

Community Safety Zone Reviews

Wellington County Roads Committee

January 11, 2022



DILLON
CONSULTING

Agenda



Overview



Approach

- Corridors Assessed
- Community Safety Zone Scoring
- Community Safety Zone Recommendations



Discussion



Overview

Speed Management Options

1. Regulatory Modifications:

- Speed Limit Adjustments
- School Zones
- **Community Safety Zones (CSZs)**
- Automated Speed Enforcement (ASE)

2. Geometric Modifications:

- Cross-Section Adjustments
- Traffic Calming
- Pedestrian Crossovers (PXOs)

3. Education Campaigns & Enforcement

4. Do Nothing



Overview – Community Safety Zone Scoring

- Methodology and scoring noted in the approved Speed Management Guidelines (September 2021)
- Eight risk factors in the scoring:

Risk Factor	High (Score 3)	Medium (Score 2)	Low (Score 1)
Posted Speed (km/h)	40	50	60
Average Daily Traffic Volume	>10,000	5,000 – 10,000	<5,000
Number of Lanes (Both Directions)	>4	3 or 4	2
Presence of Community Facilities	School / Park (with playground)	Retirement Areas / Community Centre / Park (no playground)	None
Presence of Sidewalks	None	On one side	On both sides
Truck Volumes (as %)	>10%	5 – 10%	<5%
Pedestrians Crossing (8 hrs)	>25	10 – 25	<10
Intersections / Entrances (per km)	>10	4 – 10	<4

Scoring – Community Safety Zone Scoring

Scores from each of the eight factors are scored and totaled with the following actions taken:

1. **Designate as a Community Safety Zone:**
18 or more points are awarded
2. **Staff to confirm if a Community Safety Zone is appropriate:** 17 points are awarded and at least 3 categories are found to be high-risk
3. **Community Safety Zone Not Warranted:**
Less than 17 points awarded, or 17 points with 2 or less categories that are high-risk



Overview – Communities Assessed

County Road corridors within 12 primary urban centres and two secondary urban centres:

- Clifford (Wellington Road 2)
- Harriston (Wellington Road 109)
- Palmerston (Wellington Roads 5, 8 and 123)
- Mount Forest (Wellington Road 6)
- Arthur (Wellington Road 14)
- Moorefield (Wellington Road 10)
- Drayton (Wellington Roads 8 and 11)
- Elora/Salem (Wellington Roads 7, 18 and 21)
- Fergus (Wellington Roads 18 and 19)
- Hillsburgh (Wellington Road 24)
- Erin (Wellington Road 124)
- Rockwood (Wellington Roads 27 and 50)
- Aberfoyle (Wellington Roads 34 and 46)
- Morriston (Wellington Road 36)

Scoring was initially undertaken by Dillon and then reviewed, updated and confirmed by Wellington County Roads staff

No corridors that are currently identified as a provincial highway were assessed.



Community Safety Zone Scoring

Technical Community Safety Zone Final Scoring (1 of 3)

Road Segment	Community	Total Score
Wellington Road 18 (Highway 6 - Orangeville Road)	Fergus	19
Wellington Road 123 (Wellington Road 8 - Wellington Road 5)	Palmerston	18
Wellington Road 11 (Andrews Drive - Wellington Road 8)	Drayton	18
Wellington Road 7 (Ross Street - First Line)	Elora & Salem	18
Wellington Road 24 (Church Street - Jane Street)	Hillsburgh	18
Wellington Road 46 (Wellington Road 34 - Gilmour Road)	Aberfoyle	18
Wellington Road 18 (Wellington Road 21 - Chapel Street)	Elora & Salem	17
Wellington Road 124 (Ross Street - Wellington Road 52)	Erin	17
Wellington Road 6 (Highway 6 - London Road)	Mount Forest	17
Wellington Road 7 (Middlebrook Road - Ross Street)	Elora & Salem	16
Wellington Road 18 (Beatty Line - Highway 6)	Fergus	16
Wellington Road 109 (Arthur Street W. - Raglan Street W.)	Harriston	16
Wellington Road 10 (Ball Avenue - Hilwood Drive)	Moorefield	16
Wellington Road 46 (Gilmour Road - Highway 401)	Aberfoyle	15
Wellington Road 11 (Wellington Road 8 - Mary Street)	Drayton	15
Wellington Road 18 (James Street - Moir Street)	Elora & Salem	15
Wellington Road 124 (Erin Park Drive - Ross Street)	Erin	15



