***STATE TABLE***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STATE** | **ROAD 1** | **ROAD 2** | **ROAD 3** | **ROAD 4** | **PEDESTRIANS** |
| 0 | GREEN | RED | RED | RED | NO CROSSING |
| 1 | YELLOW | RED | RED | RED | NO CROSSING |
| 2 | RED | GREEN | RED | RED | NO CROSSING |
| 3 | RED | YELLOW | RED | RED | NO CROSSING |
| 4 | RED | RED | GREEN | RED | NO CROSSING |
| 5 | RED | RED | YELLOW | RED | NO CROSSING |
| 6 | RED | RED | RED | GREEN | NO CROSSING |
| 7 | RED | RED | RED | YELLOW | NO CROSSING |
| 8 | RED | RED | RED | RED | CROSSING |