

3 Phase Fully Actuated (Isolated)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 5 may be lagged.
4. Set all detector units to presence mode.
5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.

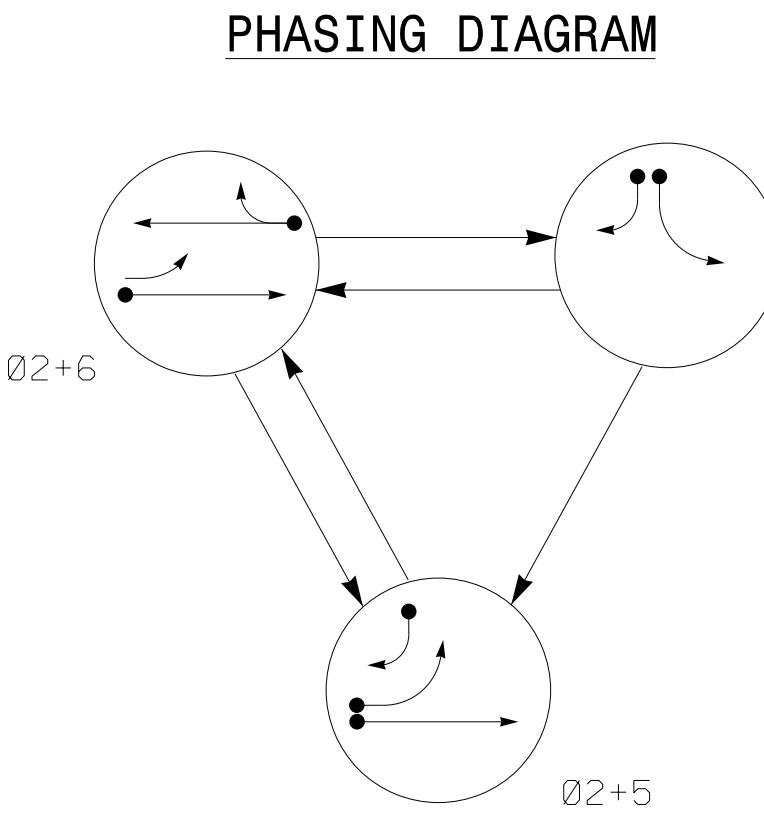
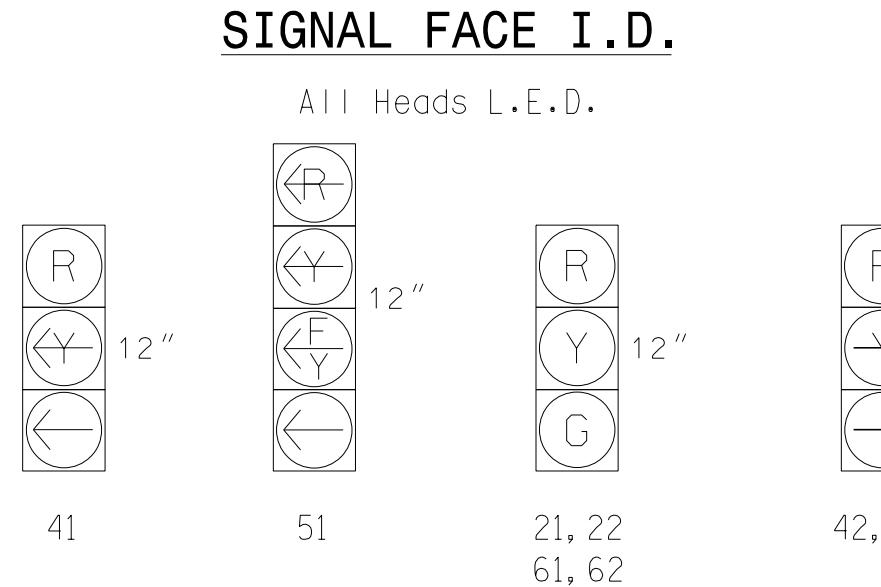
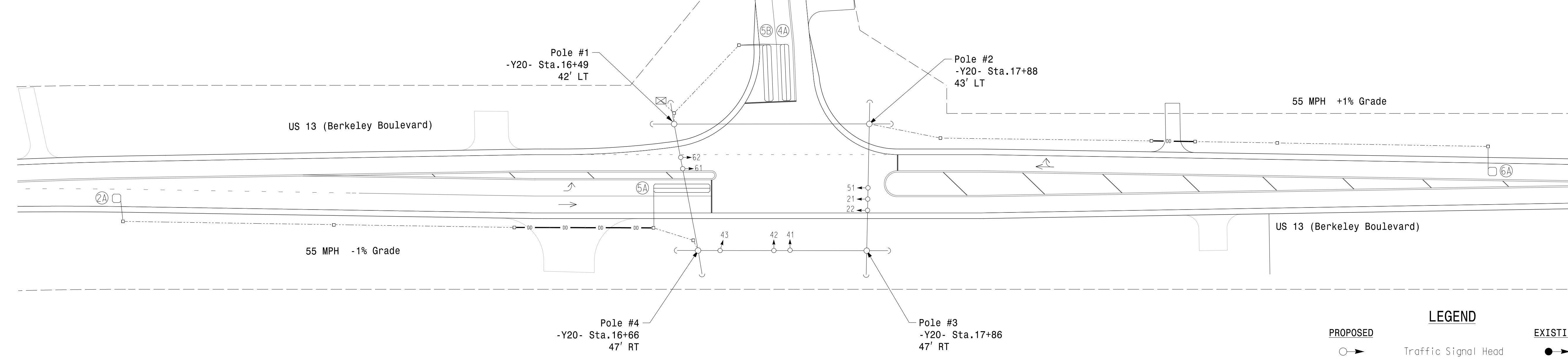
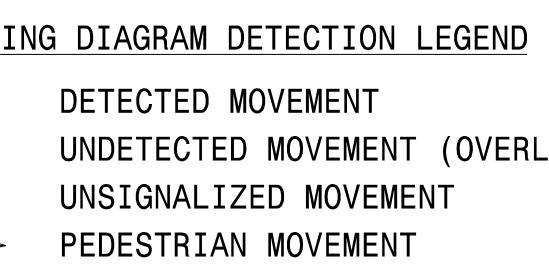


