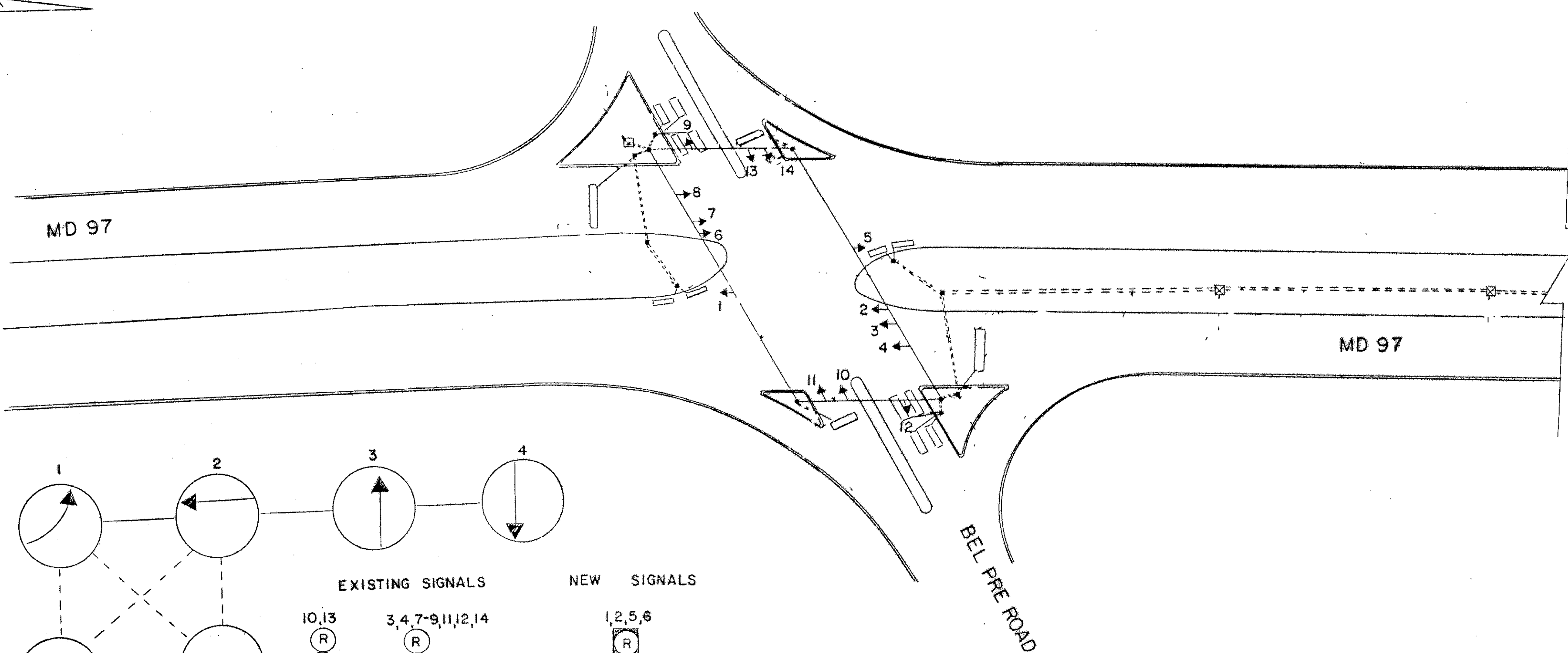
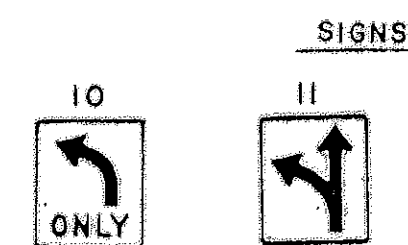
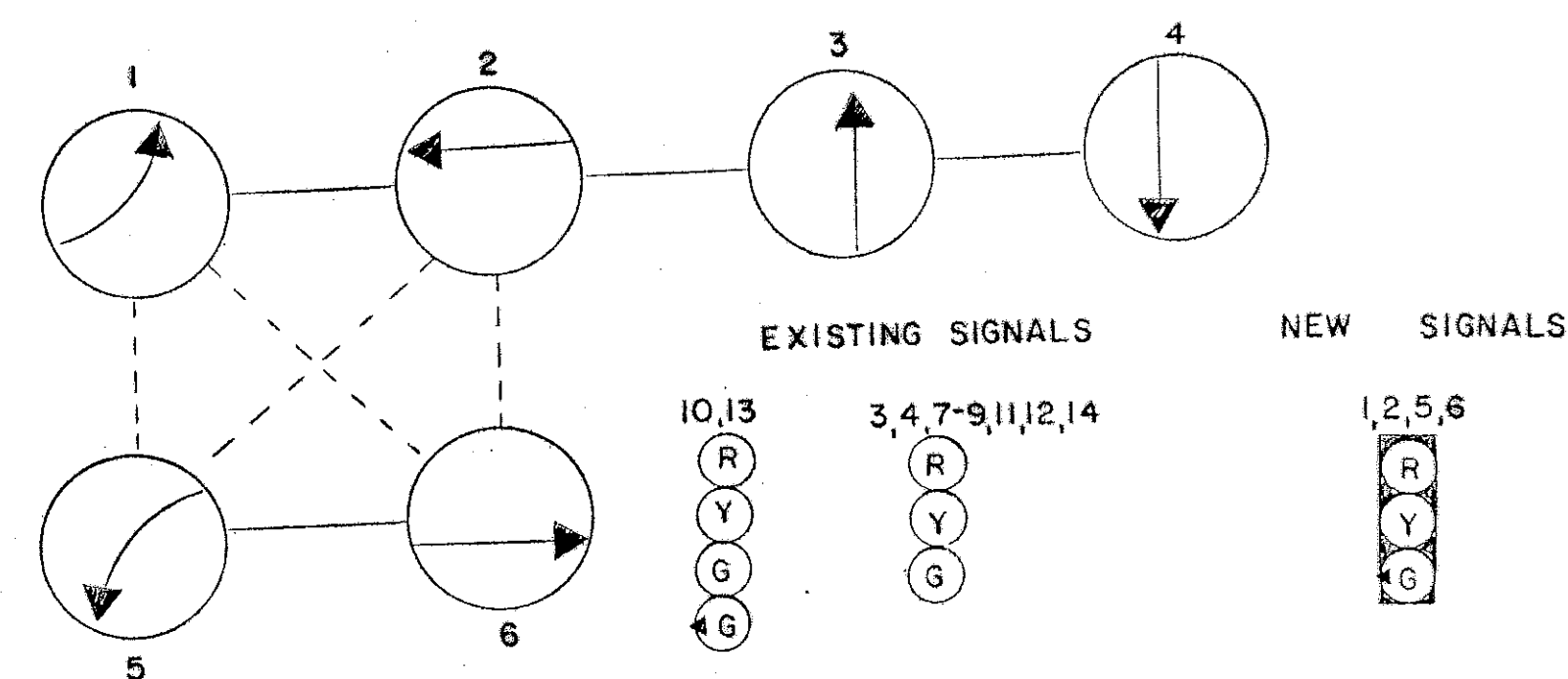
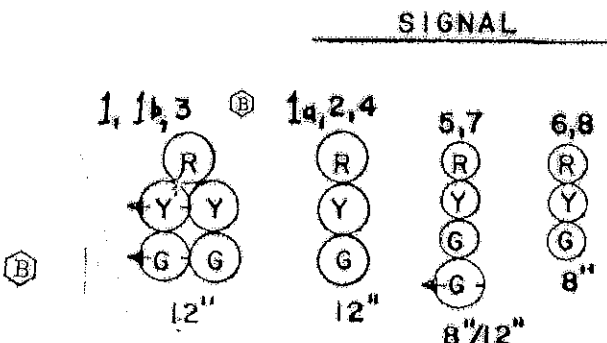




