

-----Original Message-----

From: Bryan Barnett  
Sent: Wednesday, April 30, 2008 11:04 AM  
To: CityCouncilMembers  
Cc: Paul Shumejko; Roger Rouse; Marc Matich  
Subject: FW: FW: Rochester Hills Website Feedback - Crooks/Hamlin Intersection

Council,

Wanted you to see the nice feedback several of our staff received from a resident

Bryan K. Barnett, Mayor  
City of Rochester Hills  
1000 Rochester Hills Drive  
Rochester Hills, MI 48309  
phone 248-656-4664  
fax 248-656-4603  
mayorsoffice@rochesterhills.org

-----Original Message-----

From: Charlotte Taravella On Behalf Of Mayors Office@rochesterhills.org  
Sent: Tuesday, April 29, 2008 12:25 PM  
To: Bryan Barnett  
Subject: FW: FW: Rochester Hills Website Feedback - Crooks/Hamlin Intersection

Charlotte Taravella  
Executive Assistant  
Mayor's Office  
248 841-2542

-----Original Message-----

From: Parks, Michael [<mailto:Michael.Parks@fanurobotics.com>]  
Sent: Tuesday, April 29, 2008 11:04 AM  
To: Paul Shumejko  
Cc: Mayors Office@rochesterhills.org; Marc Matich  
Subject: RE: FW: Rochester Hills Website Feedback - Crooks/Hamlin Intersection

Mr. Shumejko,

Thank you once again for looking into the timing at this intersection. As a citizen, I am very [pleasantly] surprised at the attention that has been given to my feedback - I honestly cannot ask for anything more from my local government!

Of course, I was hopeful that the investigation would lead to better throughput in that area; but it is clear that this will not be possible until the funding becomes available for the other projects you indicated in a previous email.

Sincerely,

Mike Parks  
Rochester Hills Resident

-----Original Message-----

From: Paul Shumejko [<mailto:shumejkop@rochesterhills.org>]  
Sent: Tuesday, April 29, 2008 8:38 AM  
To: Parks, Michael  
Cc: Mayors Office@rochesterhills.org; Marc Matich  
Subject: FW: FW: Rochester Hills Website Feedback - Crooks/Hamlin Intersection

Hello Mr. Parks:

This is the follow-up email we received from RCOC regarding their consultant's review of the signal timing at Hamlin and Crooks Road. As discussed earlier, the signal is functioning at maximum capacity given the current geometrics of the intersection.

Sincerely,

Paul G. Shumejko, P.E., PTOE  
Transportation Engineer  
City of Rochester Hills  
Ph: (248) 841-2489  
Fax: (248) 656-4758  
Website: [www.rochesterhills.org](http://www.rochesterhills.org)

-----Original Message-----

From: Marc Matich  
Sent: Monday, April 07, 2008 9:31 AM  
To: Danielle Deneau  
Cc: Paul Shumejko; Charlotte Taravella; Paul Davis; GPiotrowicz@RCOC.org  
Subject: RE: FW: Rochester Hills Website Feedback

Thanks Danielle we really appreciate your efforts and following through on the study. We'll have to concentrate and work on pushing the Crooks Road widening project.

-----Original Message-----

From: Danielle Deneau [<mailto:ddeneau@rcoc.org>]  
Sent: Monday, April 07, 2008 8:55 AM  
To: Marc Matich  
Cc: Paul Shumejko; Charlotte Taravella  
Subject: RE: FW: Rochester Hills Website Feedback

Hi Marc -

Our SCATS consultant looked at the traffic signal timing when he was here in late February. He worked with our engineers and adjusted the offsets to get better progression through the Crooks Road corridor, from Square Lake to Hamlin. He agreed that the signal is operating over capacity and is running the best it can right now.

Danielle

>>> "Marc Matich" <[matichm@rochesterhills.org](mailto:matichm@rochesterhills.org)> 3/3/2008 2:42 PM >>>

Danielle,

Per our discussion this morning at SEMCOG's meeting. Were satisfied with your recommendation to have SCATS consultant review the signal timing for the intersection of Crooks & Hamlin as part of Crooks Road corridor.

After the SCATS consultant has completed their review and analysis.

Would you please advise of any signal modification or changes. Based upon your comments we will determine if any further intersection improvements need to be considered. Thanks again for your assistance to have the consultants study this intersection.

Marc

-----Original Message-----

From: Danielle Deneau [<mailto:ddeneau@rcoc.org>]

Sent: Sunday, February 24, 2008 12:51 PM

To: Marc Matich

Cc: Paul Shumejko; Charlotte Taravella

Subject: Re: FW: Rochester Hills Website Feedback

Marc -

The signal timing at Crooks and Hamlin will be reviewed next week. Our SCATS consultant will here all next week and one of the corridors for review will be Crooks from Long Lake up to Hamlin. Currently we adjust the signal timing at this intersection in the AM & PM to give Crooks as much time as possible. We'll see if we can make it any better next week - no guarantees though.

