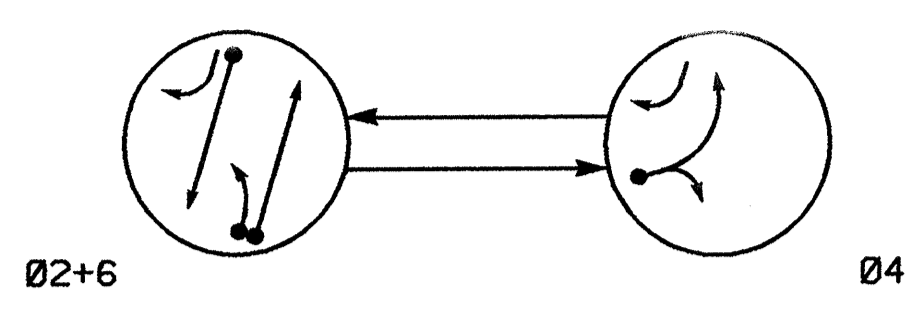


**PHASING DIAGRAM**



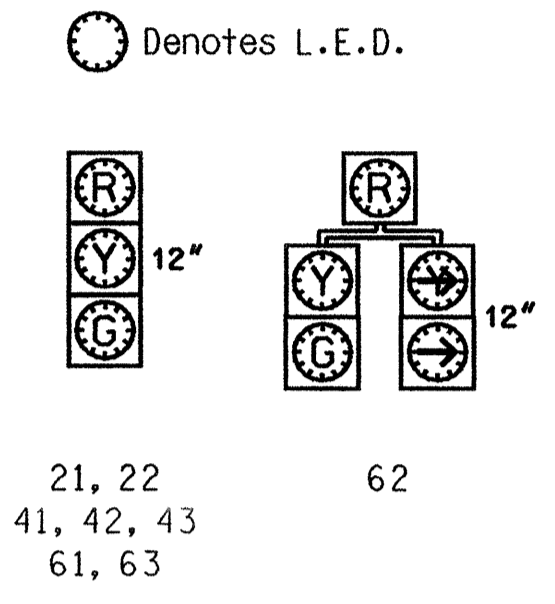
**PHASING DIAGRAM DETECTION LEGEND**

- DETECTED MOVEMENT
- - - UNDETECTED MOVEMENT (OVERLAP)
- · · UNSIGNALIZED MOVEMENT
- - -> PEDESTRIAN MOVEMENT

**TABLE OF OPERATION**

SIGNAL FACE	PHASE		
	G	R	Y
21, 22	G	R	Y
41, 42, 43	R	G	R
61, 63	G	R	Y
62	C	R	Y

**SIGNAL FACE I.D.**



**2070L LOOP & DETECTOR INSTALLATION**

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	DETECTOR PROGRAMMING								
				NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CAB
2A	6X40	0	2-4-2	Y	2	Y	Y	-	-	-	-	Y
2B	6X6	70	3	Y	2	Y	Y	-	-	-	-	Y
4A	6X40	0	2-4-2	Y	4	Y	Y	-	-	5	-	Y
6A	6X6	70	6	Y	6	Y	Y	-	-	-	-	Y

