

Crashes and Accidents in Work Zones: Extent and Characteristics

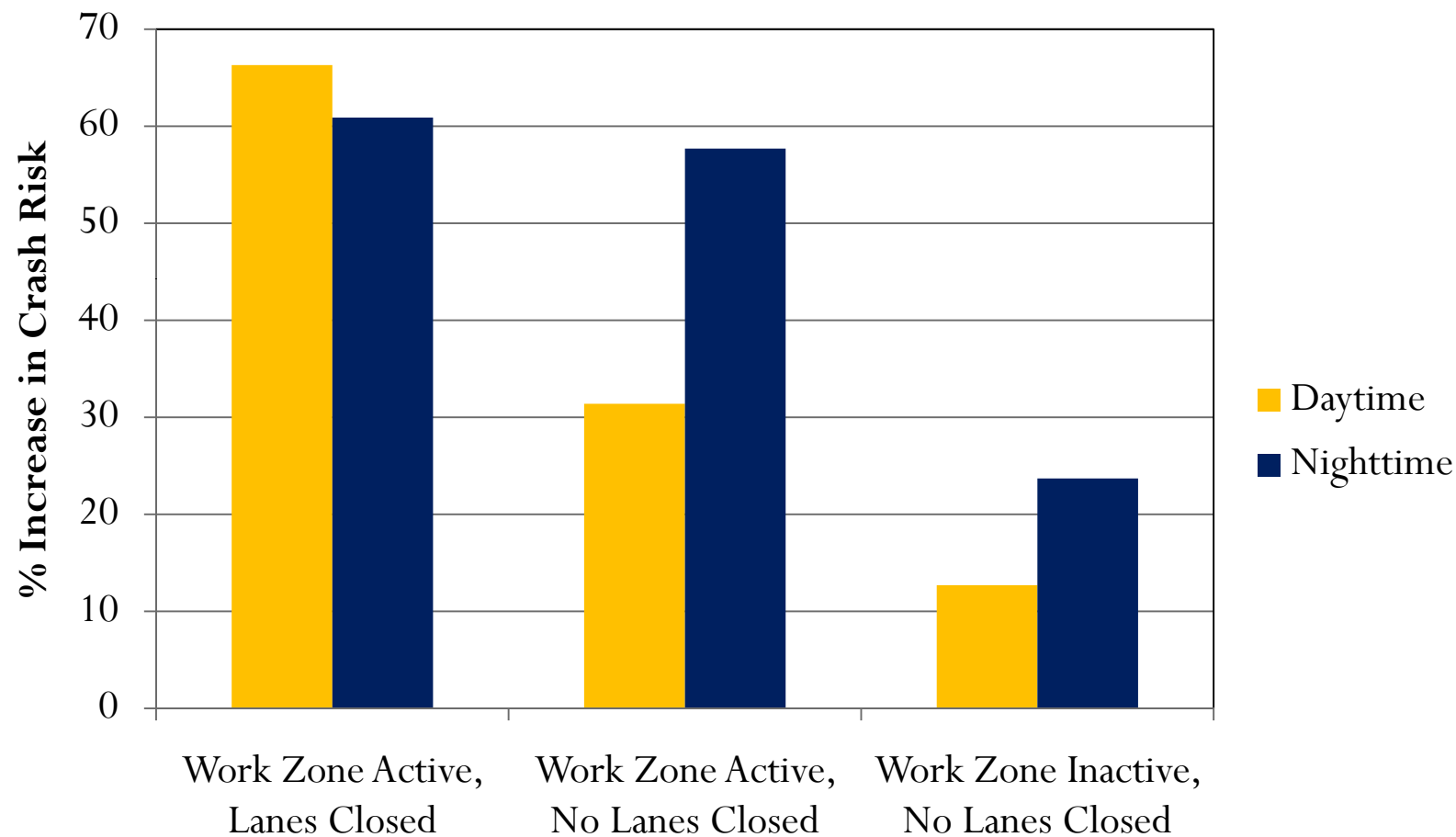


The Work Zone Numbers...

