



**ROADS SUB-COMMITTEE HYBRID MEETING
MONDAY, SEPTEMBER 16TH, 2024 AT 9:30 A.M.
AGENDA**

Join Zoom Meeting

<https://us02web.zoom.us/j/85924774091?pwd=qzKEwwKoDF0y7wN5DGbm9SXvjWJVK>

[v.1](#)

Meeting ID: 859 2477 4091

Passcode: 716431

One tap mobile

+17789072071,,85924774091#,,,,*716431# Canada

+17806660144,,85924774091#,,,,*716431# Canada

Dial by your location

- +1 778 907 2071 Canada
- +1 780 666 0144 Canada
- +1 204 272 7920 Canada
- +1 438 809 7799 Canada
- +1 587 328 1099 Canada
- +1 647 374 4685 Canada
- +1 647 558 0588 Canada

Meeting ID: 859 2477 4091

Passcode: 716431

1. On-Site in Horning's Mills to look at Sidewalks – Meet at the Horning's Mills Hall at 9:30 a.m.

2. Call to Order

Welcome to all in Attendance and note to the Public – this Committee meeting is being recorded and will be available on the Township website under the Boards and Committee (Roads Sub-Committee) section within 5 business days of the Committee meeting.

3. Land Acknowledgement

We would like to begin by acknowledging that Melancthon Township recognizes the ancestral lands and treaty territories of the Tionontati (Petun/Wyandot(te)), Haudenosaunee (Six Nations), and Anishinaabe Peoples. The Township of Melancthon

resides within the lands named under the Haldimand Deed of 1784 and the Lake Simcoe-Nottawasaga Treaty (Treaty 18).

These territories upon which we live and learn, are steeped in rich Indigenous history and traditions. It is with this statement that we declare to honour and respect the past and present connection of Indigenous peoples with this land, its waterways, and resources.

4. Additions/Deletions/Approval of Agenda

Moved by _____ Seconded by _____ be it resolved that the agenda be approved as _____.

5. Declaration of Pecuniary Interest or Conflict of Interest

6. Approval of Draft Minutes – August 19th, 2024

Moved by _____ Seconded by _____ be it resolved that the minutes of the Roads Sub-Committee meeting held on August 19th, 2024, be approved as circulated.

7. Business Arising from Minutes

8. Correspondence Items

9. General Business

1. Update from Public Works Superintendent
2. 2024 Road Projects Update
3. Proposed 2025 Capital Projects
4. Black Cat and Road Counter Data – River Road and 5th Line OS
5. Email from Krys & Debra Jones regarding Motorcycle Accidents on River Road
6. Update from Al Blundell
7. Other/Additions

10. Recommendations to Council

11. Public Question Period

12. Confirmation Motion

Moved by _____ Seconded by _____ be it resolved that all actions of the Members and Officers of the Roads Sub-Committee with respect to every matter addressed and/or adopted by the Board on the above date be hereby adopted, ratified, and confirmed; and each motion, resolution and other actions taken by the Board members and Officers at the meeting held on the above date are hereby adopted, ratified, and confirmed.

13. Adjournment and Date of Next Meeting

Moved by _____ Seconded by _____ be it resolved that we adjourn this Roads Sub-Committee meeting to meet again on October 7th, 2024 or at the call of the Chair.