Wellington Road 46, Aberfoyle

Technical Community Safety Zone Final Scoring (2 of 3)

Road Segment	Community	Total Score
Wellington Road 19 (Gartshore Street - Anderson Street)	Fergus	15
Wellington Road 6 (Highway 89 - Highway 6)	Mount Forest	15
Wellington Road 123 (Highway 23 - Wellington Road 8)	Palmerston	15
Wellington Road 14 (Tucker Street - Domville Street)	Arthur	14
Wellington Road 2 (Minto Street S. - Highway 9)	Clifford	14
Wellington Road 18 (Moir Street - East Mill Street)	Elora & Salem	14
Wellington Road 21 (Wellington Road 18 - Wellington Road 7)	Elora & Salem	14
Wellington Road 7 (William Street - Middlebrook Road)	Elora & Salem	14
Wellington Road 19 (Highway 6 - Gartshore Street)	Fergus	14
Wellington Road 24 (Howe Street - Church Street)	Hillsburgh	14
Wellington Road 8 (Mill Lane - Toronto Street)	Palmerston	13
Wellington Road 5 (Lett Street - Wellington Road 123)	Palmerston	13
Wellington Road 34 (Bull Frog Drive - Wellington Road 46)	Aberfoyle	13
Wellington Road 8 (Drayton Industrial Drive - Wellington Road 11)	Drayton	13
Wellington Road 18 (Wellington Road 7 - James Street)	Elora & Salem	13
Wellington Road 52 (Wellington Road 124 - Ninth Line)	Erin	13
Wellington Road 109 (Raglan Street W. - Jessie Street)	Harriston	13
Wellington Road 10 (Concession Road 8 - Ball Avenue)	Moorefield	13
Wellington Road 27 (Gzowski Street - Highway 7)	Rockwood	13
Wellington Road 14 (Domville Street - Highway 6)	Arthur	13



Wellington Road 7, Elora & Salem

Technical Community Safety Zone Final Scoring (3 of 3)

Road Segment	Community	Total Score
Wellington Road 5 (Wellington Road 123 - Wellington Road 8)	Palmerston	13
Wellington Road 2 (Highway 9 – Seip Lane)	Clifford	12
Wellington Road 8 (Wellington Road 11 - John Street)	Drayton	12
Wellington Road 8 (Wellington Road 123 - Mill Lane)	Palmerston	12
Wellington Road 27 (Brebeuf Path - Gzowski Street)	Rockwood	12
Wellington Road 2 (W Heritage Street - Allan Street W.)	Clifford	11
Wellington Road 36 (Ochs Drive - Ochs Street)	Morriston	11
Wellington Road 36 (Ochs Street - Highway 6)	Morriston	11
Wellington Road 50 (Sammon Drive - Highway 7)	Rockwood	11

1. Six (6) corridors scored 18 or more points and recommended for a Community Safety Zone
2. Three (3) corridors scored 17 points and featured 3 high-risk categories and recommended for Staff to review and confirm Community Safety Zone designation
3. Remaining corridors did not meet threshold



Wellington Road 123, Palmerston

Community Safety Zone Scoring Summary

Six road segments received a score of 18 or above:

1. Fergus: Wellington Road 18 (Highway 6 - Orangeville Road)
2. Palmerston: Wellington Road 123 (Wellington Road 8 – Wellington Road 5)
3. Drayton - Wellington Road 11 (Andrews Drive - Wellington Road 8)
4. Elora & Salem - Wellington Road 7 (Ross Street - 1 Line)
5. Hillsburgh - Wellington Road 24 (Church Street - Jane Street)
6. Aberfoyle - Wellington Road 46 (Wellington Road 34 – Gilmour Road)

Three road segments received a score of 17 and at least three criteria were scored as high-risk:

1. Elora & Salem - Wellington Road 18 (Wellington Road 21 – Chapel Street)
2. Erin - Wellington Road 124 (Ross Street – Wellington Road 52)
3. Mount Forest - Wellington Road 6 (Highway 6 – London Road)