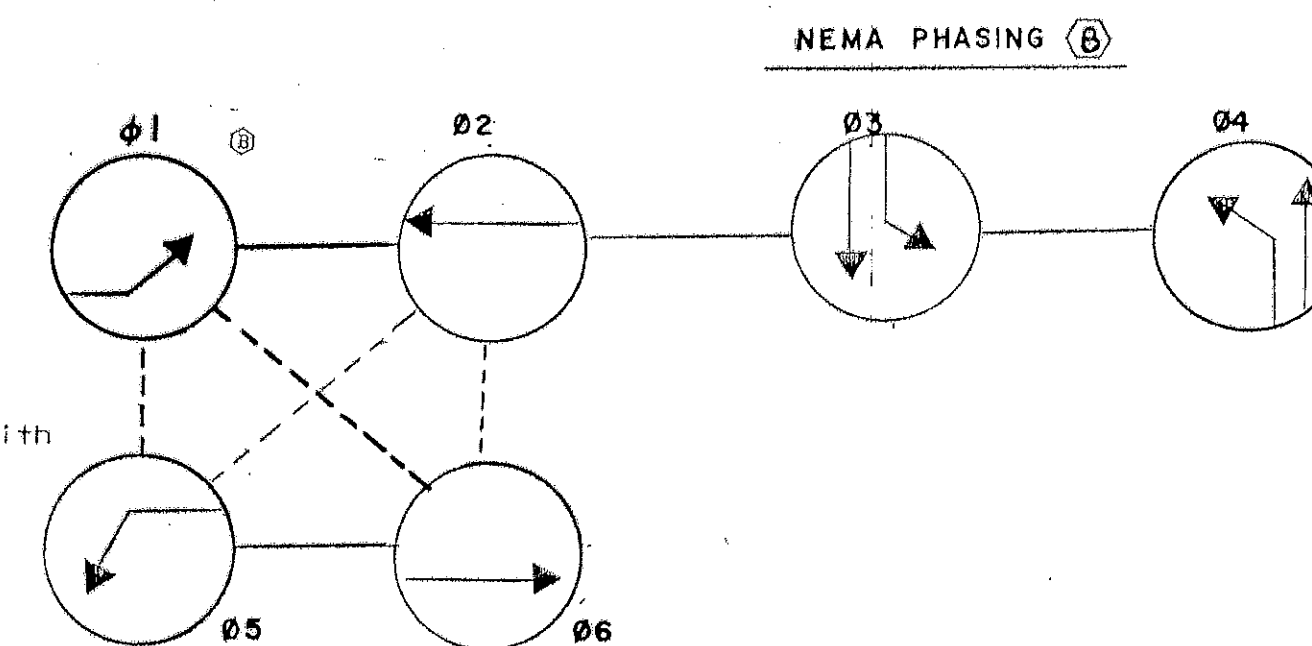
PHASES SHOWN WITH A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES SHOWN WITH A SOLID LINE WILL NOT OPERATE CONCURRENTLY