5 YEAR CAPITAL PLANS

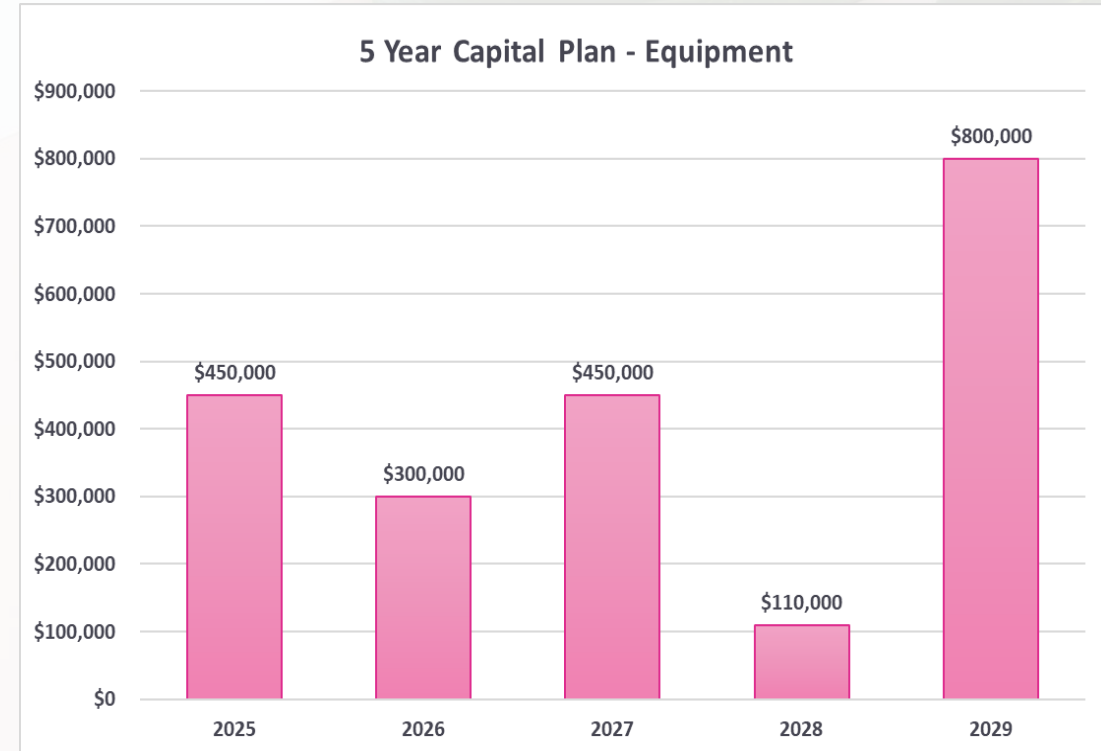
5 Year Equipment Plan

5 Year Road Plan

5 Year Bridge Plan

5 Year Capital Equipment Plan

5 YEAR CAPTIAL PLAN - EQUIPMENT		
Equipment	Approximate Costing	Comments
2025		
Plow Truck	\$450,000	Would replace a plow truck
2026		
Backhoe	\$300,000	Would replace current backhoe
2027		
Plow Truck	\$450,000	Would replace a plow truck
2028		
Pick-up Truck	\$110,000	Would replace a Truck
2029		
Grader	\$800,000	Would replace a Grader
5 Year Total	\$2,110,000	



5 Year Capital Roads Plan

5 YEAR CAPITAL PLAN - ROADS				
Road	Road Section	Approximate Distance	Approximate Costing	Annual Total
2025				
260 Sideroad	2nd Line SW - Outskirts of Riverview	3.65km	\$750,000	\$945,000
4th Line OS	County Rd 17 S to Lot 9 & 10	750m	\$125,000	
Hunter Parkway	5 Sideroad to County Rd 124	300m	\$70,000	
2026				
5 Sideroad	3rd Line OS to County Rd 124	1.3km	\$325,000	\$1,025,000
3rd Line OS	County Rd 17 to 15 Sideroad	2km	\$350,000	
3rd Line OS	5 Sideroad to County Rd 17	2km	\$350,000	
2027				
2nd Line SW	300 Sideroad to County Rd 17	2km	\$350,000	\$1,100,000
2nd Line SW	County Rd 17 to 270 Sideroad	4km	\$750,000	
2028				
2nd Line SW	270 Sideroad to 250 Sideroad	4km	\$750,000	\$900,000
5 Sideroad	3rd Line OS to County Rd 124	1.3km (2nd Lift)	\$150,000	
2029				
3rd Line OS	15 Sideroad 1km North	1km	\$200,000	\$1,425,000
7th Line SW	280 Sideroad to 270 Sideroad	2km	\$350,000	
3rd Line OS	20 Sideroad to County Rd 21	3km	\$550,000	
20 Sideroad	County Rd 124 to 3rd Line OS	1.25km	\$325,000	
			5 Year Total	\$5,395,000



