

## Guideline for Work Zone Speed Reductions

1. All requests for Work Zone speed reductions shall be submitted to:  
City of Edmonton  
Transportation Operations Branch  
Traffic Control Section  
15th Floor Century Place  
9803 102A Avenue  
Edmonton, AB T5J 3A3  
Fax: (780) 496-1757
2. Unless otherwise indicated, all requests shall include:
  - a) A diagram of proposed work zone and proposed placement of work zone speed reduction signs.
  - b) A list of identified hazards that require a work zone speed reduction. In order to be effective, work zone speed reductions must be supported by visual evidence from a motorist's perspective. Examples may include but are not limited to:
    - Workers adjacent to moving traffic,
    - Change to roadway geometry that makes travel at existing speeds unsafe,
    - Deep excavations in close proximity to moving traffic,
    - Narrow lane widths,
    - Sight distance restrictions.
  - c) Other proposed actions to be taken by Prime Contractor to manage speed reduction within work zone (i.e. flagperson control, electronic speed display board, lane reduction, lane narrowing, etc).
3. The City of Edmonton, Transportation Operations Branch, must approve all work zone speed reduction locations prior to implementation.
4. Unless otherwise approved, Maximum Speed Ahead (RB-05) and Construction Zone Maximum (WD-AE10) signs shall be used to define work zone speed reduction areas. Construction Zone Ends (WD-AE7) shall be used to identify end of work zone speed reductions.
5. Speed limits shall be reduced in increments of no greater than 30 km/h. Too large of a speed reduction creates a hazardous difference in speed between vehicles, and increases the potential for collisions.



6. Unless otherwise indicated, The City of Edmonton, Transportation Operations Branch shall always do the initial setup of work zone speed reductions.
7. After installation, Prime Contractor shall be responsible for monitoring and maintaining work zone speed reduction signs.
8. Approved work zone speed reductions shall be installed as one of two types of speed zones. They are as follows:
  - a) **Temporary Speed Zone**  
For worker safety, temporary speed zones are established and are in effect only when workers are present and activity is adjacent to moving traffic.
  - b) **Construction Speed Zone**  
Temporary speed limit in a construction intended for a 24-hour continuous posting. Generally established for long term projects where it is imperative for motorists to reduce speed to safely navigate through hazards over the length of a project. The primary reason to establish the construction speed zone should be present 24 hours a day.

9. Unless otherwise indicated by the City of Edmonton, Transportation Operations Branch, all approved work zone speed reductions shall be Temporary Speed Zones. This includes Speed Fines Double in Construction Zones, Begins and Speed Fines Doubles and Ends signs will define the zone.



10. Prime Contractor shall be responsible for removal or covering of temporary speed zone signs and speed fine doubles signs when no workers are present. This includes the re-installing or uncovering of existing speed limit signs.
11. All actions taken by the contractor shall be recorded on a "Record of Temporary Traffic Control" form or other acceptable alternative as approved by the City of Edmonton, Transportation Operations Branch.
12. All records shall be forwarded monthly to the City of Edmonton, Transportation Operations Branch.
13. Non-compliance with the above guidelines will result in the Prime Contractor receiving written notification of event. Subsequent events of non-compliance will result in removal of "Work Zone Speed Reduction" signs.

**Note**

Work Zone Speed Reductions must be removed or covered when not justified. If a reduced speed zone has been left posted while the site is inactive, such as weekends, evenings, etc., then the signs lose effectiveness with repeat traffic. This loss in effectiveness can be carried from one project to another.