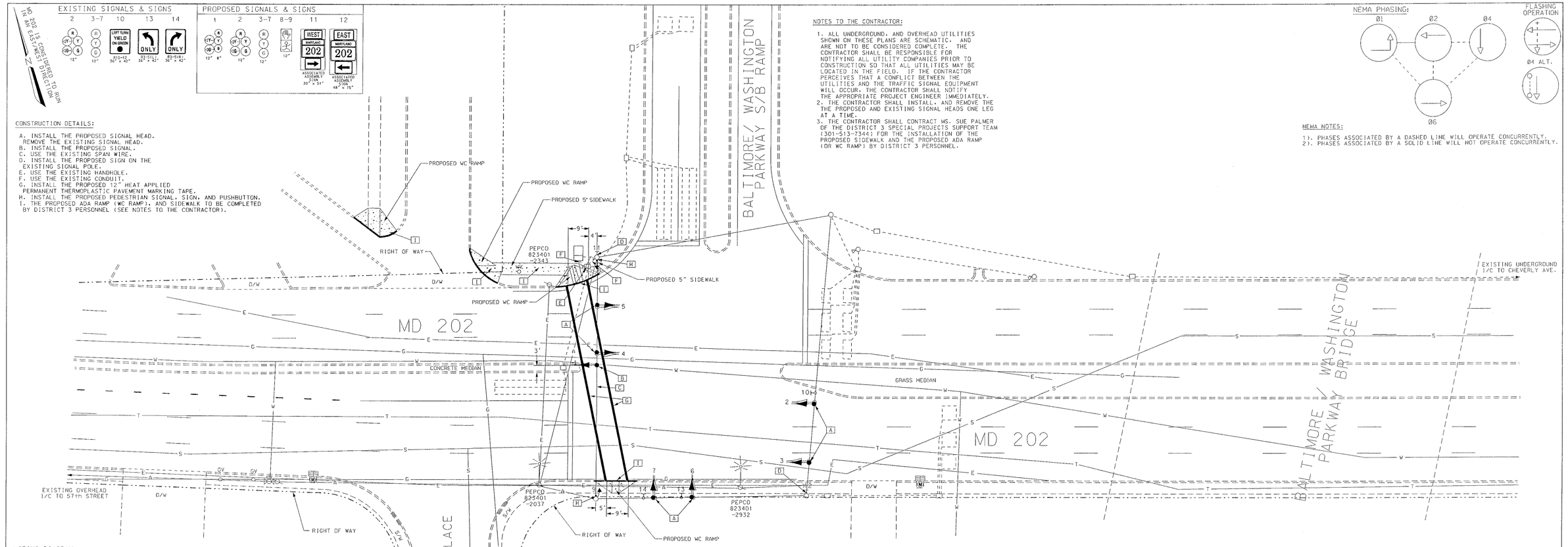


NOTES TO THE CONTRACTOR:

1. ALL UNDERGROUND, AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC, AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
2. THE CONTRACTOR SHALL INSTALL, AND REMOVE THE THE PROPOSED AND EXISTING SIGNAL HEADS ONE LEG AT A TIME.
3. THE CONTRACTOR SHALL CONTRACT MS. SUE PALMER OF THE DISTRICT 3 SPECIAL PROJECTS SUPPORT TEAM (301-513-7344) FOR THE INSTALLATION OF THE PROPOSED SIDEWALK AND THE PROPOSED ADA RAMP (OR WC RAMP) BY DISTRICT 3 PERSONNEL.

NEMA PHASING:

NEMA NOTES:

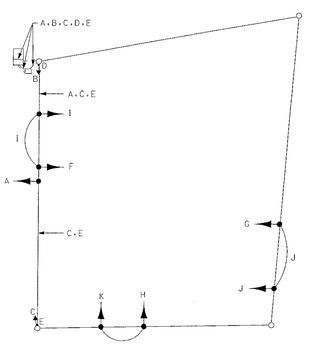
1). PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2). PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS:

A. INSTALL THE PROPOSED SIGNAL HEAD. REMOVE THE EXISTING SIGNAL HEAD.
B. INSTALL THE PROPOSED SIGNAL.
C. USE THE EXISTING SPAN WIRE.
D. INSTALL THE PROPOSED SIGN ON THE EXISTING SIGNAL POLE.
E. USE THE EXISTING HANDHOLE.
F. USE THE EXISTING CONDUIT.
G. INSTALL THE PROPOSED 12" HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING TAPE.
H. INSTALL THE PROPOSED PEDESTRIAN SIGNAL, SIGN, AND PUSHBUTTON.
I. THE PROPOSED ADA RAMP (WC RAMP), AND SIDEWALK TO BE COMPLETED BY DISTRICT 3 PERSONNEL (SEE NOTES TO THE CONTRACTOR).

