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| **WisDOT RAILROAD PREEMPTION INSPECTION FORM 1a****(to be completed by the TRAFFIC SIGNAL OPERATING AGENCY)** |
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| 1. **REVIEW TEAM**
 |
| TRAFFIC SIGNAL INSPECTION COMPLETED BY: |  | INSPECTION DATE: |  |
| SIGNATURE: |  | DATE OF LAST INSPECTION: |  |
| 1. **LOCATION DATA**
 |
| HIGHWAY INTERSECTION: | MUNICIPALITY: | COUNTY: |
|  |  |  |
| TRAFFIC SIGNAL OPERATING AGENCY: | SIGNAL ID: | SIGNAL CONTACT: | SIGNAL CONTACT PHONE: |
|  |  |  |  |
| RAILROAD OPERATING COMPANY: | RR CROSSING ID: | RAILROAD CONTACT: | RR CONTACT PHONE: |
|  |  |  |  |
| TRAFFIC SIGNAL EMERGENCY CONTACT NUMBER: | RAILROAD EMERGENCY CONTACT NUMBER: |
|  |  |
| 1. **TRAFFIC SIGNAL DATA**
 |
| CABINET TYPE: | CONTROLLER MAKE & MODEL: | TYPE OF PREEMPTION: | OTHER TYPE OF PREEMPTION: |
| [ ]  TS1 [ ]  TS2 |  | [ ]  Advanced [ ] Simultaneous | [ ]  Emergency [ ]  Bus/Transit |
| AVAILABLE CIRCUITS: | USED CIRCUITS: |
| [ ]  APP [ ]  AP [ ]  GD [ ]  HC [ ]  SIM [ ]  SUP [ ]  XR  | [ ]  APP [ ]  AP [ ]  GD [ ]  HC [ ]  SIM [ ]  SUP [ ]  XR  |
| VEHICULAR PHASES PRESENT: | PEDESTRIAN PHASES PRESENT: | OTHER PHASES PRESENT: |
| [ ]  1 [ ]  2 [ ]  3 [ ]  4 [ ]  5 [ ]  6 [ ]  7 [ ]  8  | [ ]  2 [ ]  4 [ ]  6 [ ]  8 |  |
| DOES RR PREEMPT HAVE PRIORITY? | BLANKOUT SIGNS PRESENT? | BATTERY BACKUP PRESENT? |
| [ ]  Yes [ ]  No [ ]  N/A | [ ]  Yes [ ]  No | [ ]  Yes [ ]  No |
| 1. **DESIGN RAILROAD PREEMPTION PHASING SEQUENCE**
 |
| WORST CASE PHASES: | TRACK CLEAR PHASE(S): | PREEMPT DWELL PHASES: | PREEMPT CYCLE PHASES: |
| Veh: |  | Ped: |  |  |  |  |
| 1. **TRAFFIC SIGNAL TIMINGS**
 |
| **CONTROLLER SETTINGS** | **DESIGNED** | **PROGRAMMED** | **MEASURED** | **NOTES** |
| Preempt Delay: |  | sec. |  | sec. |  |  |
| Entrance Min Green: |  | sec. |  | sec. |  | sec. |  |
| (Entrance) Walk + Ped Clear: |  | sec. |  | sec. |  | sec. |  |
| (Entrance) Yellow + Red: |  | sec. |  | sec. |  | sec. |  |
| Max Right of Way Transfer Time: |  | sec. |  | sec. |  |  |
| Track Clear Min Green: |  | sec. |  | sec. |  | sec. |  |
| Track Clear Ext Green: |  |  | sec. |  | sec. |  |
| Track Clear Max Green: |  |  | sec. |  |  |
| Min Dwell: |  |  | sec. |  | sec. |  |
| Dwell Preemption Ext: |  |  | sec. |  | sec. |  |
| 1. **FIELD TESTING AND INSPECTION**
 |
|  | **NOTES** |
| Are the blankout signs working properly? | [ ]  Yes [ ]  No [ ]  N/A |  |
| Does a preempt call trigger a right-of-way transfer? | [ ]  Yes [ ]  No  |  |
| Does a protected arrow come up for track clearance? | [ ]  Yes [ ]  No  |  |
| Does gate down release the track clearance phase? | [ ]  Yes [ ]  No [ ]  N/A |  |
| Do the proper cycle & dwell phases operate? | [ ]  Yes [ ]  No [ ]  N/A |  |
| Is the preempt call released as expected? | [ ]  Yes [ ]  No  |  |
| Does the signal exit to the proper phase(s) after preempt? | [ ]  Yes [ ]  No  |  |
| Does preempt reservice activate? | [ ]  Yes [ ]  No  |  |
| Is emergency contact information posted in the cabinet? | [ ]  Yes [ ]  No  |  |
| 1. **OTHER INFORMATION/NOTES**
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