TABLE OF OPERATIONS	
SIGNAL	PHASE
FACE	0 2 2 + 6
21, 22	G G
41	R R
42, 43	→ R
51	← F Y
61, 62	R G



MAXTIME DETECTOR INSTALLATION CHART											
DETECTOR					PROGRAMMING						
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL CALL	CALL	DELAY DURING GREEN
2A	6X6	420	6	X	2	-	-	X	X	X	-
4A	6X40	0	2-4-2	X	4	-	-	X	-	X	-
5A	6X40	0	2-4-2	X	5	15	-	X	-	X	-
					2	3	-	X	-	X	X
5B	6X40	0	2-4-2	X	5	15	-	X	-	X	-
6A	6X6	420	6	X	6	-	-	X	X	X	-



FEATURE	PHASE			
	2	4	5	6
Walk *	–	–	–	–
Ped Clear	–	–	–	–
Min Green *	12	7	7	12
Passage *	6.0	2.0	2.0	6.0
Max 1 *	90	20	15	90
Yellow Change	5.3	3.0	3.0	5.3
Red Clear	1.3	2.6	2.4	1.3
Added Initial *	2.5	–	–	2.5
Maximum Initial *	46	–	–	46
Time Before Reduction *	15	–	–	15
Time To Reduce *	30	–	–	30
Minimum Gap	3.4	–	–	3.4
Advance Walk	–	–	–	–
Non Lock Detector	–	X	X	–
Vehicle Recall	MIN RECALL	–	–	MIN RE
Dual Entry	–	–	–	–

\$\$\$\$\$SYSDATE\$\$\$\$\$
1:26:35 AM

* These values may be field adjusted. Do not adjust Min Green and Extension times phases 2 and 6 lower than what is shown. Min Green for all other phases should never be less than 4 seconds.