- ~ 1000+ motorist fatalities
- ~ 40,000+ motorist injuries
- 100-120 worker fatalities
- Worker fatality rates 6x higher

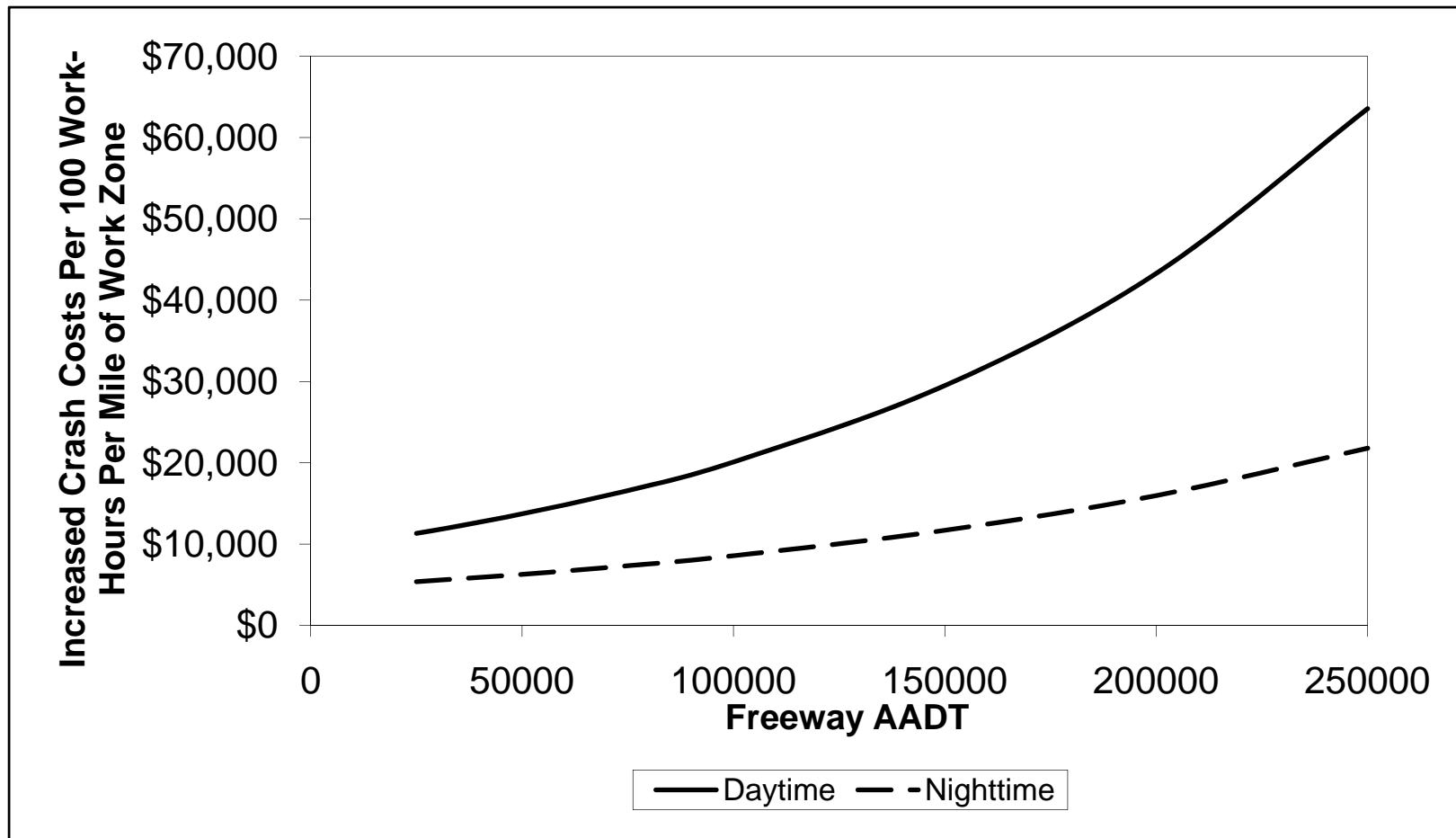
Work zones cost **\$6 billion** annually

How is Motorist Crash Risk Affected?

