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

EXISTING SIGNALS

12" R Y G — 1,2,5,6,7
12" R Y G — 3,4,8–15

EXISTING SIGNS

R3–5L 30"x36" ONLY — 17,18,21
R3–5R 30"x36" ONLY — 22

D3–2 (Var.x16") 48"x96" GROUND MOUNTED
Bethany La.
Centennial La.
NEXT SIGNAL — 25

D3–2 (Var.x16") 48"x96" GROUND MOUNTED
Centennial La.
Bethany La.
NEXT SIGNAL — 28

PROPOSED SIGNALS

R Y G — 12" BLACK FACE 12,15
R Y G — 12" BLACK FACE 10,11,13,14

PROPOSED SIGN
R3–6
30"x36" — 29

W11a–2 36"x36" — M6–2 15"x21" — 27,30
W11a–2 36"x36" — M6–2 15"x21" — 26,29

M3–4 24"x12" WEST — M1–4 24"x24" — M6–1 21"x15" — 31
M3–4 24"x12" WEST — M1–4 24"x24" — M6–1 21"x15" — 33
M3–2 24"x12" EAST — M1–4 24"x24" — M6–1 21"x15" — 32
M3–2 24"x12" EAST — M1–4 24"x24" — M6–1 21"x15" — 34
R3–5L 30"x36" ONLY — 23
R3–6R 30"x36" — 24

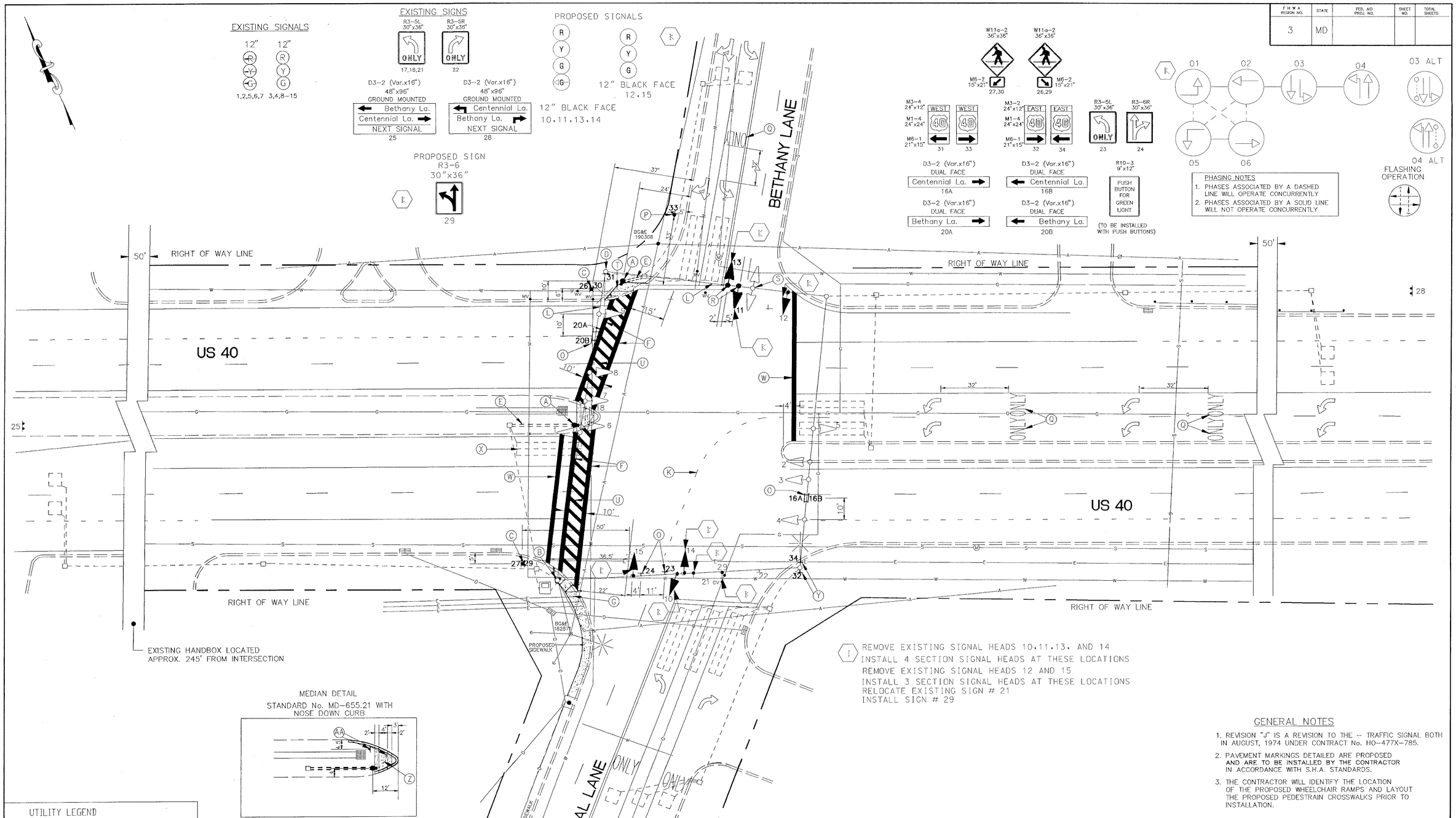
D3–2 (Var.x16") DUAL FACE
Centennial La. — 16A
D3–2 (Var.x16") DUAL FACE
Centennial La. — 16B
D3–2 (Var.x16") DUAL FACE
Bethany La. — 20A
D3–2 (Var.x16") DUAL FACE
Bethany La. — 20B

