW 36" X 36"
17 — WEST 144 EAST / EAST PATRICK ST — M95-1 78" X 24"
19 — R3-7 RIGHT LANE MUST TURN RIGHT — 30" x 30"
13 — R3-5R ONLY — 30" x 36"
12, 12a 16, 16a — FRANKLIN ST — D3-2 16" X VARIABLE

EXISTING SIGNS

21

NEMA PHASING

Ø2 Ø4 Ø5 Ø6

Ø4 ALTERNATE

FLASHING OPERATION

PHASING NOTES

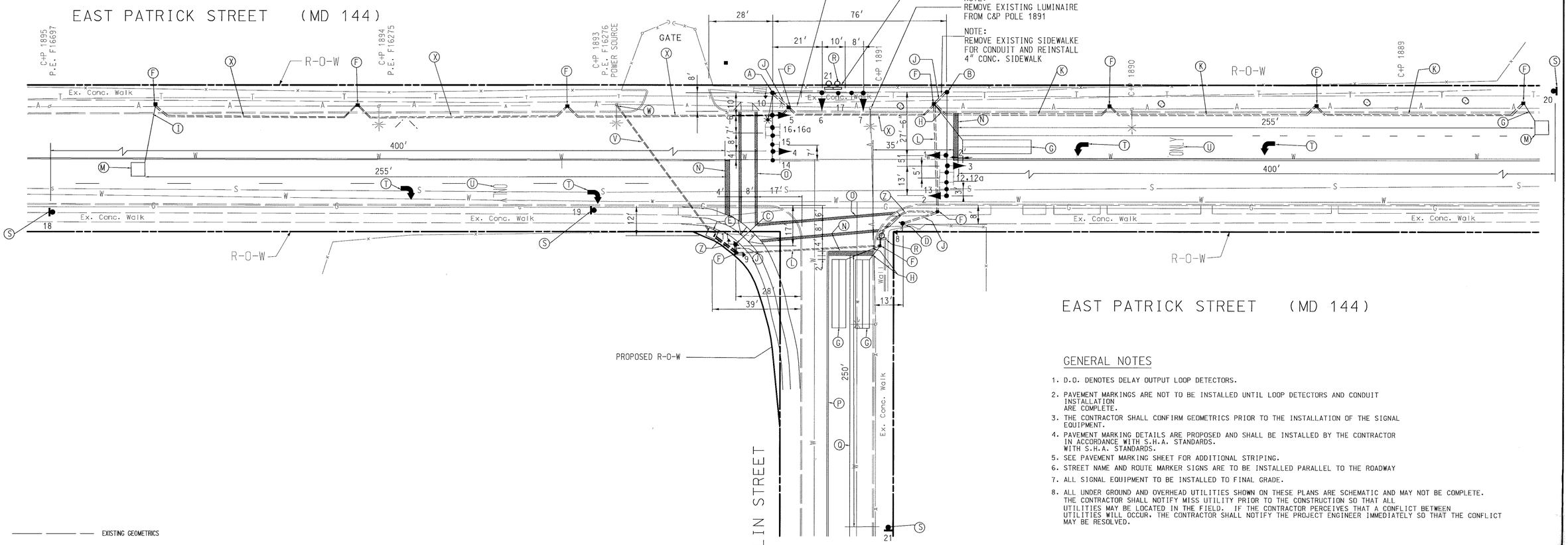
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY

NOTE: AERIAL WIRE HEIGHT CABLE.....22.0'

NOTE: REMOVE EXISTING ROUTE MARKER SIGNS. AIRPORT SIGN TO REMAIN

NOTE: REMOVE EXISTING LUMINAIRE FROM C&P POLE 1891

NOTE: REMOVE EXISTING SIDEWALKE FOR CONDUIT AND REINSTALL 4" CONC. SIDEWALK



EAST PATRICK STREET (MD 144)

GENERAL NOTES

1. D.O. DENOTES DELAY OUTPUT LOOP DETECTORS.
2. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
3. THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
4. PAVEMENT MARKING DETAILS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. WITH S.H.A. STANDARDS.
5. SEE PAVEMENT MARKING SHEET FOR ADDITIONAL STRIPING.
6. STREET NAME AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY
7. ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
8. ALL UNDER GROUND AND 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 WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

LEGEND OF UTILITIES

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

JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future

REVISIONS	APPROVALS
	DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC — 5/21/99
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

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

MD 144 AT FRANKLIN STREET

LOG MILE: 1001440.405

DRAWN BY:		F.A.P. NO.	STP-G-7802 (5) G
CHK. BY:	MMR 5-24-99	S.H.A. NO.	FR360A54/B54
SCALE:	1" = 20'	COUNTY	FREDERICK
DATE:	3/22/99	TS NO.	3881
		SHEET NO.	1 OF 2