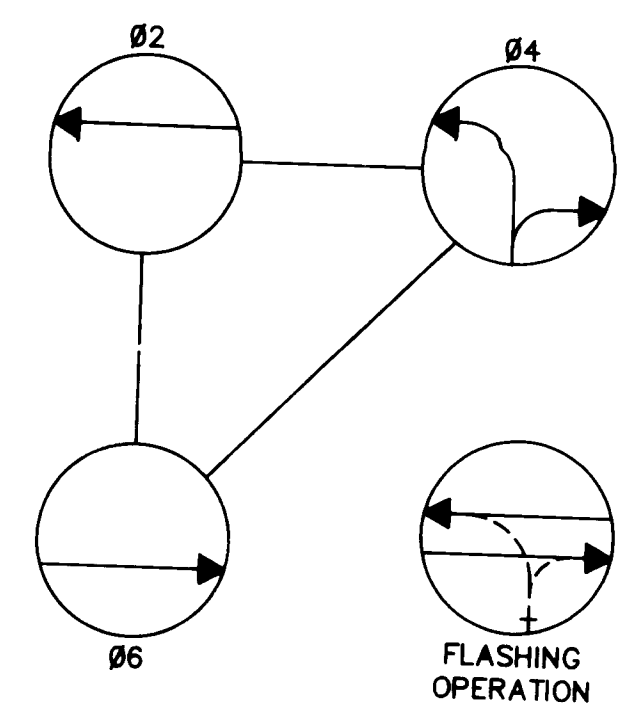


AIRBRINK LANE

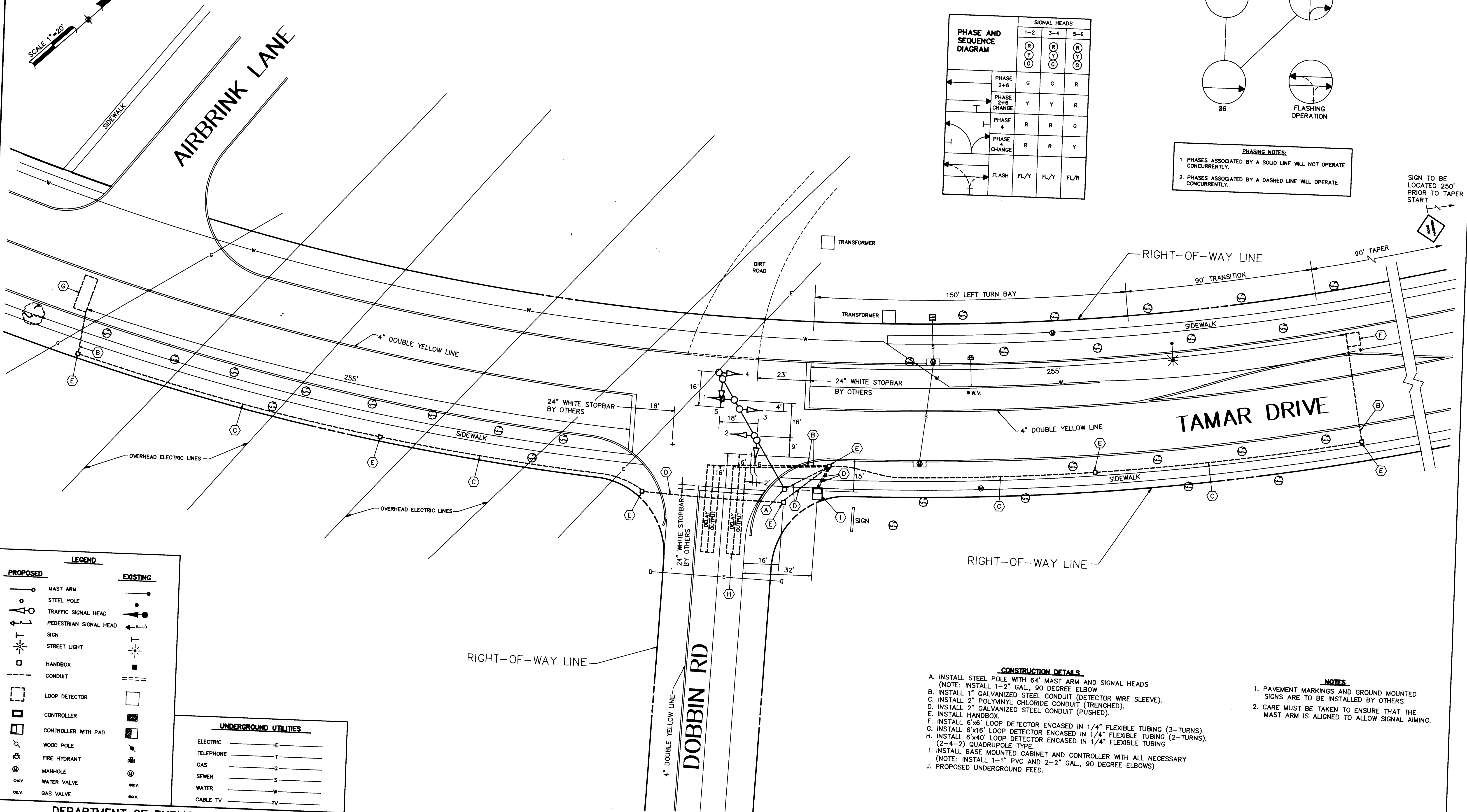
**NEMA PHASING**



PHASE AND SEQUENCE DIAGRAM	SIGNAL HEADS		
	1-2	3-4	5-6
	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)
PHASE 2+6	G	G	R
PHASE 2+6 CHANGE	Y	Y	R
PHASE 4	R	R	G
PHASE 4 CHANGE	R	R	Y
FLASH	FL/Y	FL/Y	FL/R

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

SIGN TO BE LOCATED 250' PRIOR TO TAPER START



LEGEND	
PROPOSED	EXISTING

UNDERGROUND UTILITIES	
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

- CONSTRUCTION DETAILS:**
- A. INSTALL STEEL POLE WITH 64' MAST ARM AND SIGNAL HEADS (NOTE: INSTALL 1-2" GAL., 90 DEGREE ELBOW)
  - B. INSTALL 1" GALVANIZED STEEL CONDUIT (DETECTOR WIRE SLEEVE).
  - C. INSTALL 2" POLYVINYL CHLORIDE CONDUIT (TRENCHED).
  - D. INSTALL 2" GALVANIZED STEEL CONDUIT (PUSHED).
  - E. INSTALL HANDBOX.
  - F. INSTALL 6"x6" LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-TURNS).
