

## **JULY 20, 2018, ROAD CONSTRUCTION UPDATE**

**There have been many reports of people driving much faster than the speed limit now that the roads are smoother. There was also an accident over the weekend where someone ended up in a member's yard after they lost control. Speeding in a residential area is unacceptable and dangerous to your fellow members. Slow down and drive the speed limit before someone is injured. Additional speed bumps have been requested; they cost the membership \$6000 per speed bump. In reality, these are band-aids, but will be considered by the board. If you'd like to save money, please work with your neighbors and fellow drivers to encourage others to slow down.**

### **Secondary Roads Update (all roads except Heritage and Westminster to Wilshire Wood)**

- **Tilling**
  - All the secondary roads have been tilled
  - Some have received oil, and some will continue to receive it in the coming days. On July 19th, the contractor was working in the area around Brandy Dr. They're working counter clockwise from the dam, so some of the roads on the north side of the subdivision will start to see oil in the next few days. PLEASE DRIVE SLOWLY.
  - The oil will sit on the road for a minimum of 2 days before anything else is done. It may sit longer depending upon the contractor's schedule and the other roads receiving work.
  
- **Seal Coat**
  - On July 19th, the first layer of seal coat (oil and rock) was applied to all reconstructed streets starting at Martinique and ending at Cornwall
  - It will continue July 20th starting with Cornwall and Cheshire, and continuing counter clockwise around Heritage Dr to Beechwood and Jamaica.
  - It will then continue around the area of Wilshire Wood and Westminster, and the connected streets either late on the 20th or July 23rd.
  - The next areas will be the area around Brandy Dr and the connecting roads on July 24th and 25th, then continuing to the streets on the north side of Heritage Lake.
  - This layer of seal coat will sit for 2-3 weeks before the final layers are applied.
  
- **Primary Roads Update - Heritage and Westminster to Wilshire Wood Only**
  - Starting on July 23rd, Heritage Dr and Westminster Dr (between Heritage and Wilshire Wood only) will be tilled, cement stabilized, shaped, and oiled.
  - This will be the most difficult part of the project because these streets are main routes for many members.
  - It's highly recommended to:
    - Avoid Westminster entirely if possible, local traffic only
    - Avoid Heritage Dr between the dam and Brandy Dr, local traffic only

- Utilize the Kenton entrance off Hild Rd. slowly, the speed limit is 20 MPH
  - The contractor has come up with a solution to keep the roads as open as possible, but they may be closed for 1-3 hours at a time.
  - Of course, provisions will be made for emergency traffic if needed
- **Description of the process:**
    - Aggregate is added to the old road surface where required on the engineering plans (done)
    - The additional aggregate, old road surface, and existing base are tilled (think large garden tiller). Portland cement is added and mixed in during the tilling process. The cement increases the compression strength of the road base.
    - Once tilled, it is watered, shaped, and compacted
    - Immediately, oil is applied to the surface to allow the cement to breathe and cure slowly. Similar to how a concrete driveway needs time to cure.
    - Immediately after the oil is applied, CA-16 pea gravel will be added on top of the oil to allow traffic to use the street and reduce the chances of the oil sticking to tires. This is basically a seal coating process.
    - Surface will be allowed to cure for a week.
    - Next, two layers of seal coat will be applied, similar to the other streets receiving seal coat.
    - After the two layers of seal coat are allowed to settle for 1-2 weeks, a final seal coat layer will be applied. This will be the final surface.
  - None of the roads in Heritage Lake will receive an asphalt surface, they will all be seal coat like the north side of Heritage Dr and the other streets that were resurfaced in 2016 and 2017. Asphalt was removed from the engineering plans in mid-2016 due to cost and maintenance concerns.