5 Year Capital Bridge Plan

5 YEAR CAPITAL PLAN - BRIDGES				
Structure No./Name	Road Name	Recommended Work	Estimated Cost	Annual Costing
2025				
2033	7th Line SW	Engineering – Design (Embankment Stabilization)	\$12,500	\$197,500
6	4th Line SW	Engineering – Design (Waterproof & Pave)	\$10,000	
2007	15 Sideroad	Engineering – Design (Waterproof & Pave)	\$10,000	
2033	7th Line SW	Construction – Rehabilitation (Embankment Stabilization)	\$60,000	
6	4th Line SW	Construction – Waterproof and Pave	\$50,000	
2007	15 Sideroad	Construction - Waterproof and Pave	\$40,000	
16	250 Sideroad	Construction – Rock Protection along Abutment Walls	\$15,000	
2026				
7	7th Line SW	Engineering – Design (Rehabilitation)	\$35,000	\$60,000
18	2nd Line NE	Engineering – Design (Rehabilitation)	\$25,000	
2027				
7	7th Line SW	Construction - Rehabilitation	\$370,000	\$600,000
18	2nd Line NE	Construction – Rehabilitation (keeping existing barrier)	\$230,000	
2028				
14	4th Line SW	Engineering – Design (Scoped Rehabilitation)	\$25,000	\$50,000
9	8th Line SW	Engineering – Design (Scoped Rehabilitation)	\$25,000	
2029				
14	4th Line SW	Construction – Scoped Rehabilitation	\$200,000	\$450,000
9	8th Line SW	Construction – Scoped Rehabilitation	\$250,000	
			5 Year Total	\$1,357,500

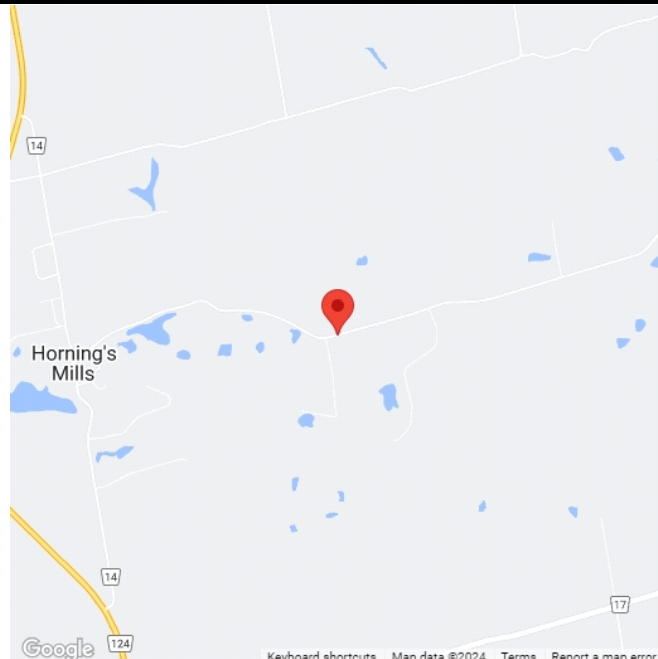


SPEED DATA ANALYSIS

Location



Melancthon
Latitude: 44.155132
Longitude: -80.186920
River Road



Analysis Time Period



Start	End
2024-08-08 9:55 AM	2024-08-14 8:49 AM

Vehicles Analyzed



1,819

Speed Limit



40

Total Enforceable Violations



1,398

Average Speed



58

% Enforceable Violations



77%

Fastest Speed



114

Enforcement Rating

HIGH

Slowest Speed



11

Default Report Title
 Use Preferences to Define Titles
 River Road

Site Code: test1
 Station ID: 1
 Location 1: Melancthon
 Location 2:
 Location 3:
 Location 4:

Comment 1:
 Comment 2:
 Comment 3:
 Comment 4:
 Latitude: 44.155132
 Longitude: -80.186920

Combined Lanes 2024-08-08 to 2024-08-14

Peak Analysis

Classes Excluded From Peaks: None

Date	AM Peak	Hour Volume	Highest Interval Time	Highest Interval Volume	Peak Hour Factor	Pm Peak	Hour Volume	Highest Interval Time	Highest Interval Volume	Peak Hour Factor
2024-08-08	9:55 AM	29	10:21 AM	11	0.66	3:10 PM	41	3:31 PM	15	0.68
2024-08-09	11:00 AM	26	11:37 AM	12	0.54	2:20 PM	44	2:27 PM	15	0.73
2024-08-10	9:34 AM	36	9:36 AM	24	0.38	1:47 PM	56	1:47 PM	21	0.67
2024-08-11	10:50 AM	29	11:09 AM	12	0.60	4:18 PM	31	4:55 PM	10	0.78
2024-08-12	7:26 AM	23	7:44 AM	12	0.48	4:52 PM	39	5:00 PM	15	0.65
2024-08-13	10:31 AM	31	11:00 AM	10	0.78	3:09 PM	43	3:53 PM	18	0.60
2024-08-14	7:23 AM	21	7:47 AM	11	0.48	No Volume				