  - G. INSTALL 6"x16" LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (2-TURNS).
  - H. INSTALL 6"x40" LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (2-4-2) QUADRUPLE TYPE.
  - I. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY (NOTE: INSTALL 1-1" PVC AND 2-2" GAL., 90 DEGREE ELBOWS)
  - J. PROPOSED UNDERGROUND FEED.

- NOTES:**
- 1. PAVEMENT MARKINGS AND GROUND MOUNTED SIGNS ARE TO BE INSTALLED BY OTHERS
  - 2. CARE MUST BE TAKEN TO ENSURE THAT THE MAST ARM IS ALIGNED TO ALLOW SIGNAL AIMING.

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 7/15/91 DATE  
 C. E. ... CHIEF, TRAFFIC ENGINEERING DIVISION

**A/E GROUP, INC.**  
 CONSULTING ENGINEERS PLANNERS  
 11408 CROFTHILL DRIVE  
 OWINGS MILLS, MD. 21117  
 301-383-1908



DES: TMZ	
DRN: JNV (CADD)	
CHK: T.J.H.	
DATE: 7-9-91	
BY: ND.	
REVISION	

T-7060-GG

TRAFFIC SIGNAL PLAN  
 TAMAR DRIVE AT DOBBIN ROAD

SCALE AS SHOWN  
 SHEET 1 OF 1

TAMADoBB