

**89th Ave @ 87th Ln- SIGNAL CODE 53 - BY PHASE TIMING  
PROPOSED - 02/10/2025**

**BY PHASE TIMING DATA**

PHASE	ø1	ø2	ø3	ø4	ø5	ø6	ø7	ø8
DIRECTION	WBLT	EBT	NBLT	SBT	EBLT	WBT	SBLT	NBT
MINIMUM GREEN	5	10	0	0	0	10	0	10
BK MIN GREEN								
CS MIN GREEN								
DELAY GREEN								
WALK		7		7				
WALK 2								
PED CLEAR		21		13		0		0
PED CLEAR 2								
VEHICLE EXT	2.1	3.6	0.0	0.0	0.0	3.6	0.0	2.1
VEHICLE EXT 2								
MAX 1	20	20				20		15
MAX 2								
MAX 3								
DYM MAX								
DYM STP								
YELLOW	3.0	3.6	0.0	0.0	0.0	3.6	0.0	3.2
RED CLEAR	2.2	2.3	0.0	0.0	0.0	2.3	0.0	2.4
RED MAX								
RED REVERT	6.0	6.0	0.0	0.0	0.0	6.0	0.0	6.0
ACT B4								
SEC/ACT		2.0				2.0		
MAX INT		18				18		
TIME B4		10				10		
CARS WT								
STPT DUC								
TIME TO REDUCE		7				7		
MIN GAP		2.0				2.0		

**Detector Extend/Delay**

D8-1 extend - 1.0 sec.  
D8-2 extend - 1.0 sec.  
D8-3 delay - 10.0 sec.

ø1 left turn phase will operate in FYA mode all hours daily.

**89th Ave. & 87th Ln. (Sys ID 53)**

**FYA Time-of-Day Operation as of - 02/10/25**

Day Plan	Event	Action Plan	Start Time	Left-Turn FYA Operation
				Phase 1 (Westbound)
Day Plan 1	1	2	0:00	Protected-Permissive