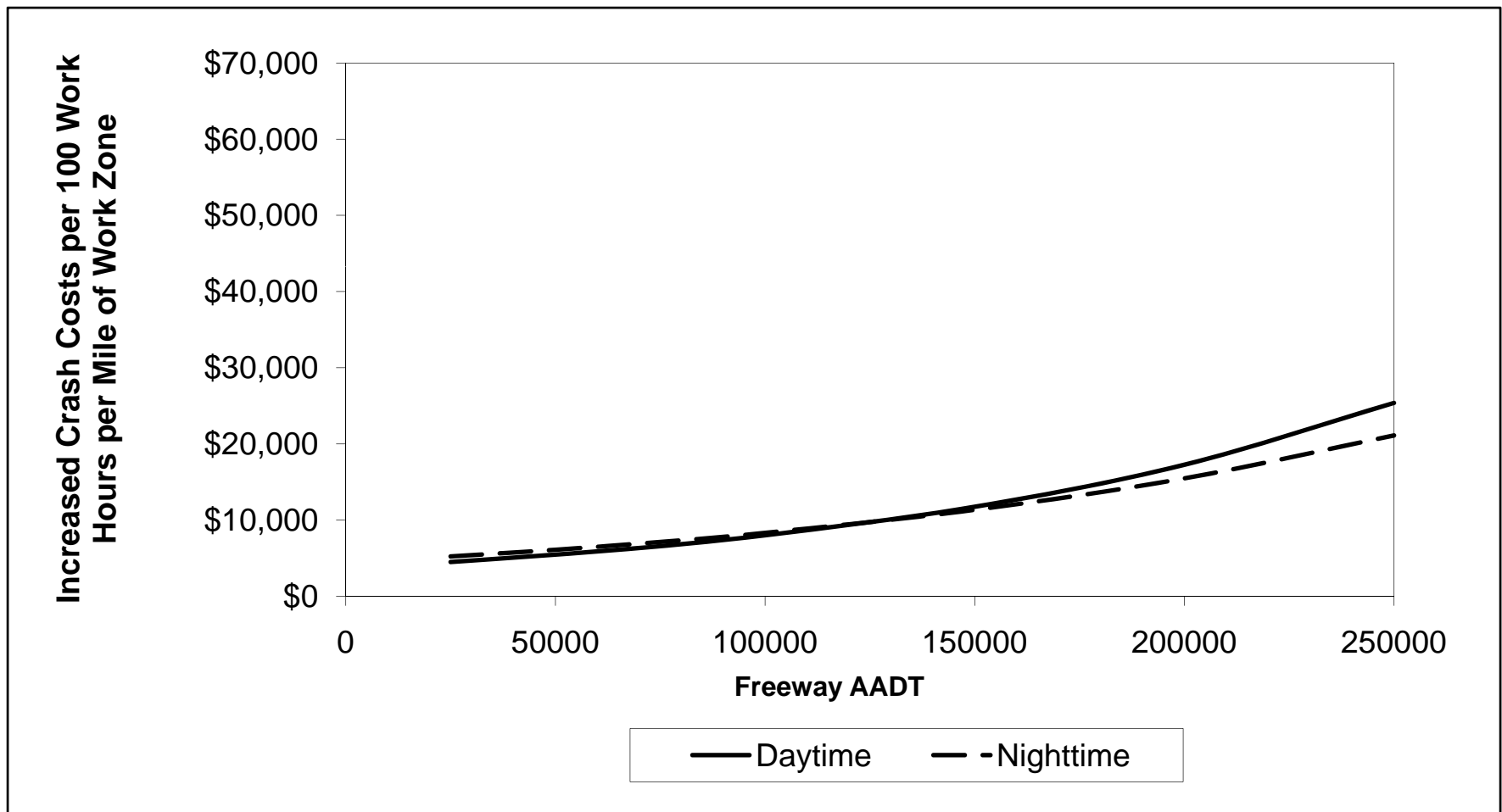


How are Crash Costs Affected?