Pace Speed - KPH

Classes Excluded From Pace:

Speed	Number	Percent
51 - 65	951	52.3%

Percentile Speeds

Percentile	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th	90th
Speed - KPH	36	43	46	48	50	52	53	55	56	57	58	60	61	63	64	66	68	71

Vehicles Traveling Greater Than 50.0 KPH

Total Volume 1,819
 Total Greater Than 50.0 1,398
 Percent Greater Than 50.0 76.9%

Mean, Median, and Mode Averages

Mean: 58.0
 Median (50th %): 57.0
 Mode: 58.0

Classification Statistics

	Class 1	Class 2	Class 3	Class 4	Class 5
1819	0	0	0	0	0
100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

AADT

Date	Lane	Volume	x	User	x	Daily	=	ADT	x	Season	=
2024-08-08	Direction X, Lane 1	117		1.00		1.00		117		1.00	
2024-08-08	Direction X, Lane 2	161		1.00		1.00		161		1.00	
2024-08-08	Day Total	278						278			
2024-08-09	Direction X, Lane 1	156		1.00		1.00		156		1.00	
2024-08-09	Direction X, Lane 2	170		1.00		1.00		170		1.00	
2024-08-09	Day Total	326						326			
2024-08-10	Direction X, Lane 1	152		1.00		1.00		152		1.00	
2024-08-10	Direction X, Lane 2	188		1.00		1.00		188		1.00	
2024-08-10	Day Total	340						340			
2024-08-11	Direction X, Lane 1	110		1.00		1.00		110		1.00	

Default Report Title
 Use Preferences to Define Titles

Site Code: test1
 Station ID: 1
 Location 1: Melancthon
 Location 2:
 Location 3:
 Location 4:

Comment 1:
 Comment 2:
 Comment 3:
 Comment 4:
 Latitude: 44.155132
 Longitude: -80.186920

Date	Lane	Volume	x	User	x	Daily	=	ADT	x	Season	=
2024-08-11	Direction X, Lane 2	116		1.00		1.00		116		1.00	
2024-08-11	Day Total	226						226			
2024-08-12	Direction X, Lane 1	129		1.00		1.00		129		1.00	
2024-08-12	Direction X, Lane 2	151		1.00		1.00		151		1.00	
2024-08-12	Day Total	280						280			
2024-08-13	Direction X, Lane 1	143		1.00		1.00		143		1.00	
2024-08-13	Direction X, Lane 2	188		1.00		1.00		188		1.00	
2024-08-13	Day Total	331						331			
2024-08-14	Direction X, Lane 1	26		1.00		1.00		26		1.00	
2024-08-14	Direction X, Lane 2	12		1.00		1.00		12		1.00	
2024-08-14	Day Total	38						38			
Total		1819						1819			
Average		260						260			

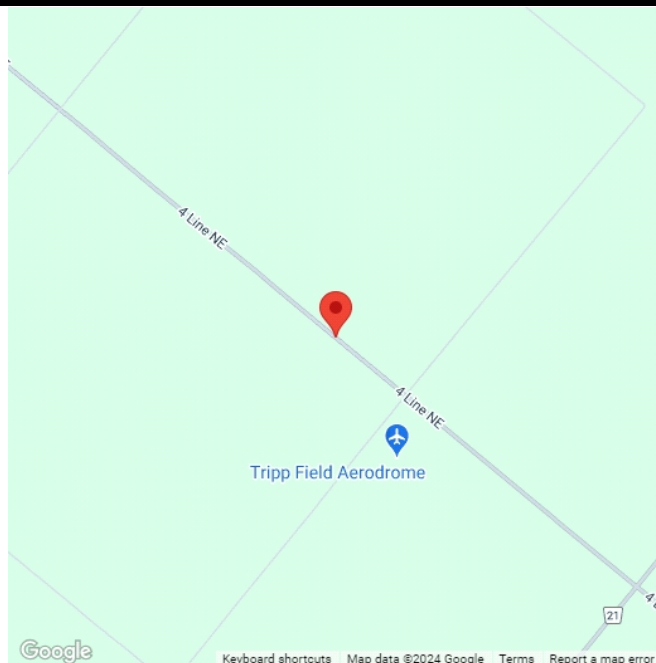
SPEED DATA ANALYSIS

Location



Melancthon
Latitude: 44.181000
Longitude: -80.313721

4th Line NE North of 250 Sideroad



Analysis Time Period



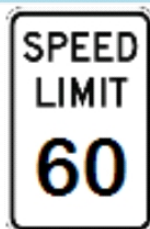
Start	End
2024-08-19 9:23 AM	2024-08-25 7:55 AM