Wellington Road 24



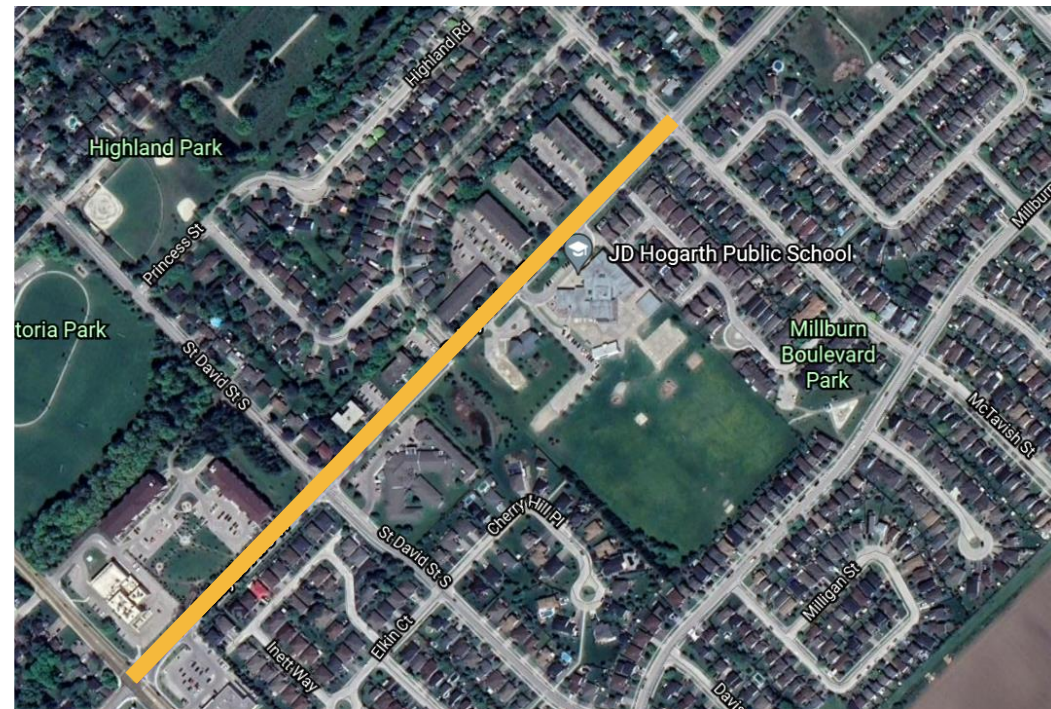
Community Safety Zone Recommendations

Community Safety Zone Recommendations (1 of 9)

Wellington Road 18 (Highway 6 – Orangeville Road), Fergus:

SCORE = 19

Recommend introducing a Community Safety Zone on Wellington Road 18 between Highway 6 and McTavish Street as this road section contains all of the sensitive community amenities.

