



WELLINGTON FEDERATION OF AGRICULTURE

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Wellington County Council,
The Corporation of the County of Wellington
74 Woolwich Street
Guelph ON N1H 3T9

Dear Council Members:

The Wellington Federation of Agriculture (WFA) is the largest farm organization within the County of Wellington, representing over 1400 farm businesses. WFA recently assisted in collecting information for use in the design of Arthur's new roundabout at Frederick and Eliza Street. That information and our subsequent discussions with Triton Engineering Services Ltd of Fergus have led us to create several recommendations for roundabout design in rural or rural/urban areas where farm equipment must travel:

- Despite their long vehicle lengths, the longest farm vehicle combinations (example: a tractor, air drill, seed tender and land roller) have optimized turning profiles and do not require more turning allowance than a highway tractor and 53' trailer.
- A single wide lane is strongly preferred to two standard width lanes. This is due to the mistaken belief that smaller vehicles may pass larger vehicles in a two lane roundabout; this often creates unsafe conditions.
- Expected farm vehicle widths should be at least 5.5m, 6.0m if possible.
- The center of the roundabout may accommodate the 5.5m minimum width directly or through the use of a truck apron or "soft curbs".

These are not exhaustive recommendations and must be implemented with care by a qualified designer or engineer. While a roundabout is a careful balance of driving convenience and safety, we strongly feel that adding the additional through width necessary to accommodate farm equipment can be done without undue impact to public driving safety.

Further, WFA would like to request that it be added to the circulation list, for all proposed Roundabouts within Wellington County that farm equipment would normally travel.

Kind Regards,



Gregory Dineen, P.Eng (Alberta)
Director, Wellington Federation of Agriculture

Cc: all lower tier municipalities in Wellington
Ontario Federation of Agriculture