Vehicles Analyzed



1,257

Speed Limit



60

Total Enforceable Violations



774

Average Speed



74

% Enforceable Violations



62%

Fastest Speed



134

Enforcement Rating

HIGH

Slowest Speed



11

SPEED DATA ANALYSIS

Enforcement Tolerance



10

Peak Time of Violations



2024-08-21
4:23 PM

Default Report Title
 Use Preferences to Define Titles

4th Line NE North of 250 Sideroad

Site Code: test1
 Station ID: 1
 Location 1: Melancthon
 Location 2:
 Location 3:
 Location 4:

Comment 1:
 Comment 2:
 Comment 3:
 Comment 4:
 Latitude: 44.181000
 Longitude: -80.313721

Combined Lanes 2024-08-19 to 2024-08-25

Peak Analysis

Classes Excluded From Peaks: None

Date	AM Peak	Hour Volume	Highest Interval Time	Highest Interval Volume	Peak Hour Factor	Pm Peak	Hour Volume	Highest Interval Time	Highest Interval Volume	Peak Hour Factor
2024-08-19	10:49 AM	17	11:18 AM	7	0.61	4:47 PM	27	5:31 PM	10	0.68
2024-08-20	9:21 AM	21	9:55 AM	12	0.44	3:50 PM	28	4:03 PM	12	0.58
2024-08-21	7:11 AM	19	7:36 AM	8	0.59	3:28 PM	31	4:11 PM	12	0.65
2024-08-22	7:12 AM	20	7:25 AM	8	0.63	2:45 PM	35	2:45 PM	12	0.73
2024-08-23	10:48 AM	23	11:02 AM	8	0.72	4:12 PM	31	4:55 PM	12	0.65
2024-08-24	10:53 AM	15	11:17 AM	6	0.63	12:54 PM	17	12:57 PM	6	0.71
2024-08-25	5:03 AM	2	5:03 AM	1	0.50	No Volume				

Pace Speed - MPH

Classes Excluded From Pace:

Speed	Number	Percent
75 - 84	260	20.7%

Percentile Speeds

Percentile	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th	90th
Speed - MPH	24	43	51	56	61	65	68	70	74	76	78	81	83	86	88	91	94	97

Vehicles Traveling Greater Than 50.0 MPH

Total Volume 1,257
 Total Greater Than 50.0 1,077
 Percent Greater Than 50.0 85.7%

Mean, Median, and Mode Averages

Mean: 73.6
 Median (50th %): 76.0
 Mode: 89.0

Classification Statistics

	Class 1	Class 2	Class 3	Class 4	Class 5
1257	0	0	0	0	0
100.0%	0.0%	0.0%	0.0%	0.0%	0.0%

AADT

Date	Lane	Volume	x	User	x	Daily	=	ADT	x	Season	=
2024-08-19	Direction X, Lane 1	91		1.00		1.00		91		1.00	
2024-08-19	Direction X, Lane 2	69		1.00		1.00		69		1.00	
2024-08-19	Day Total	160						160			
2024-08-20	Direction X, Lane 1	135		1.00		1.00		135		1.00	
2024-08-20	Direction X, Lane 2	120		1.00		1.00		120		1.00	
2024-08-20	Day Total	255						255			
2024-08-21	Direction X, Lane 1	136		1.00		1.00		136		1.00	
2024-08-21	Direction X, Lane 2	104		1.00		1.00		104		1.00	
2024-08-21	Day Total	240						240			
2024-08-22	Direction X, Lane 1	132		1.00		1.00		132		1.00	

Default Report Title
 Use Preferences to Define Titles

Site Code: test1
 Station ID: 1
 Location 1: Melancthon
 Location 2:
 Location 3:
 Location 4:

Comment 1:
 Comment 2:
 Comment 3:
 Comment 4:
 Latitude: 44.181000
 Longitude: -80.313721