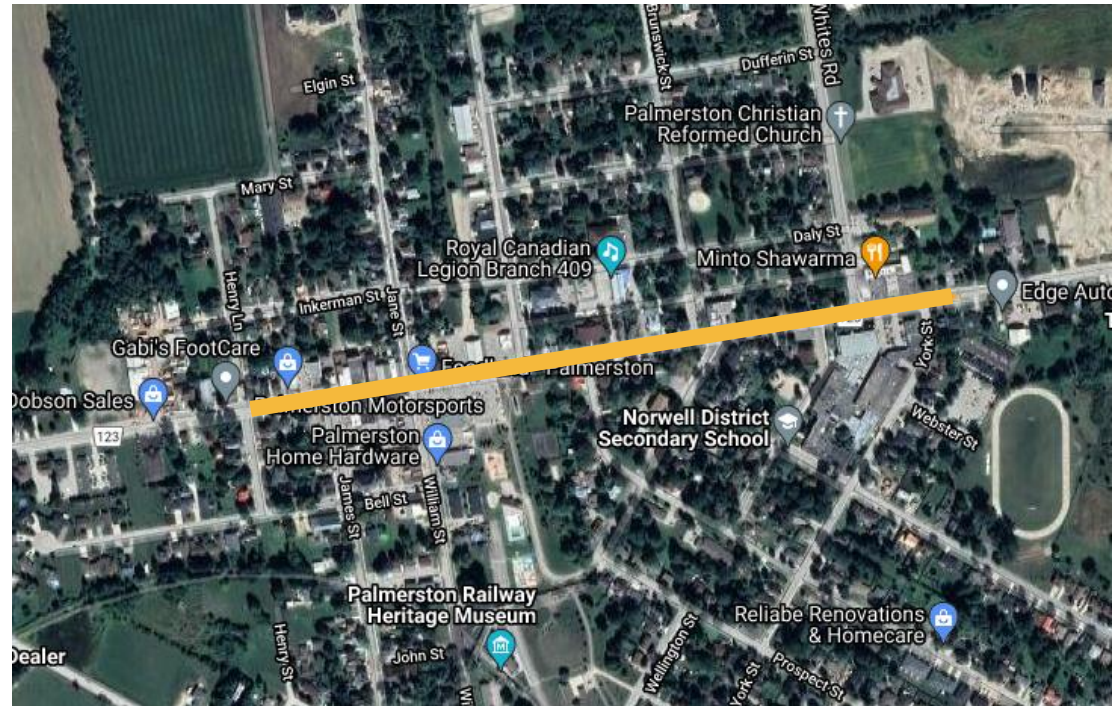


Community Safety Zone Recommendations (2 of 9)

Wellington Road 123 (Wellington Road 5 – Wellington Road 8), Palmerston:

SCORE = 18

Recommend introducing a Community Safety Zone along Wellington Road 123 from Henry Street east to York Street as this section includes all the more sensitive community amenities including the downtown limits, the park and secondary school.

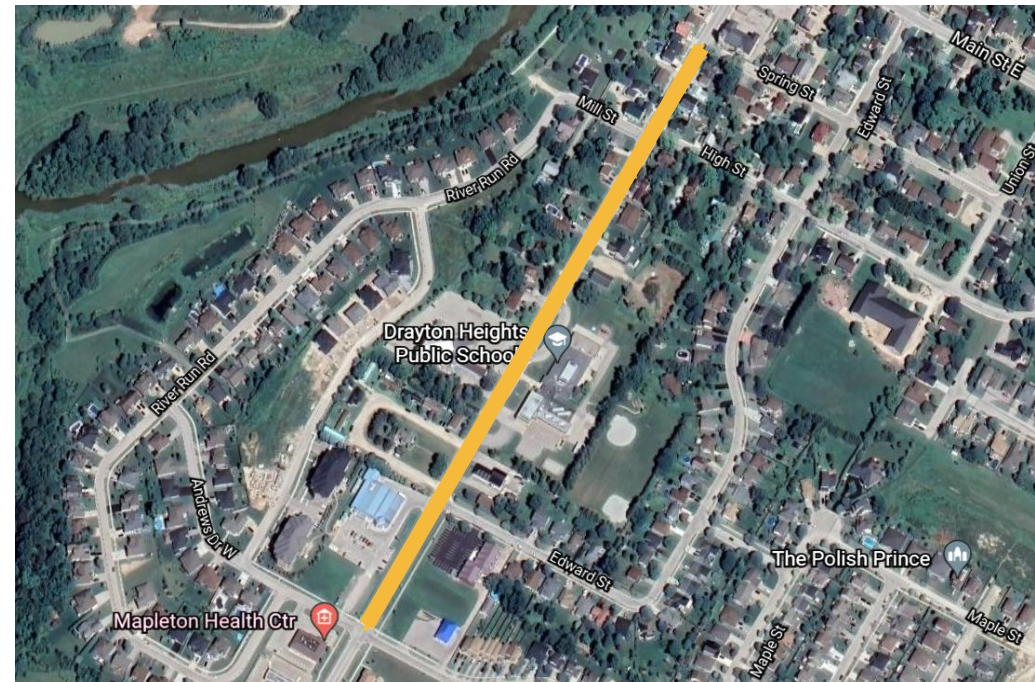


Community Safety Zone Recommendations (3 of 9)

Wellington Road 11 (Andrews Drive – Wellington Road 8), Drayton:

SCORE = 18

Recommend introducing a Community Safety Zone on Wellington Road 11 between Andrews Drive and Spring Street as this road section contains all of the sensitive community amenities (school and vertical grade).

