CONSTRUCTION DETAILS

A. USE EXISTING POLE MOUNTED CONTROLLER.

B. USE EXISTING STRAIN POLE.

C. USE EXISTING SPAN WIRE.

D. INSTALL NEW BLACK-FACED TRAFFIC SIGNALS ON SPAN WIRE. REMOVE EXISTING TRAFFIC SIGNALS FROM SPAN WIRE AS NOTED AND ADJUST SPAN HEIGHT.

E. INSTALL NEW SPAN WIRE AND NEW BLACK-FACED TRAFFIC SIGNALS.

F. INSTALL OVERHEAD VIDEO DETECTION CAMERA AND WIRING (CONTACT SHA SIGNAL SHOP TO INSTALL EQUIPMENT IN CABINET).

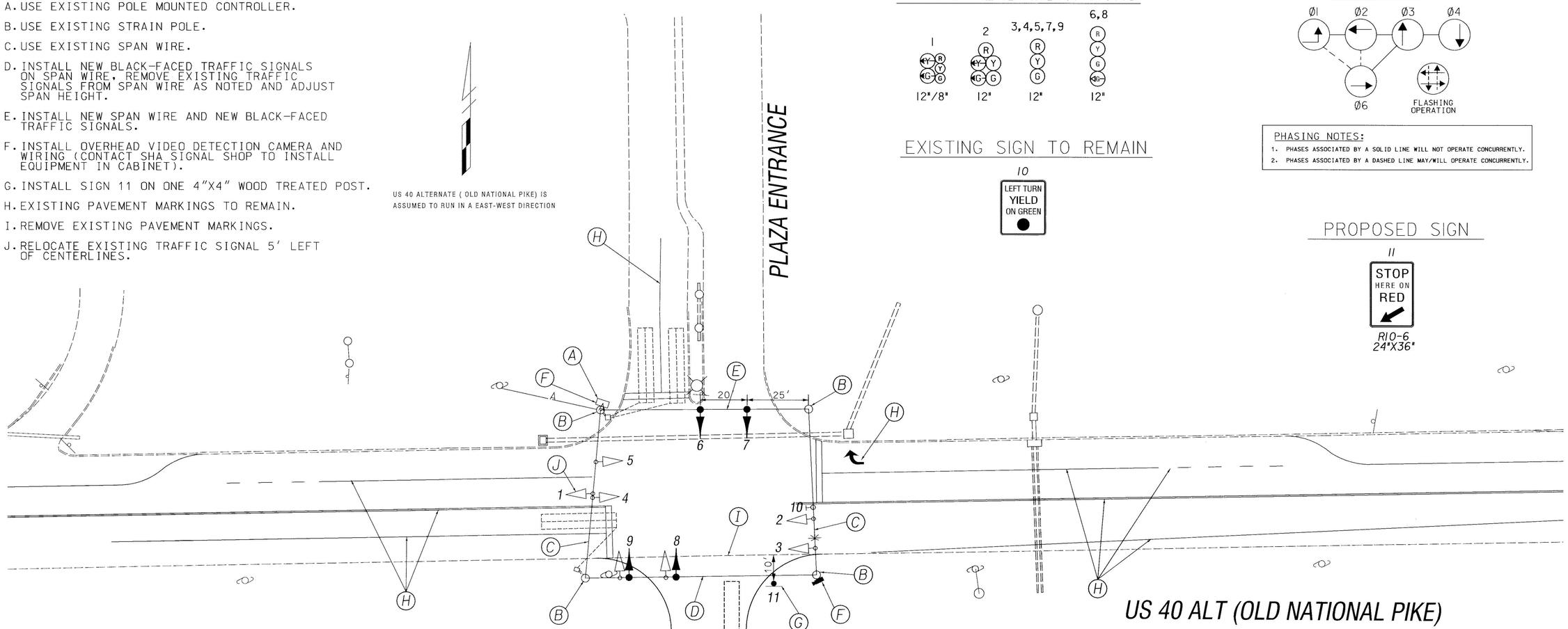
G. INSTALL SIGN 11 ON ONE 4"X4" WOOD TREATED POST.

H. EXISTING PAVEMENT MARKINGS TO REMAIN.

I. REMOVE EXISTING PAVEMENT MARKINGS.

J. RELOCATE EXISTING TRAFFIC SIGNAL 5' LEFT OF CENTERLINES.

US 40 ALTERNATE (OLD NATIONAL PIKE) IS ASSUMED TO RUN IN A EAST-WEST DIRECTION



SIGNAL HEAD INDICATIONS

NEMA PHASING

PHASING NOTES:

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

EXISTING SIGN TO REMAIN

10

PROPOSED SIGN

11

R10-6
24"X36"

CONSTRUCTION NOTES

① EXISTING SIGNAL OPERATIONS TO BE MAINTAINED AT ALL TIMES

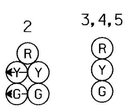
② NEW SIGNAL HEAD LOCATIONS TO BE VERIFIED BY FIELD ENGINEER

③ CONTRACTOR SHALL HAVE CATALOG CUT APPROVED BY THE OFFICE OF TRAFFIC AND SAFETY PRIOR TO PURCHASING EQUIPMENT

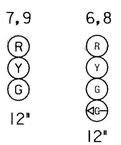
④ SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR INSTALLING ALL CABINET EQUIPMENT

EXISTING SIGNAL TO BE RELOCATED

EXISTING SIGNALS TO REMAIN



PROPOSED SIGNALS



TS-1

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES		
AERIAL CABLE	—A—	—A—
ELECTRIC	—E—	—E—
TELEPHONE	—T—	—T—
GAS	—G—	—G—
SEWER	—S—	—S—
WATER	—W—	—W—
CABLE TV	—TV—	—TV—

SYMBOL KEY

DETECTION ZONE

OVERHEAD VIDEO DETECTION CAMERA

ENGINEERING-PLANNING-EARTH SCIENCES-SURVEYING
GREENHORNE & O'MARA, INC.
810 GLENEAGLES COURT, SUITE 106, BALTIMORE, MARYLAND 21286
(410) 583-6700
ANNAPOLIS,MD-BALTIMORE,MD-ATLANTA,GA-TAMPA,FL-FAIRFAX,VA-WEST PALM BEACH,FL
ROCKVILLE,MD-RALEIGH,NC-FREDERICKSBURG,VA-MECHANICSBURG,PA- ST. PETERSBURG,FL

REVISIONS	APPROVALS
A ADD EXCLUSIVE/PERMISSIVE LEFT TURNS FOR EASTBOUND US 40 ALT JULY 1998 KW DBD	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
B TO INTERSECTION ADDED 4TH LEG 7/01	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
Traffic Signal Plan
US 40 ALT AT TOWN CENTER PLAZA ENTRANCE

DRAWN BY:	LRH	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	CJP	S.H.A. NO.		1919X B	
SCALE:	1" = 20'	COUNTY:	FREDERICK CO	T.I.M.S. NO.	1 OF 2
DATE:	JULY 6, 2001	LOG MILE:	6.10	E694	

J:/TRANS/0251/SignalDesign/2D-DGN/TS01
July 10, 2001 10:00