|  |  |  |  |
| --- | --- | --- | --- |
| State | North – South | East – West | Duration while enabled (clock cycle) |
| S0 | Left-turn & Red | Red | 5 |
| S1 | Green | Red | 10 |
| S2 | Yellow | Red | 3 |
| S3 | Red | Left-turn & Red | 5 |
| S4 | Red | Green | 10 |
| S5 | Red | Yellow | 3 |