I also talked with Gary about the left turn phasing at this intersection. He feels a flashing yellow arrow may help the operation out there slightly, but he doesn't think it will make it too much better. He didn't think modeling the intersection would have much results. His only suggestions were a dual WB left and longer NB right lane might help. The signal is just over capacity. If you would like us to try and model something along these lines, let me know and I'll see if Chuck's group can take a look at this.

Thanks

Danielle

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**From:** Paul Shumejko

**Sent:** Friday, February 15, 2008 11:53 AM

**To:** Parks, Michael

**Subject:** RE: Rochester Hills Website Feedback - Traffic Signal Timing along Crooks and Livernois

Hi Mike:

The Crooks Bridge widening project was originally scheduled to be constructed in conjunction with the widening of Crooks from Square Lake up to Hamlin. When Gov. Granholm came into office she implemented an MDOT policy of "preserve first" that pulled the funding for the bridge work, which in turn forced the RCOC to hold off on Crooks from M-59 to Hamlin because this segment can't be constructed without the widened bridge.

The widening of M-59 to 3 lanes in each direction from east of Crooks to Ryan was also deferred due to the "preserve first" policy. As it stands now, there is no funding for the M-59 widening and MDOT currently has 2014 as a placeholder date for construction. In terms of priority, MDOT will fund the widening of M-59 prior to the Crooks Road bridge widening. Therefore, Crooks Bridge widening will not be funded until after the M-59 widening project and means that Crooks Road bridge won't be constructed until sometime after 2014 unless funding sources become available or if the "preserve first" policy is modified.

Sincerely,

**Paul G. Shumejko, P.E., PTOE**  
**Transportation Engineer**  
**City of Rochester Hills**  
**1000 Rochester Hills Drive, MI 48309**

**Phone: (248) 841-2489 Fax: (248) 656-4758**  
**Email: [shumejkop@rochesterhills.org](mailto:shumejkop@rochesterhills.org)**  
**Website: [www.rochesterhills.org](http://www.rochesterhills.org)**

-----Original Message-----

From: Danielle Deneau [<mailto:ddeneau@rcoc.org>]  
Sent: Thursday, February 14, 2008 8:29 AM  
To: Marc Matich  
Cc: Paul Shumejko; Charlotte Taravella  
Subject: Re: FW: Rochester Hills Website Feedback

Marc -

This involves a review of more than just me. I will talk to our traffic safety department this week and we will get back with you.

Danielle

>>> "Marc Matich" <[matichm@rochesterhills.org](mailto:matichm@rochesterhills.org)> 2/12/2008 12:05 PM >>>  
Hi Danielle,

The following email was received through our Mayor's Office regarding the signal timing for Crooks & Hamlin. Paul Shumejko will be preparing a responds to the sender advising that we will be forwarding this complaint to your attention. However, in the mean time could you initiate a review of the signal timing to determine if we can optimize the timing for Crooks Road? If it's your opinion that the signal is already optimized for Hamlin & Crooks due the protective left turns then would you be able to advise at what level of service the signal is currently operating during AM & PM peaks so we can determine what road widening maybe necessary. Thank you.

Marc

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**From:** Parks, Michael [<mailto:Michael.Parks@fanucrobotics.com>]  
**Sent:** Wednesday, February 13, 2008 11:20 AM  
**To:** Paul Shumejko

**Subject:** RE: Rochester Hills Website Feedback - Traffic Signal Timing along Crooks and Livernois

Mr. Shumejko,

Thank you very much for taking the time to respond to my email. As an engineer myself, I understand that there is often more to the story than meets the eye. From an end-user standpoint, it has appeared that these intersections are a bottleneck that may benefit from timing tweaks. As a result, I figured that we should not gripe about the problem if we do not first ask if anything can be done... which prompted my inquiry.

It sounds like the Hamlin project will help resolve some of the traffic problems; but, the real solution is probably the Crooks bridge-widening project that is on hold. I suspect that this is on hold by the same group that put the project to widen M-59 to three lanes on hold.

I hope that the RCOC investigation results in a timing change that makes things a little better. Even with the FAST-TRAC system in use, it seems like there would still be some setup for the times when traffic is backed-up in both directions. I am sure that there is a priority system as well as green and left turn times for this condition.

Thanks again for looking into this.