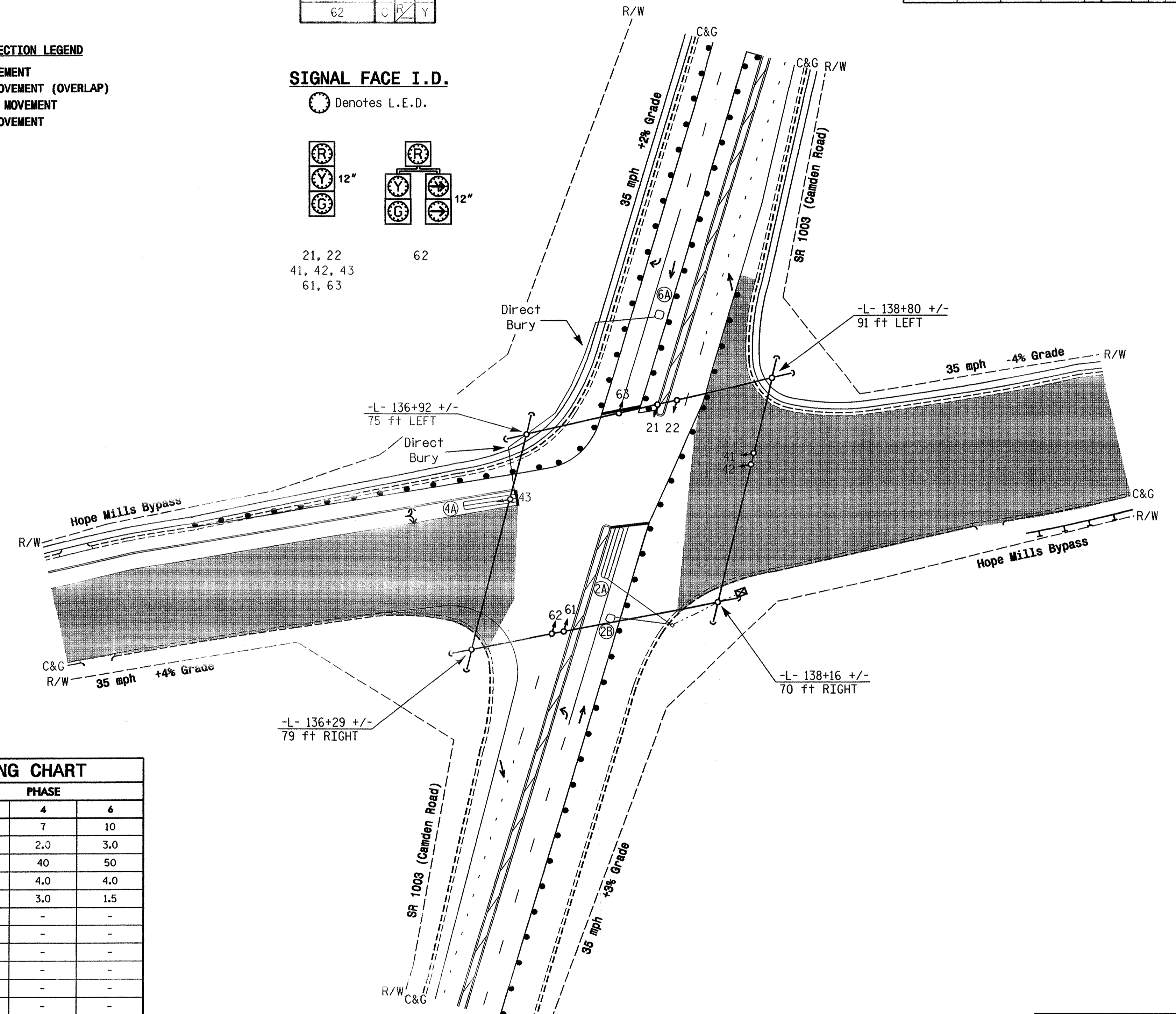
**2 Phase Fully Actuated (Isolated)**

**NOTES**

- Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.

**PLAN QUANTITIES**

Pay Item	Feet
Signal Cable	1385
Messenger Cable	760
Lead-in Cable	1050



**2070L TIMING CHART**

FEATURE	PHASE		
	2	4	6
Min Green 1 *	10	7	10
Extension 1 *	3.0	2.0	3.0
Max Green 1 *	50	40	50
Yellow Clearance	4.0	4.0	4.0
Red Clearance	1.5	3.0	1.5
Walk 1 *	-	-	-
Don't Walk 1	-	-	-
Seconds Per Actuation *	-	-	-
Max Variable Initial *	-	-	-
Time Before Reduction *	-	-	-
Time To Reduce *	-	-	-
Minimum Gap	-	-	-
Recall Mode	MIN RECALL	-	MIN RECALL
Vehicle Call Memory	YELLOW	-	YELLOW
Dual Entry	-	-	-
Simultaneous Gap	ON	ON	ON

\* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

**LEGEND**

- | PROPOSED | EXISTING |
|----------|----------|
|          |          |
|          | N/A      |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
|          |          |
| N/A      |          |
|          |          |
|          |          |
| N/A      |          |
|          |          |
|          |          |

**New Installation: Phase III Temporary Design**

		<b>Hope Mills Bypass at SR 1003 (Camden Road)</b>		SEAL Not a certified document as to the Original Document but Only as to the Revisions - This document originally Issued and sealed by Timothy J. Williams 24393 on 10/22/2003 This document is only certified as to the revisions.
		Division 6 Cumberland County Hope Mills PLAN DATE: September 2003 REVIEWED BY: L.A. Elliott PREPARED BY: P.J. Porter REVIEWED BY: STF/JPG	REVISIONS Revisd to a T-Intersection (trnd)	
SCALE 0 50 1"=50'		SIG. INVENTORY NO. 06-1255 T		