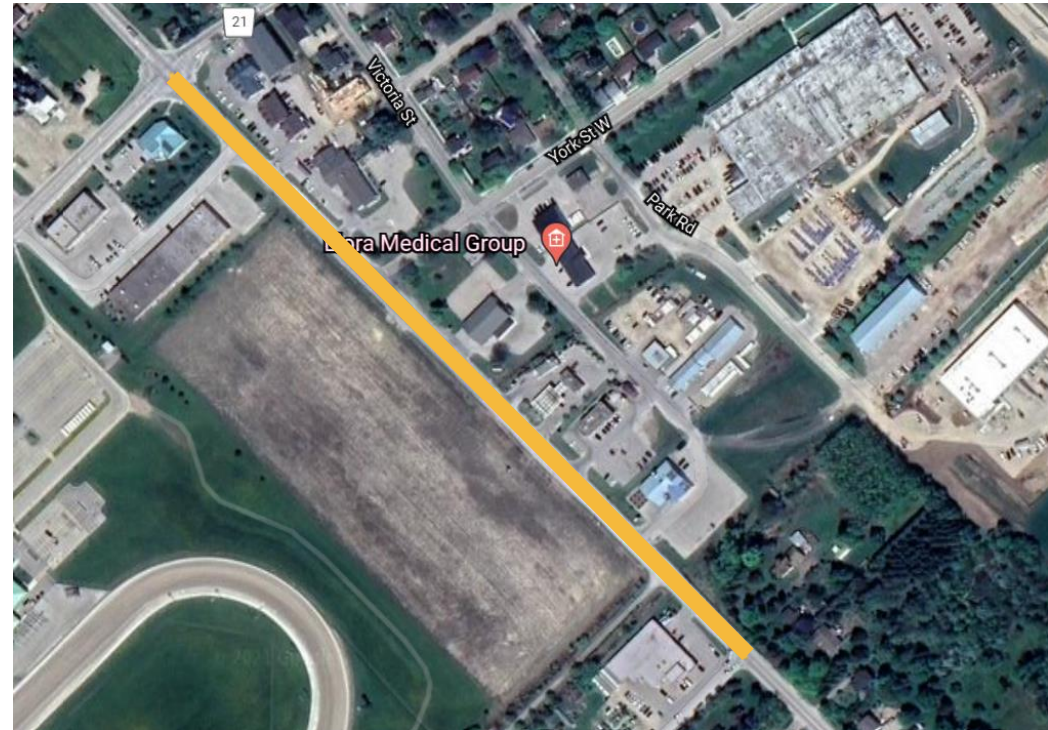


Community Safety Zone Recommendations (4 of 9)

Wellington Road 7 (Ross Street to First Line), Elora & Salem:

SCORE = 18

Recommend introducing a Community Safety Zone on the portion of Wellington Road 7 between Wellington Road 21 and Speers Road as this road section contains the major community amenities.



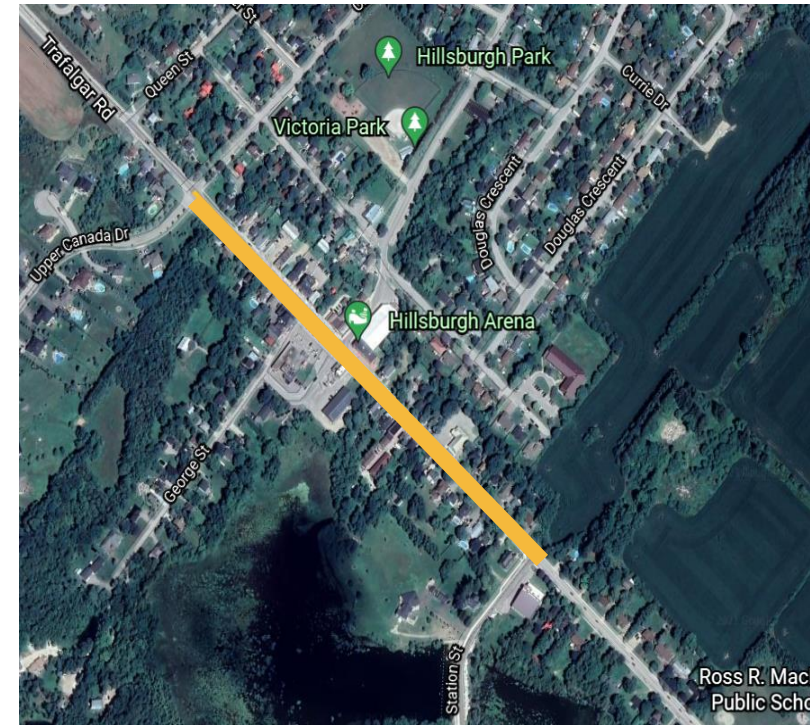
Community Safety Zone Recommendations (5 of 9)

