

WIM SITE TROUBLESHOOTING OUTLINE

Clear

Date:

Technician Name:

Phone:

SITE INFORMATION

Site ID:

Route:

Milepost:

Latitude:

Longitude:

EQUIPMENT INFORMATION

WIM Controller Type:

Sensor Configuration -

Firmware version:

WIM Sensor Type :

STEP 1 - PROBLEM DESCRIPTION

Provide a detailed description of the problem:

STEP 2 - CONDUCT REMOTE EVALUATION PRIOR TO SITE VISIT

2A - ESTABLISH REMOTE CONNECTION WITH THE WIM SYSTEM

Connect to the WIM system using the host computer. If a remote connection cannot be established, add a note to the problem description above and go to Step 3.

2B - CONDUCT VISUAL ASSESSMENT OF LIVE VEHICLE RECORDS

After connecting to the system, open the real time view and observe real time traffic. Make a note of any aspects of the vehicle records that appear to be irregular, including weights, axle spacings, speeds, or classification. Note if there appears to be a high number of Class 6 vehicles followed immediately by Class 1 vehicles, or a high number of Class 15 or 14 vehicles. Note any irregularities below.

2C - DOWNLOAD SYSTEM DATA

Download system traffic data for the time period in question. Site problems that can only be determined by reviewing data files will most likely require a site visit.

2D - RECORD SYSTEM SETUP PARAMETERS

Record all sensor values given in the system's setup for the lane(s) being investigated, as applicable.

Loops	lane	channel	width	spacing	sensitivity	threshold
Leading						
Trailing						

Quartz-piezo	lane	channel	width	spacing	sensitivity	threshold
Leading						
Trailing						

Polymer-piezo	lane	channel	width	spacing	sensitivity	threshold
Leading						
2nd						
3rd						
Trailing						

2E - REVIEW SYSTEM PARAMETERS

Review all equipment operational parameters such as lane configurations, date/time, calibration compensation factors, channel assignments and sensor threshold settings. Note below any discrepancies between current settings and historical records (DO NOT CHANGE ANY SETTINGS AT THIS TIME):

2F - PERFORM REMOTE REPAIR

If a discrepancy is discovered during the review of the site data or equipment operational parameters, make the appropriate changes and note the changes made in the space below.

2G - DETERMINE IF ON-SITE VISIT IS REQUIRED

Based on the information collected and evaluation in Steps 1 through 2D, an on-site visit to conduct further investigation and to correct the deficiency.

required

3C - INVESTIGATE POSSIBLE CAUSES

Investigate the possible cause of the suspect reading(s) discovered in step 3B. Describe any additional investigative measures taken.

3D - DRAW CONCLUSION ON PROBABLE FAULTY COMPONENT

Based on the test readings made, draw a conclusion as to the most probable faulty component and indicate below.

Suspected faulty component:

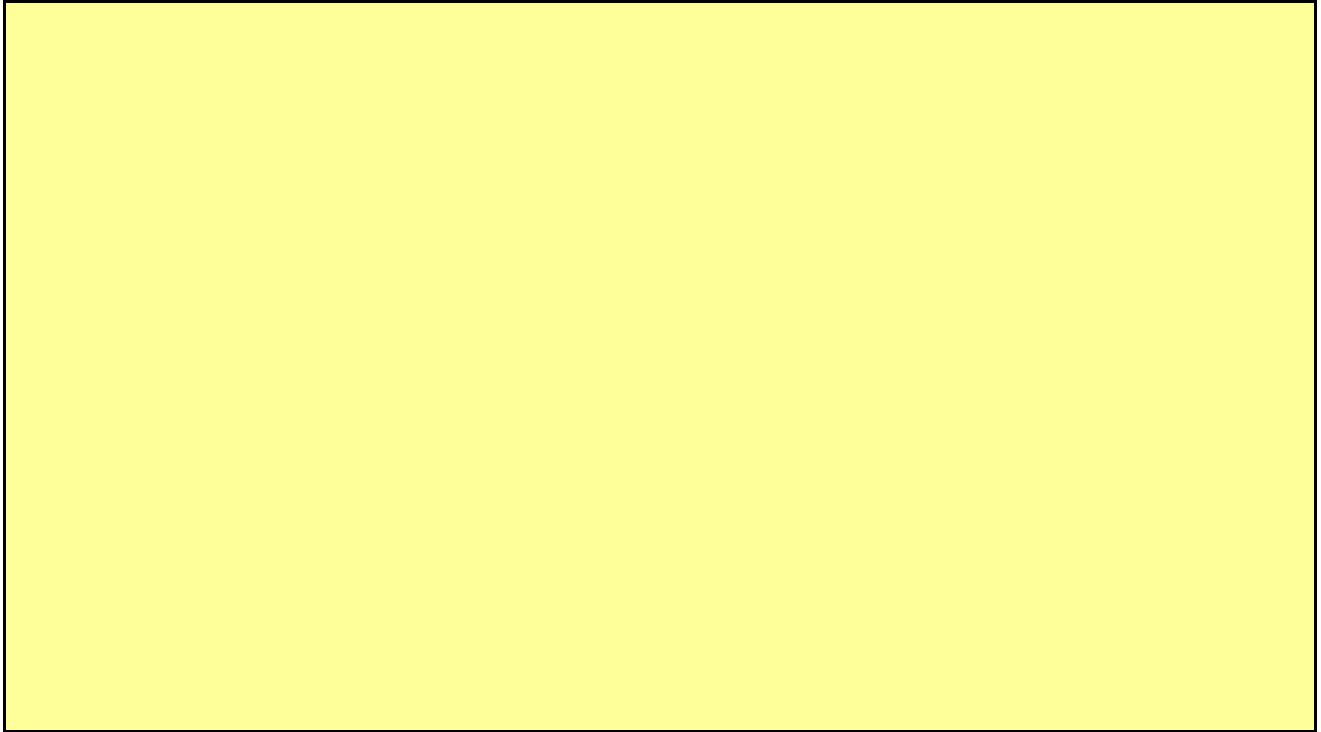
3E - DETERMINE THE CORRECTIVE ACTION

Considering all factors associated with the repair of the faulty component, determine the proper corrective action.

Describe the corrective action(s) to be taken.

STEP 4 - PERFORM SYSTEM REPAIRS

Describe the actions taken to repair the system, or make recommendations for the repairs that need to be taken to correct the system deficiency.

A large, empty yellow rectangular box with a thin black border, occupying the majority of the page below the text. It is intended for the user to describe the actions taken to repair the system or make recommendations for repairs.