

**New York State DOT Recommendation for Tonawanda Creek & E. Canal Rd.  
Town of Pendleton**

Problem : with vehicles failing to stop at the all-way stop intersection, I offer the following recommendations:

1. Re-install stop bars across each approach lane. Stop bars should be 24" wide and extend across the entire approach lane width.
2. Dual post (left and right side of the road) the stop signs on each approach (or at least on the approaches of the perceived problem). Increase their size to 48". I would also recommend adding red reflective sign post strips to each stop sign support.
3. Dual post (left and right side of the road) the stop ahead signs on each approach (or at least on the approaches of the perceived problem). Increase their size to 48". I would also recommend adding yellow reflective sign post strips to each stop ahead support. I would also add 2 orange reflective diamond shaped plaques on the top of each stop ahead sign to add additional awareness of the stop control.
4. if the above items don't correct driver behavior, you could also add "stop ahead" pavement markings on each approach lane to the stop control.
5. if the above items don't correct driver behavior, you could consider adding yellow flashers to the stop ahead signs.
6. if the above items don't correct driver behavior, you could consider adding red flashers to the stop signs, or install overhead red flashers (on signal poles) for each approach.

You mentioned on the phone that you researched the accident history at this intersection and you found 4 accidents. You should review the contributing factors in each accident to see if there's a pattern and what possible actions, if any, could be taken.

I would not consider items 4,5, or 6 above until you have tried items 1 thru 3, **and these did not** correct driver behavior at this intersection. You would need to implement these measures and then monitor the intersection for some time to see the effectiveness of these countermeasures.

If you have any other questions, please do not hesitate to contact me.

Sincerely,

**David A. Sobol, P.E.**  
Regional Operations Group

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