

HARRISON TOWNSHIP



6750 Outville Road - Pataskala, OH 43062 Phone (740) 927-8277 Fax (740) 927-8251

August 16, 2009

To: Residents of Roland Estates, Water Shed Land Owners near Kelly Marie Drive, Licking County Commissioners, Licking County Engineer, Licking County Soil and Water Conservation District

**Re: Roland Estates Ditch Petition
Initiated in 2008**


Dear Residents et al:

The Harrison Township Trustees have received information that we feel will render our need for a ditch petition, moot. Enclosed, please find two letters. One is from the Licking County Soil and Water District. The other is our intention to withdraw our request for the ditch petition to the Licking County Commissioners. Please read the letters and, if you have any questions, plan to attend our regular Harrison Township Trustee's meeting on OCTOBER 5TH AT 7:30 pm. We will present our findings and our intentions and invite you to enter the discussion. The Harrison Township Trustees' ultimate goal is to proceed in a fashion that we hope will mitigate the water problem without a great financial burden to any of our residents.

We have already requested an engineering study with recommendations from the Licking County Engineer's Office. They propose, at the outset, that the setting of culverts, the opening of ditches and other recommended remediation methods, could be done to accommodate future elevations and other possible construction options. As stated in the letter from the Soil and Water District, these are options that they believe provide the maximum initial benefit while offering the most cost effective return. These suggestions are currently being discussed and designed by the Engineer's office.

We further intend to solicit bids for this project from licensed contractors capable making these improvements to the drainage along Kelly Marie at a cost acceptable to the Trustees.

Respectfully,


**Larry Kretzmann, Chairman
Harrison Township Trustees**

TRUSTEES: Ray Foor, Larry Kretzmann, Eric Smith **FISCAL OFFICER:** Carolyn Elder

July 7, 2009

Licking County Commissioners
Mr. Smith, Mr. Bubb and Mr. Feightner
The Don Hill Administration Building
20 S. Second Street
Newark, OH 43055

Re: Harrison Township Ditch Petition for Roland Estates

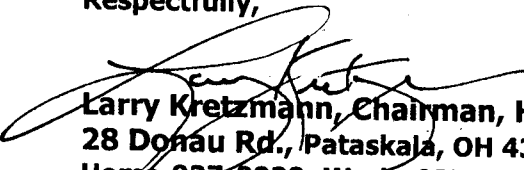
Dear Sirs:

The Harrison Township Trustees are in receipt of a letter from the Licking County Soil and Water Conservation District signed by Bill Lozier and Dan Blatter. I believe you were made aware of the matters in question. It is the consensus of the Harrison Township Trustees that the extensive research conducted by the Soil and Water District and the Licking County Engineer's Office has produced no compelling evidence that the monies we have pledged to any project of this magnitude will remedy the problem.

It is therefore our intent to withdraw our Ditch Petition for Roland Estates (specifically the area in the watershed including Kelly Marie Drive). We are unsure if that will require an additional hearing, but we intend to hold another public hearing of our own and inform the residents of our intentions. We further propose to address the problem with a less extensive solution including contracting some ditch cleaning and culvert replacement. Subsequent to that meeting, we will formally (probably in your chambers) withdraw our petition.

We are grateful for your continued patience with the process and the assistance of both the Licking County Engineer's Office and The Licking County Soil and Water Conservation District Office in our pursuit of a solution.

Respectfully,


Larry Kretzmann, Chairman, Harrison Township Trustees
28 Donau Rd., Pataskala, OH 43062
Home-927-0028; Work- 927-0082

CC: Ray Foor, Trustee -9397 Wesleyan Church Rd, Pataskala, OH 43062 (740-927-3036)
Eric Smith, Trustee-7276 Beecher Rd, Pataskala, OH 43062 (740-927-7879)
Mr. Tim Lollo, Licking County Engineer
Mr. Bill Lozier and Mr. Dan Blatter, Licking County Soil and Water District

June 29, 2009

Harrison Township Trustees
6750 OUTVILLE RD SW
PATASKALA OH 43062-9524

Re: Roland Estates Petition Ditch

Honorable Trustees:

Over the past many months the Licking County Soil and Water Conservation District and the Office of the Licking County Engineer have been studying the drainage problems in the Roland Estates Subdivision in response to the petition you submitted for drainage improvements there. Several proposals have been made, but none seem to address the many issues completely and in an economical way. Licking County Deputy Engineer, Bill Lozier, sums up the situation:

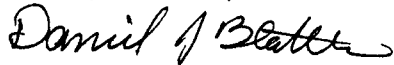
After an exhaustive engineering analysis, no reliable improvements to the Roland Estates drainage outfall system can be made either through gravity flow or by pumping. Any grade correction would only yield 0.17 percent slope on the outfall ditch along Kelly Marie Drive downstream to Outville Road. Consideration was given to constructing a detention basin and pumping the low flow, but it was determined that the soils in the area just west of Outville Road were not suitable for detention pond construction, and that the water table is so high that the energy and maintenance costs for the size of the pump required would not be practical.

An additional field survey revealed that the slope of the outfall channel does increase downstream (east) of Outville Road. It was determined that channel improvements would be required downstream another 800' east of Outville Road, to a point that would provide 0.3% slope on the outfall ditch, beginning at the west end of Kelly-Marie Drive. This slope would be within the acceptable minimum range, as the typical minimum value for ditch slopes should range between 0.25-0.5%. However if this additional length of ditch improvement was pursued, an analysis of the impacts to the downstream properties would have to be performed. Since the upstream flow is currently being detained because of the flat slopes of the ditches, the increase in the peak discharges created by the ditching project may flood several residents downstream. Also, ditch work to a point this far downstream would improve the drainage conditions for the residents along Kelly-Marie Drive, but it would also significantly increase the number of upstream residents within the watershed area of the improvements. These additional properties would not gain any direct benefit from the project but would be subject to assessment since they are within the drainage area of the ditch. This would certainly create even more objections from the owners of these additional properties if they were to be assessed for the ditch project.

Therefore, the best short term solution would be to make an interim improvement within the road right of way along Kelly Marie Drive. As previously discussed, these improvements could include upsizing the driveway pipes, and/or opening the ditches by removing the undersized pipes. By doing this, the controversial ditch petition process would not be necessary in the short term, and the additional ditch capacity may improve the flow conditions. If not much improvement is realized, the pipes and ditch grades would still be constructed with elevations that would meet the long term solution by setting the pipe elevations lower, at the proposed future grades.

William C. Lozier, P.E.
Deputy Engineer
Office of Licking County Engineer
20 South Second Street
Newark, Ohio
740-670-5288
740-258-3953

Feel free to contact either Mr. Lozier or myself concerning these observations and conclusions, as well as how you would wish to pursue the petition from this point.



Daniel J. Blatter
District Engineer, Licking County Soil and Water Conservation District
740-670-5334