Wellington Road 24 (Church Street to Jane Street), Hillsburgh:

SCORE = 18

Recommend introducing a Community Safety Zone on Wellington Road 24 between Church Street and Station Street as this road section contains the majority of the community amenities and has the most pedestrian traffic.

Alternative road safety measures were recommended surrounding the elementary school as part of the Speed Management Corridor Reviews.

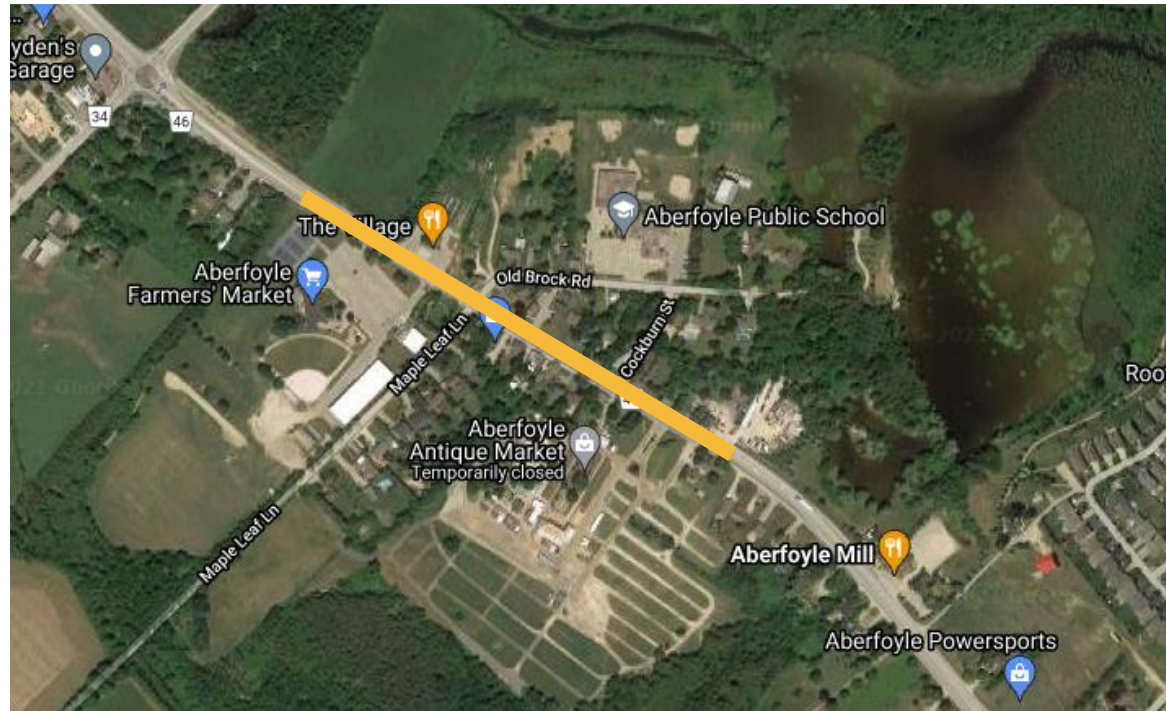


Community Safety Zone Recommendations (6 of 9)

Wellington Road 46 (Wellington Road 34 to Gilmour Drive), Aberfoyle:

SCORE = 18

Recommend introducing a Community Safety Zone on Wellington Road 46 through Aberfoyle both north and south of Old Brock Road.

