Abstract

The inefficiency of Kathmandu’s current public transportation system is leading to major traffic congestion and public safety issues. Implementing a central system of public transportation will help reduce traffic and improve the safety conditions of the public.

Background

• An increase in population and a decrease in the use of public transportation has resulted in an increase of privately owned vehicles in Kathmandu (1).
• 130 serious traffic accidents and over 1,000 minor accidents occur every day in Kathmandu (1).
• Many refuse to use public transport vehicles due to inefficient travel time and a concern for personal safety (1).

Project Goals/Objectives

• Implement Bus Rapid Transit in Kathmandu
• Decrease road congestion
• Increase use of public transportation
• Improve safety conditions by reducing road accidents and improving personal safety on the buses

Methods/Process

- Eliminate overcrowding by redesigning buses
- Improve safety by hiring qualified drivers and enhancing bus stations
- Speed up service by establishing bus-only lanes
- Increase efficiency by creating reliable schedules with specified routes

Anticipated Results

- 50% Reduction of reported traffic accidents
- 30% Reduction of registration of private vehicles
- 200% Increase in use of public transportation
- 50% Reduction of commute time

References

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   http://openknowledge.worldbank.org/bitstream/handle/10986/17872/860850WP0FinalBox382164B000PUBLIC0.pdf?sequence=1
   http://www.streetsblog.org/2006/10/24/dot-announces-five-bus-rapid-transit-corridors/

Nepali people put their lives in danger everyday by sitting on the roofs of buses to avoid overcrowding.