Date	Lane	Volume	x	User	x	Daily	=	ADT	x	Season	=
2024-08-22	Direction X, Lane 2	105		1.00		1.00		105		1.00	
2024-08-22	Day Total	237						237			
2024-08-23	Direction X, Lane 1	113		1.00		1.00		113		1.00	
2024-08-23	Direction X, Lane 2	102		1.00		1.00		102		1.00	
2024-08-23	Day Total	215						215			
2024-08-24	Direction X, Lane 1	76		1.00		1.00		76		1.00	
2024-08-24	Direction X, Lane 2	69		1.00		1.00		69		1.00	
2024-08-24	Day Total	145						145			
2024-08-25	Direction X, Lane 1	3		1.00		1.00		3		1.00	
2024-08-25	Direction X, Lane 2	2		1.00		1.00		2		1.00	
2024-08-25	Day Total	5						5			
Total		1257						1257			
Average		180						180			

Station Name:5th Line OS																
Description:north of sideroad 15																
Start Date/Time:12-08-2024 00:00																
End Date/Time:07-08-2024 23:59																
	40 KPH	45 KPH	50 KPH	55 KPH	60 KPH	65 KPH	70 KPH	75 KPH	80 KPH	85 KPH	90 KPH	95 KPH	100 KPH	120 KPH	> 120 KPH	All Speeds
Wednesday, August 7, 2024	25	7	5	12	8	14	7	39	26	27	23	12	5	11	3	224
Thursday, August 8, 2024	7	1	10	7	9	15	19	28	48	49	43	24	29	12	0	301
Friday, August 9, 2024	5	1	10	7	14	14	8	33	40	56	69	37	33	41	2	370
Saturday, August 10, 2024	6	3	7	6	10	9	6	19	29	23	26	15	2	13	2	176
Sunday, August 11, 2024	4	1	3	4	5	8	9	15	19	15	8	9	4	11	3	118
Monday, August 12, 2024	0	2	2	1	3	0	4	3	7	7	10	0	4	5	0	48
	47	15	37	37	49	60	53	137	169	177	179	97	77	93	10	1237
	3.80%	1.21%	2.99%	2.99%	3.96%	4.85%	4.28%	11.08%	13.66%	14.31%	14.47%	7.84%	6.22%	7.52%	0.81%	100.00%

Kaitlin Dinnick

To: James McLean
Subject: RE: River Rd. another Motorcycle Accident Aug. 25 2024

From: Krys Jones [REDACTED]
Sent: Monday, August 26, 2024 9:37:25 PM
To: Darren White <dwhite@melancthontownship.ca>
Cc: James McLean <jmclean@melancthontownship.ca>
Subject: Re: River Rd. another Motorcycle Accident Aug. 25 2024

Hi Darren,

Thank you for your reply. I look forward to receiving the updates.

Krys

Get [Outlook for Android](#)

From: Darren White <dwhite@melancthontownship.ca>
Sent: Monday, August 26, 2024 9:30:26 PM
To: Krys Jones [REDACTED]
Cc: James McLean <jmclean@melancthontownship.ca>
Subject: Re: River Rd. another Motorcycle Accident Aug. 25 2024

Hello Krys, I am forwarding your email to both the roads subcommittee and the police e services board for follow up and discussion.

I did have a brief chat today with senior leadership of Dufferin Paramedics regarding the issue.

Regards.

Sent from my iPhone

Darren White C.D

Warden
County of Dufferin
Mayor
Township of Melancthon

519 278 8234 cell
519 925 5525 office
dwhite@melancthontownship.ca

On Aug 25, 2024, at 6:22 PM, Krys Jones [REDACTED] wrote:

Make that 3 motorcycle accidents on River Rd. today! Just heard about the 3rd one.

Melancthon, Mulmur council plus the OPP need to work together and find a solution now to this forever issue. The residents in both communities are feed up.

We offered our driveway to the OPP to catch the speeding cycle morons but haven't seen the OPP make use of it yet.

From: Krys Jones [REDACTED]
Sent: Sunday, August 25, 2024 2:43:10 PM
To: dwhite@melancthontownship.ca <dwhite@melancthontownship.ca>
Cc: James McLean <jmclean@melancthontownship.ca>
Subject: River Rd. another Motorcycle Accident Aug. 25 2024

Hi Darren & James,

Please see link to pics below.

2nd motorcycle accident today very close to our driveway. Happened within 45 minutes of the 1st one at Centre Rd.

We need temp speed bumps! Bollards aren't the solution with crazy speeding motorcycles. Excessive noise is another problem. OPP said they don't have the meters to measure the noise and that a bylaw exists for noise. Without the meters, they can't enforce it. Rediculous.

We need speed bumps before a fatality occurs!

Krys & Debra Jones
[REDACTED]

[REDACTED]