WIRING DIAGRAM

A = 7-CONDUCTOR CABLE (NO. 14 AWG)
B-C = 3-CONDUCTOR CABLE (NO. 14 AWG)
D-E = 2-CONDCUTOR CABLE (NO. 14 AWG)
F-H = USE THE EXISTING 7-CONDUCTOR CABLE (NO. 14 AWG)
I-K = USE THE EXISTING 5-CONDUCTOR CABLE (NO. 14 AWG)



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
D	D	STORM DRAIN

PHASE CHART

	1	2	3	4	5	6	7	8-9	
PHASE 1 & 6	←G-G	←G-G	G	R	R	R	R	DW	
1 CHANGE	←Y-G	←Y-G	G	R	R	R	R	DW	
PHASE 2 & 6	G	G	G	G	G	R	R	DW	
2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	DW	
PHASE 4	R	R	R	R	R	G	G	DW	
4 CHANGE	R	R	R	R	R	Y	Y	DW	
4 ALT.	R	R	R	R	R	G	G	DW	
PED. CLEAR	R	R	R	R	R	G	G	WK	
4 ALT. CHANGE	R	R	R	R	R	Y	Y	FL/DW	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK	

EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
	37.1 S.F.	1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN. "EAST. MARYLAND 202. (RIGHT ARROW)". 30" x 51". POLE MOUNTED HARDWARE
		1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN. "WEST. MARYLAND 202. (LEFT ARROW)". 48" x 75". POLE MOUNTED HARDWARE
		2 EACH PUSHBUTTON W/ R10-4(1) SIGN. "PUSHBUTTON TO CROSS CENTRAL AVENUE". 9" x 12". POLE MOUNTED HARDWARE

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8014	4 EACH	F & I 12" PEDESTRIAN HEAD SECTION
8015	22 EACH	F & I 12" BLACK FACED VECHICULAR SIGNAL HEAD SECTION
8020	3 EACH	F & I 8" BLACK FACED VECHICULAR SIGNAL HEAD SECTION
8050	35.6 S.F.	INSTALL GROUND MOUNTED SIGN
8060	270 L.F.	F & I ELECTRICAL CABLE - 2-CONDUCTOR (NO. 14 AWG)
8061	290 L.F.	F & I ELECTRICAL CABLE - 3-CONDUCTOR (NO. 14 AWG)
* 8063	120 L.F.	F & I ELECTRICAL CABLE - 7-CONDUCTOR (NO. 14 AWG)
8066	2 EACH	INSTALL PUSHBUTTON AND SIGN

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
		ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

REVISIONS

C. 08/ 2001 - AS BUILT: INSTALL PEDESTRIAN SIGNALS ON WEST LEG OF THE INTERSECTION
SHA NO. DT2000
B. 07/14/1992 - AS BUILT FOR RED LIGHT CAMERA INSTALLATION
SHA NO.
A. 11-16-1992 - REPLACEMENT OF LOOP DETECTORS DUE TO GEOMETRIC CONSTRUCTION
SHA NO. BW 1A24, B15

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
ORIGINAL PLAN ON FILE

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

MD 202 (Central Avenue) and BALTIMORE/ WASHINGTON S/B OFF-RAMP
Cheverly, Maryland

DRAWN BY: Lee Townsend	F.A.P. NO.	T.S. NO. TS-651 C	SHEET NO.
CHECKED BY: S.A.R.	S.H.A. NO. BS854H2502890		
SCALE: 1" = 20'	COUNTY PRINCE GEORGE'S	T.I.M.S. NO. E727	1 OF #
DATE: July 29, 1972	LOG MILE 16020213.47		