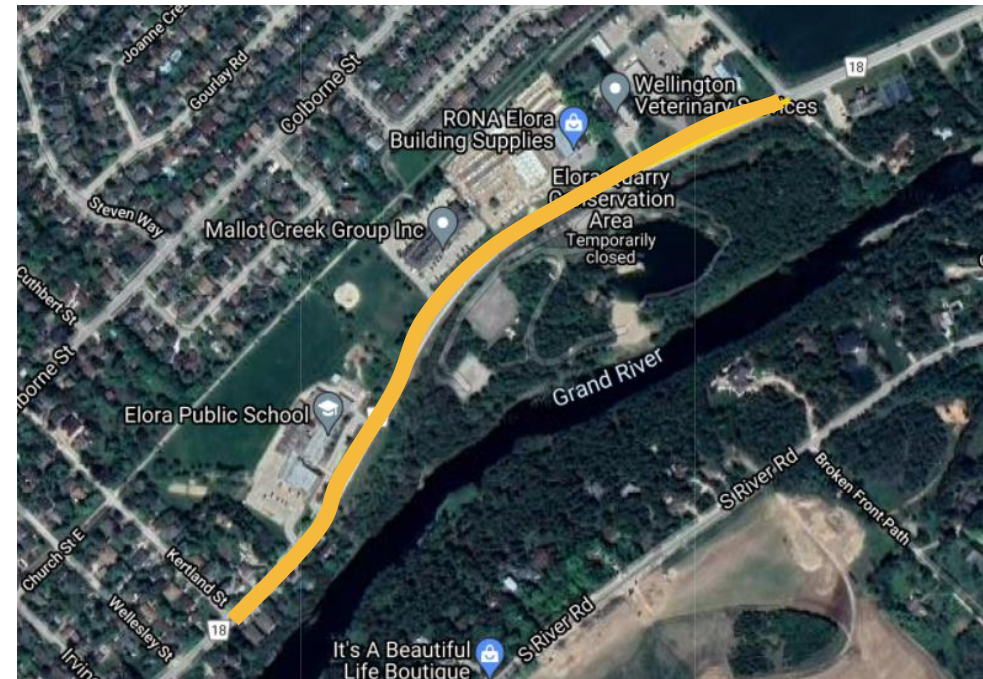


Community Safety Zone Recommendations (7 of 9)

Wellington Road 18 (Wellington Road 21 to Chapel Street), Elora & Salem:

SCORE = 17 (3 HIGH-RISK)

Recommend introducing a Community Safety Zone on a portion of Wellington Road 18 fronting the Elora Public School and the Elora Quarry Conservation Area. The limits of this zone are recommended to be between Chapel Street and Kertland Street.

