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**From:****Sent:** Thursday, March 12, 2020 11:19 AM**To:** Huaracha, Ernesto <[EHuaracha@lakecountyil.gov](mailto:EHuaracha@lakecountyil.gov)>**Subject:** 120 and Fairfield road

Ernesto, you are wonderful. Your maps and explanations made perfect sense when put together. The problem is most definitely an IDOT issue. I called and they are coming out to meet with me. Thank you so much for taking the time to break it down into layman's terms.

I will stay on IDOT until it is resolved.

I appreciate your willingness to escalate this. Thank goodness it is an easily resolved issue with IDOT and will not be necessary at this point to trouble anyone else. If it turns out the problem does not resolve with the steps they are to take, I will most certainly be in touch with the contact you sent me with PB&D for further assistance.

Thanks again

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**From:** Huaracha, Ernesto**Sent:** Wednesday, March 11, 2020 2:02 PM**To:****Cc:****Subject:** Walk-in Call Follow-up for W IL ROUTE 120 GRAYSLAKE IL 60030

Good afternoon,

In follow up to your phone call in regards to (24430 W IL ROUTE 120 GRAYSLAKE IL 60030), the following are items that we discussed.

- **Local Data** The map and GIS data we used can be located here Lake County GIS data <https://maps.lakecountyil.gov/maponline/>. A PDF tutorial is available here: <http://maps.lakecountyil.gov/output/reports/FeatureSelectionHelp.pdf>.
  - Parcels -> Tax Parcel Lines.
  - Topography -> 1ft Contours (2007)
  - Water -> Lake County Wetland Inventory
- Local Drainage Area
  - Based on the description of the water pooling at the driveway North of 120, it looks like the

water flows East about 450 feet then South under IL 120 before passing through the farm fields then heading West under Fairfield Rd.

- The blue lines indicate presumed flow based on topography. The redline is an approximate ridge or high point separating which way the water flows.
  - If there is water pooling at the culvert running North to South under IL 120 then IL DOT is the owner and should investigate.
    - Contact info we have IDOT Grayslake Yard 847-223-4004.
  - If there is water pooling on the South side of IL 120 then maybe there is a surface blockage in the farm fields.
    - Lake County PB&D works with Unincorporated Lake County and they may be able to guide you. 847-377-2114 or 847-377-2600.
  - Unfortunately it looks like the culvert under your driveway drains West to East and does not have drainage positive toward the Lake County DOT stormsewer drop inlet which is at the North East Corner of Fairfield and IL 120. The LCDOT pipe drains East to West under Fairfield. There may be blocked culverts from West to East which may also be IDOT since its ROW.
- Depending on the observations noted, you may be able to see which option above is applicable.



If you have any additional questions please let us know thanks.

**Ernesto Huaracha, NGICP**

Water Resource Professional

[Lake County Stormwater Management Commission](#)  
[500 Winchester Road, Ste 201, Libertyville, IL 60048](#)

Office: 847-377-7700 | Direct: 847-377-7715

[Lake County SMC](#) Website

[Municipal Advisory Committee\(MAC\)](#) Website