7TH STREET IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNALS

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

PROPOSED SIGNALS

1 — 12"/8"
2 — 12"

BLACK SIGNAL HEADS

EXISTING SIGNS

14,17,18 — R3-5L (30"x 36")
13,15,16,19 — 7th Street, D-3(1) (DUAL FACED) (VARIABLE x 16")

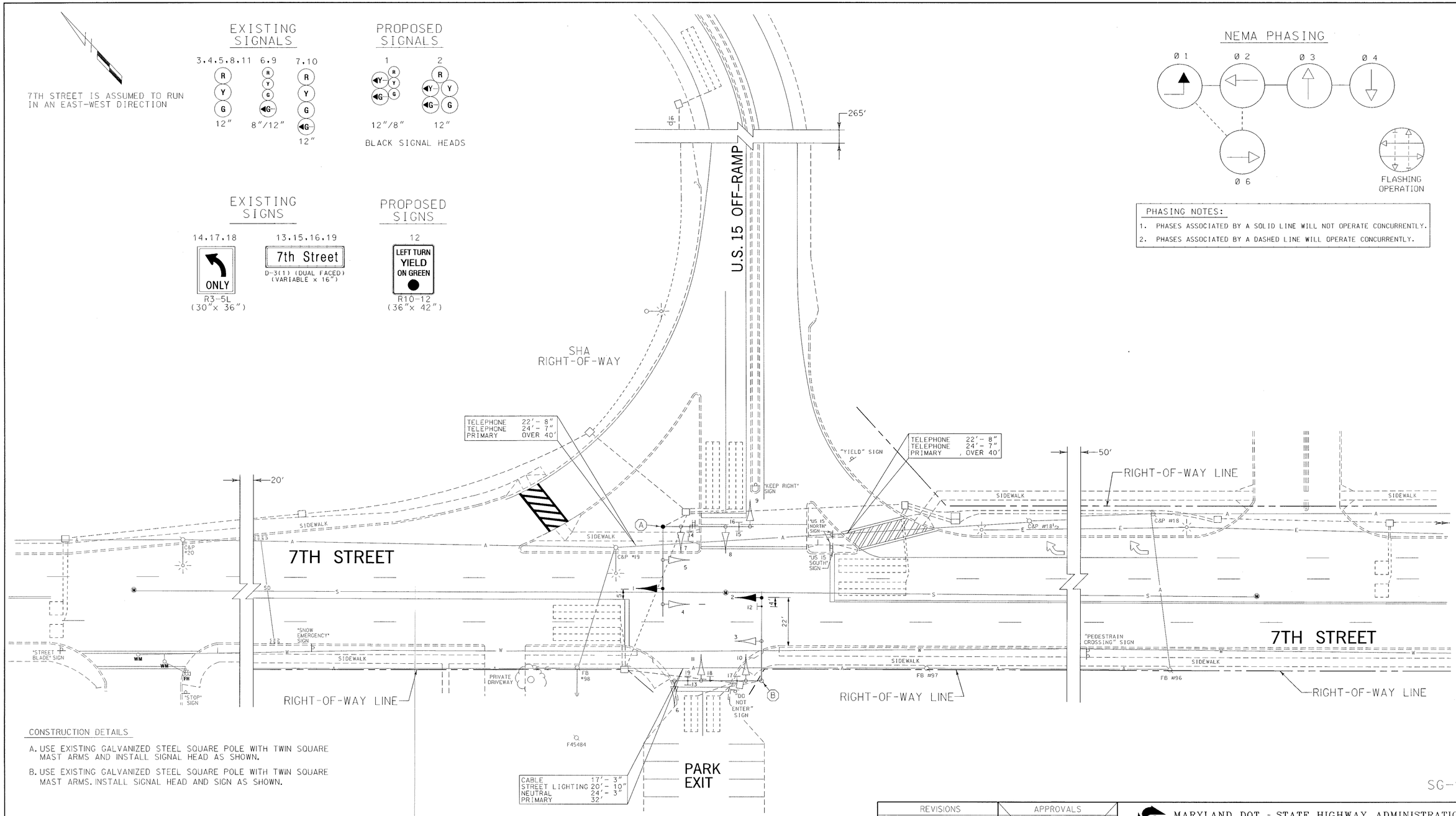
PROPOSED SIGNS

12 — R10-12 (36"x 42")

NEMA PHASING

PHASING NOTES:

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



CONSTRUCTION DETAILS

A. USE EXISTING GALVANIZED STEEL SQUARE POLE WITH TWIN SQUARE MAST ARMS AND INSTALL SIGNAL HEAD AS SHOWN.

B. USE EXISTING GALVANIZED STEEL SQUARE POLE WITH TWIN SQUARE MAST ARMS. INSTALL SIGNAL HEAD AND SIGN AS SHOWN.

SG-1

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

GENERAL NOTES

1. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING 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.

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD; SUITE 210
COLUMBIA, MARYLAND 21045
(410)-884-3607

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
(A) ADDED E/P LEFT TURN FOR EASTBOUND APPROACH OF 7th ST. 09/2001 SHA No.: XX1065585 MAM	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

U.S. 15 NB OFF – RAMP AND 7TH STREET

DRAWN BY: S.BLOSS	F.A.P. NO.	TS NO. TS-3991A	SHEET NO.
CHECKED BY: N. LEARY	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: FREDERICK	T.I.M.S. NO. E906	1 OF 2
DATE:	LOG MILE:		