

Road Safety Report Writing

Title Page

Report Title: Analysis of Increased Traffic Accidents at Main Street Intersection

Date: February 25, 2025

Location: Main Street Intersection, Downtown District

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Executive Summary

This report details the findings of a safety analysis conducted at the Main Street intersection, which has experienced a 50% increase in traffic accidents over the past year. The report identifies key factors contributing to these incidents and offers actionable recommendations to enhance road safety.

Introduction

The purpose of this report is to investigate the causes behind the rising number of traffic accidents at the Main Street intersection and to propose effective solutions to improve road safety for both drivers and pedestrians.

Incident Details

- **Date and Time Range:** January 2024 - December 2024
- **Location:** Main Street and 5th Avenue Intersection
- **Incident Types:** Vehicle collisions, pedestrian accidents

Incident Description

Throughout 2024, the Main Street intersection witnessed a significant increase in traffic accidents, including rear-end collisions and pedestrian-related incidents. Notably, most accidents occurred during the rush hours of 8-9 AM and 5-6 PM.

Cause Analysis

The primary factors contributing to the increased accident rate include:

- Inadequate traffic signal timing, leading to congestion and risky maneuvers.
- Poor visibility of traffic signals due to untrimmed tree branches.
- Lack of pedestrian crossing signals.

Impact Assessment

The rise in accidents has led to several severe injuries, substantial vehicle damage, and increased traffic congestion in the area, affecting daily commuters and local businesses.

Recommendations

1. Adjust the traffic signal timing to accommodate peak hour traffic volumes.
2. Conduct regular maintenance to ensure unobstructed views of traffic signals.
3. Install pedestrian crossing signals and enhance street lighting at the intersection.

Appendices

Appendix A: Traffic accident statistics for the past three years

Appendix B: Photos of the intersection and sightline obstructions

Appendix C: Community feedback on intersection safety

Approval

Signature:

Name: Michael Roberts, Director of Public Safety

Date: March 1, 2025