R 10-12
30" X 36"



Existing signal heads to be replaced with blackface polycarbonate signal heads.



PHASES SHOWN WITH A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES SHOWN WITH A SOLID LINE WILL NOT OPERATE CONCURRENTLY

Equipment List "A"

9016	1	EA	12" 1 Way, 3 Section Signal Head (Polycarbonate) - Blackface, Pedestal Pole Mount
9045	4	EA	12" 1 Way, 3 Section Signal Head (Polycarbonate) - Blackface, Span Mount
9048	2	EA	12" 1 Way, 4 Section Signal Head (Polycarbonate) - Blackface, Span Mount
9051	2	EA	12" 1 Way, 5 Section Signal Head (Polycarbonate) - Blackface, Span Mount
9058	2	EA	8" 1 Way, 3 Section Signal Head (Polycarbonate) - Blackface, Span Mount
9089	8	SF	R 10-12 Sign - 30" X 36"

Equipment List "B"

1001	1	EA	Maintenance of Traffic
8000	120	LF	2 Conductor Electrical Cable - Aluminum Shielded
8000	1	EA	Remove and Dispose of Existing Equipment Per Assignment
8001	1	EA	Adjust and Rering Existing Span Wire
8012	1	EA	Breakaway Pedestal Pole
8014	11	EA	Install Signal Head
8019	15	LF	2 Inch Sch. 80 PVC Electrical Conduit - Trenched
8024	1	CY	Concrete for Signal Foundation
8026	25	LF	1 Inch Electrical Conduit - Galvanized Sleeve
8044	350	LF	Electrical Cable - 7 Conductor No. 14 AWG
8045	500	LF	Loop Wire Encased in Flexible Tubing - No. 14 AWG
8046	120	LF	Saw Cut
8048	240	LF	1/4 Inch Tether Wire
8060	8	SF	Install Overhead Sign

CONSTRUCTION DETAILS

- Install 6' X 30' Quadrapole loop detector as shown.
- Install 5-Section blackface polycarbonate signal head and sign as shown.
- Use existing conduit and detector amplifier.
- Replace all existing signal heads with blackface polycarbonate signal heads.
- Install 1/4 inch tether wire.
- Install 1 inch galvanized sleeve.
- Install 14' Pedestal Pole with transformer base and 12' 5-section signal head as shown.
- Install 2 inch Sch. 80 PVC conduit - trenched.

APPROVAL: CHIEF SIGNAL DESIGN SECTION	
APPROVAL: DISTRICT TRAFFIC ENGINEER	
APPROVAL: CHIEF-BUREAU OF TRAFFIC ENGINEERING	B 500 Install EP LT MD 97 NB @ Rossmoor
APPROVAL: DEPUTY CHIEF ENGINEER TRAFFIC	A 3-21-86 INSTALLED E.P. LEFT TURN MD 97 S/B @ ROSSMOOR BLVD SHA. NO. 855-25006 DLA 1/1/87
REVISIONS	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
TRAFFIC DIVISION - BUREAU OF TRAFFIC ENGINEERING
A = MD 97 & BEL PRE ROAD
B = MD 97 & ROSSMOOR BLVD.

SCALE: 1"=50'	DATE: 1/1/87	CONTRACT NO.: 2355372509344
DRAWN BY: W. RICHARDSON	COUNTY: MONTGOMERY	
DESIGNED BY: W.R.	SIGNAL NO.:	DRAWING NO. TS-19286
CHECKED BY: [Signature]		