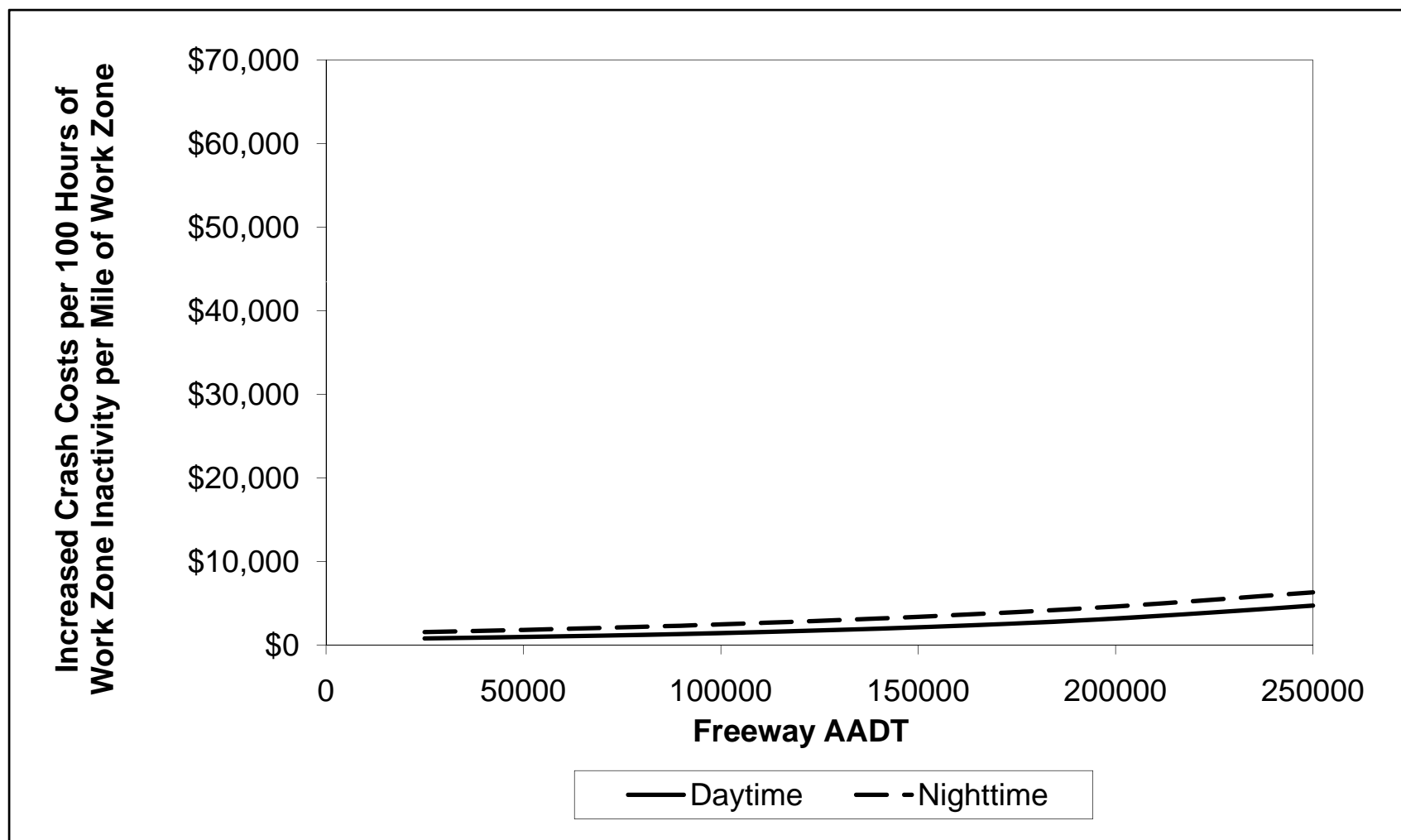
Work Zone Active, Lanes Closed



Work Zone Active, No Lanes Closed



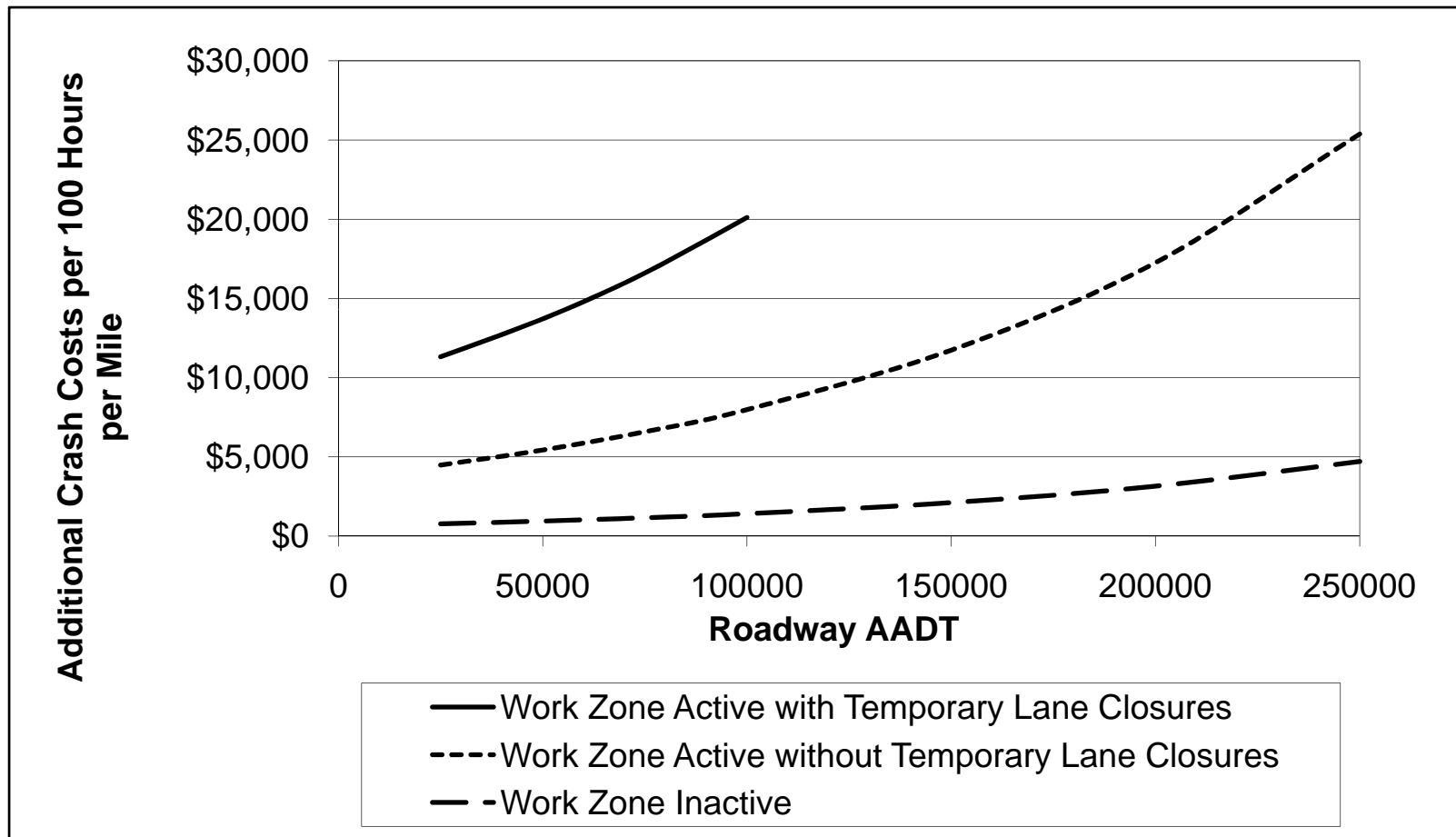
Work Zone Inactive, No Lanes Closed



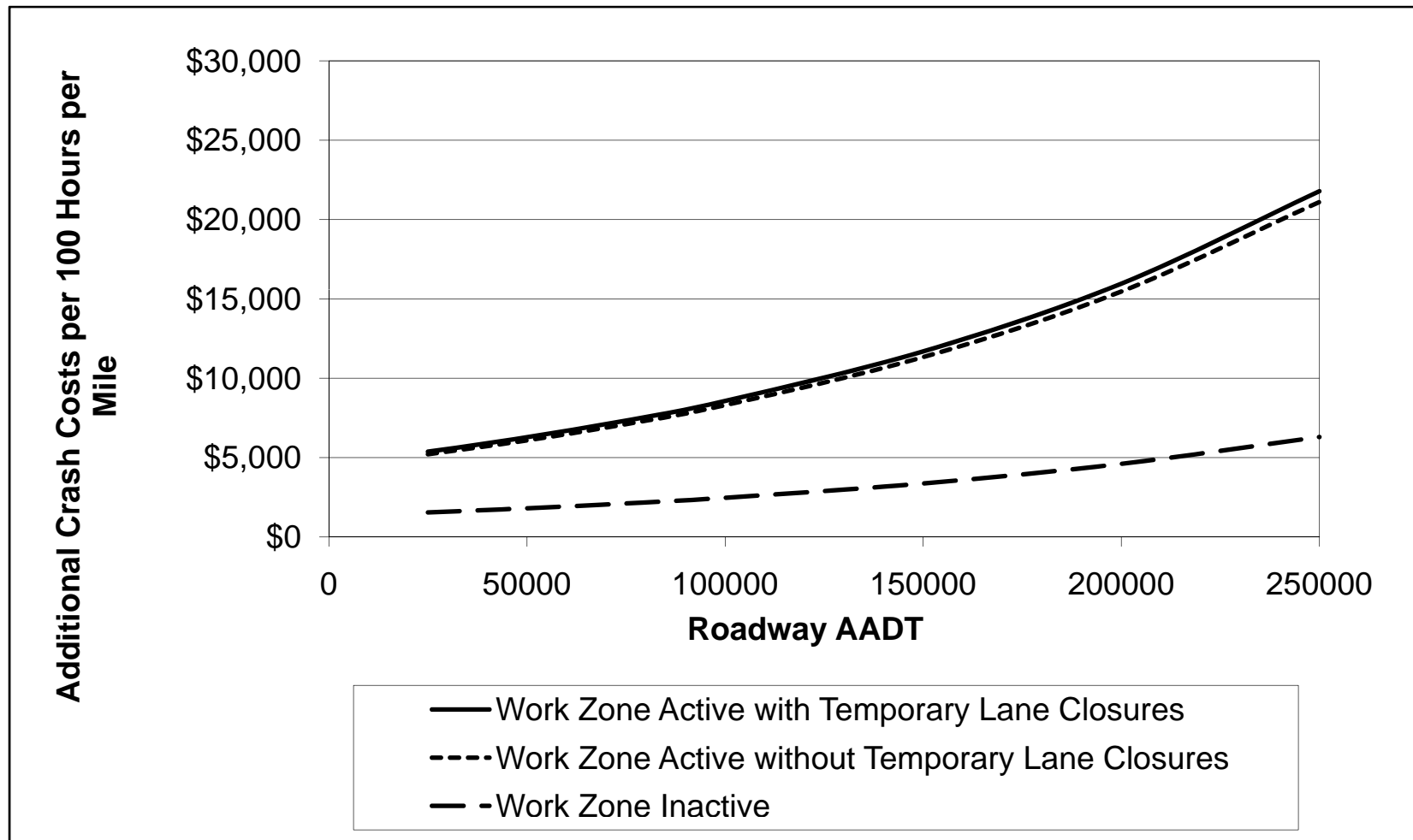
Cost Reduction Strategies

- Reduce frequency and duration of work zones
- Reduce traffic demand using work zones
- Implement crash mitigation strategies

Reduce Work Zone Frequency and Duration: Daytime



Reduce Work Zone Frequency and Duration: Nighttime



For More Information...

- NCHRP 627, Traffic Safety Evaluation of Nighttime and Daytime Work Zones

http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_627.pdf

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