Mike Parks

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**From:** Paul Shumejko [mailto:shumejkop@rochesterhills.org]  
**Sent:** Wednesday, February 13, 2008 10:52 AM  
**To:** Parks, Michael  
**Cc:** Mayors Office@rochesterhills.org; Marc Matich; Paul Davis  
**Subject:** RE: Rochester Hills Website Feedback - Traffic Signal Timing along Crooks and Livernois

Hello Mr. Parks:

I am following up with your email, on behalf of the Mayor's Office, regarding the traffic signal timing along Crooks Road from Hamlin to Avon and along Livernois Road at its intersection with Hamlin Road. The traffic signals within Rochester Hills are operated and maintained by the Road Commission for Oakland County (RCOC). We have made request to RCOC to investigate the current signal timing for these intersections to verify if it can be optimized further. The Crooks/Hamlin intersection has been problematic due to the lack of capacity at this intersection and the need for protected left-turn phasing. The overriding problem is that there is an insufficient number of thru lanes. The project to widen the Crooks Road bridge over M-59 and the widening of Crooks up to Hamlin has been deferred until further notice from MDOT and RCOC. The City is moving forward with its project to widen Hamlin Road from just east of Crooks to Livernois, including a roundabout at the intersection of Hamlin and Livernois. The Hamlin Road project is currently moving forward for an anticipated 2009 construction season. The construction of the Roundabout at Hamlin and Livernois will improve traffic flow and safety at this location.

The signals in Rochester Hills are not pre-timed and utilize the system FAST-TRAC (**Faster And Safer Travel Through Routing and Advanced Controls**) with AUTOSCOPE cameras for vehicle detection. The cameras detect vehicles in real-time and the signal timings are adjusted accordingly. The timing of the signals are based on corridor vehicle progression and not necessarily an isolated intersection. Sometimes the signal timings need to be 'tweaked' a bit, however, I believe that the intersection of Crooks and Hamlin has been reviewed several times in the past several years and that the signal has been optimized.

Once we hear back from RCOC I will forward you the result of their investigation into the signal timing. If you have any further questions please feel free to contact me.

Sincerely,

**Paul G. Shumejko, P.E., PTOE**  
**Transportation Engineer**  
**City of Rochester Hills**  
**1000 Rochester Hills Drive, MI 48309**

**Phone: (248) 841-2489 Fax: (248) 656-4758**  
**Email: [shumejkop@rochesterhills.org](mailto:shumejkop@rochesterhills.org)**  
**Website: [www.rochesterhills.org](http://www.rochesterhills.org)**

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From: Charlotte Taravella On Behalf Of Mayors Office@rochesterhills.org  
Sent: Monday, February 11, 2008 8:43 AM  
To: Paul Shumejko; Marc Matich  
Subject: FW: Rochester Hills Website Feedback

Paul,  
Can you provide us with a response for Mr. Parks?

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From: Parks, Michael [<mailto:Michael.Parks@fanurobotics.com>]  
Sent: Friday, February 08, 2008 2:58 PM  
To: Mayors Office@rochesterhills.org  
Subject: Rochester Hills Website Feedback

To Whom It May Concern:

This email is in reference to traffic light timing on certain main roads. If this is not the proper channel for directing this kind of feedback, it would be greatly appreciated if you would forward this email on the appropriate person / department.

Issue:

With the completion of the Crooks Rd. construction (between M-59 and Square Lake), it has become very apparent that a timing issue exists at the Hamlin Rd. intersection. The North/South traffic is consistently backed-up during high volume times to an extent that is disproportionate to the East/West traffic. It is so bad that it sometimes takes 15 - 20 minutes to get through the Hamlin Rd. intersection from Avon Rd. on Crooks. Additionally, this same phenomenon is experienced at the Livernois / Hamlin intersection.

Resolution:

It seems that additional 'green light' time could be given to the North/South traffic on both Crooks and Livernois to alleviate this backup situation. It may also be necessary to adjust the two traffic signals on either side of the Crooks Rd. M-59 overpass. The ultimate goal should be to reduce congestion on the main North/South roads without significantly affecting the East/West traffic.

I suspect that engineers may have originally planned for more traffic through the Hamlin corridor that feeds Squirrel Rd. in the area of the Chrysler Tech. Center. Additionally, it may have been thought that the Adams Rd. M-59 interchange may have increased the traffic flow on Hamlin. Neither of these seem to be the case.

While I work in Rochester Hills (at FANUC Robotics on Hamlin Rd. coincidentally) and do not personally experience these issues, my wife uses these North/South roads daily and often vents her frustrations about the ill-timed lights.

It is understandable that you cannot possibly monitor traffic patterns everywhere; furthermore, you cannot do anything about problems if you are not aware that they exist. I am hoping that something may be done about this by letting you know about the problem.

Feel free to contact me at any of the numbers below if you have questions or need further information.

Thanks,

Mike Parks

Home: (248) 375-0457

Office: (248) 377-7812

Mobile: (248) 330-6761