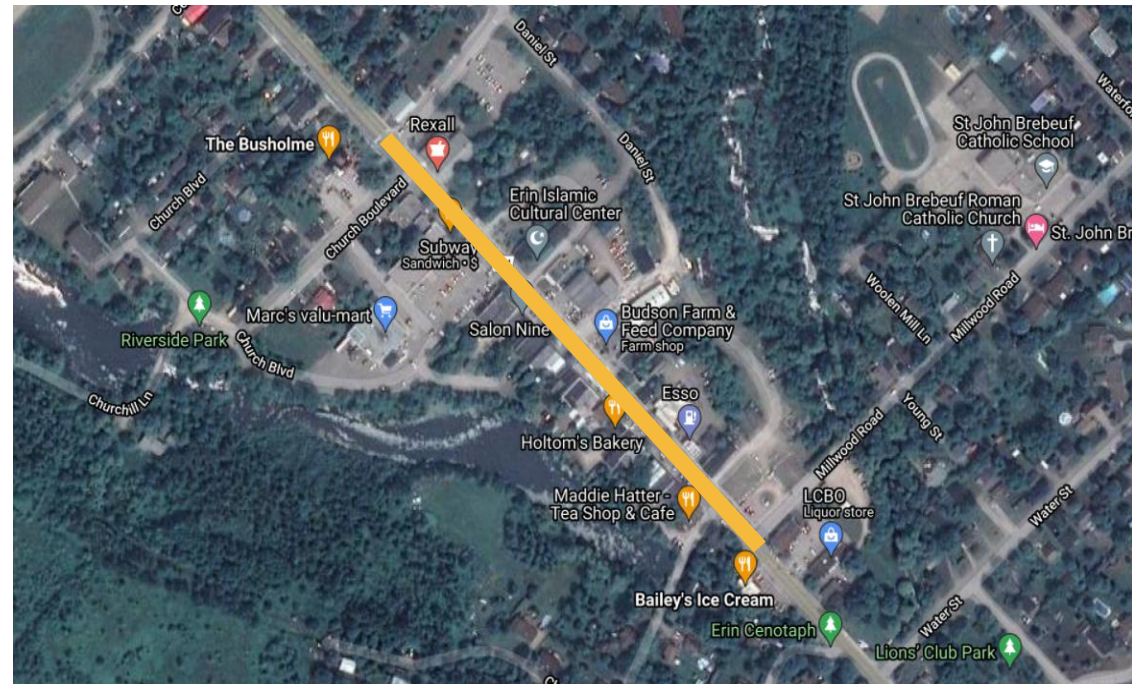


Community Safety Zone Recommendations (8 of 9)

Wellington Road 124 (Ross Street to Wellington Road 52), Erin:

SCORE = 17 (3 HIGH-RISK)

Recommend introducing a Community Safety Zone on a portion of Wellington Road 124 within downtown Elora. The limits of this zone are recommended to be between East Church Street and Millwood Road.

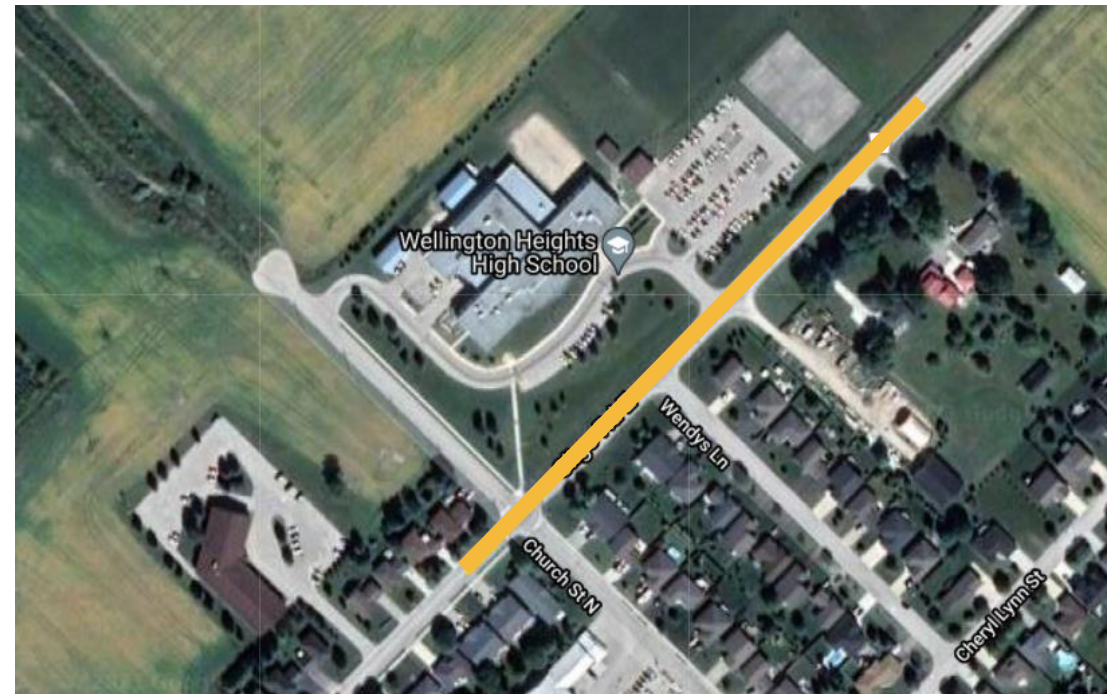


Community Safety Zone Recommendations (9 of 9)

Wellington Road 6 (Highway 6 to London Road), Mount Forest:

SCORE = 17 (3 HIGH-RISK)

Recommend introducing a Community Safety Zone on a portion of Wellington Road 6 fronting Wellington Heights High School.





Discussion



Thank You