R10–3 9"x12"
PUSH BUTTON FOR GREEN LIGHT
(TO BE INSTALLED WITH PUSH BUTTONS)

01 02 03 04 05 06

03 ALT
04 ALT
FLASHING OPERATION

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



REMOVE EXISTING SIGNAL HEADS 10.11.13. AND 14
INSTALL 4 SECTION SIGNAL HEADS AT THESE LOCATIONS
REMOVE EXISTING SIGNAL HEADS 12 AND 15
INSTALL 3 SECTION SIGNAL HEADS AT THESE LOCATIONS
RELOCATE EXISTING SIGN # 21
INSTALL SIGN # 29

MEDIAN DETAIL
STANDARD No. MD–655.21 WITH NOSE DOWN CURB

GENERAL NOTES

1. REVISION "J" IS A REVISION TO THE – TRAFFIC SIGNAL BOTH IN AUGUST, 1974 UNDER CONTRACT No. HO–477X–785.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
3. THE CONTRACTOR WILL IDENTIFY THE LOCATION OF THE PROPOSED WHEELCHAIR RAMPS AND LAYOUT THE PROPOSED PEDESTRAIN CROSSWALKS PRIOR TO INSTALLATION.

UTILITY LEGEND

T	T	TELEPHONE CABLES
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
BC		BURIED CABLE
SD		STORM DRAIN

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

REVISIONS

J	8–1–94	ADDED PEDESTRIAN PHASE, PUSH BUTTON, CROSSWALKS AND CURB RAMPS.
H	6–6–92	Mod. due to change in geometrics S.H.A. No. BW–433–802–712
M.A.M	7–1–91	
G		Mod. for widening of Centennial Ln. S.H.A. No. BW–433–802–712
		ORIGINAL ON FILE
K	4–10–01	ADD SPLIT SIDE ROAD PHASING & NEW SIGNAL HEADS

APPROVALS

CHIEF, SIGNAL DESIGN SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC
ORIGINAL ON FILE

JXBL CONSULTING ENGINEERS COLUMBIA, MARYLAND

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

ORIGINAL DRAWN BY: B. PASQUA
DES. BY: H. REINHART
CHK. BY: W. FITCH

US 40 @ CENTENNIAL LANE /BETHANY LANE

LOG MILE: ~~13004010.13~~ 13008016.17 COUNTY: HOWARD

DATE: SEPTEMBER 22, 1972 F.A.P. NO.
SCALE: 1"=20' S.H.A. NO. HO–477X–785
TS/FILE NO. 717 K
SHEET NO. ___ OF ___