

# Construction Update

Interested in following along with Village construction projects, as well as regional road construction projects? The Village of Gurnee provides an update of local projects on a periodic basis. You can also check out the [Road Construction Updates webpage](#).

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## VILLAGE OF GURNEE PROJECTS



### **Almond Road Delivery Station & PRVs**

Contractor is continuing to make progress on site at the location of the new delivery station on Almond Road. Internal piping, controls and pumps are being installed over the next few weeks. The sidewalk along the pressure reducing valve (PRV) on Almond Road has been reinstalled and electrical service work to connect to the PRV continues. The second PRV installation began along Foxworth Lane at the entrance to the Stonebrook Subdivision. The concrete pad was poured and contractor will set the PRV in the excavation this week. Traffic control will be necessary at this location while construction is underway. The sidewalk on the north side of Foxworth will remain closed for the duration of the construction. The contractor on this project is Boller Construction Co, Inc. Together with Village staff we have been working to minimize impacts to residents' water supply during the installation.

### **Ferndale Road Water Main and Storm Sewer Project**

Watermain installation began this week on the west side of Ferndale and the contractor continues to install storm sewer working northward. Construction equipment is primarily focused between Grandview and Grandville this week. Access to driveways will be maintained during construction for residents as much as possible.

### **2019 Street Maintenance Program**

Paving work continues throughout the Village. This week construction work is scheduled on Estes, Ellis, Williamsburg, Angelo, Cornell, Dada, Gurnee Glenn, Scarborough, Harper, Jefferey, and Woodlake. Next week surface is scheduled to be placed on Clavey, Clarewood/Brentwood Area, Kingsport and Laurel (weather permitting).

Milling work involves a moving operation along the roadway where multiple trucks will be traversing throughout the area, the Village recommends that residents proceed with caution when traveling along the roadways during construction as this is an active construction zone. Once the existing wearing surface is milled away staff evaluate the remaining base and determine the extents of patching and repairs necessary to stabilize the road base. Paving will include two lifts of asphalt. Once the final surface lift of the asphalt is completed the final landscaping

and any pavement striping necessary will take place.

This project involves the resurfacing of approximately 5 miles of Village roadways and various locations of asphalt and concrete roadway patching. The Village will continue to keep affected residents informed through door hangers as the contractor moves throughout the Village.

During the months of May and June we experienced a significant number of rain days which have delayed the project completion date. Based on the amount of outstanding work, we are now expecting paving work to continue through September.

### **Providence Village Drainage Improvements**

In April, Village staff met with the adjacent property owner and their engineer. The engineer has requested some information from the Village which was shared to help their review. The intent of discussion with the adjacent owner and engineer was to offer ideas to divert some of the stormwater around the property rather than discharging flow through Providence Village. The Village has entered into a contract with that engineering consultant to provide a design for the drainage diversion swale around the Providence Village neighborhood.

In addition, the Village completed storm sewer improvements near Middle Road and Cross Road to promote storm sewer conveyance to the west and had additional curb inlets installed on Majestic Court to collect roadway drainage. The storm sewer, sidewalk and curb installation is complete. Roadway patching will be completed when pavement work on Calvin and Majestic takes place and landscape restoration will follow.

### **Knowles Road Water Tower**

The water tower construction continues as the top bowl of the tower is being lifted into place this week and then welded together. The overall schedule has shifted slightly and the tower will be fully erected in August, but it will not be functional until the end of this year. After the tower installation is complete, it will be painted.

The Knowles Road Water Tower is being built to increase the overall capacity of

our entire water system from six million gallons up to eight million gallons, and increase water pressure for customers on the western limits of Gurnee from 30-50 pounds per square inch (PSI) up closer to the average community-wide pressure between 70-80 PSI.

### **Sidewalk Improvements**

#### **Full Removal & Replacement -**

The sidewalk construction project under contract with Schroeder & Schroeder is nearly complete. The contractor is now addressing any final touchups to close out this project. This contract improved approximately 11,800 square feet of sidewalk in the Village that was identified through the sidewalk inspection program as posing a significant hazard.

#### **Lifting Settled Sidewalk -**

The Village also has a contract for mudjacking where settled segments of sidewalk are lifted back into place by pumping material under the sidewalk. This year the Village is under contract with Atlas Concrete Lifting, Inc. to provide this service. The contractor continues to make his way through the list and has currently lifted 112 sections of sidewalk. For a map of the sidewalk locations receiving this type of repair you can check out the construction updates website.

### **Pavement Condition Assessment**

Earlier this year the Village Board approved a contract to have a pavement condition assessment performed on all of the Village maintained roadway segments. Through this project the contractor, Infrastructure Management Services (IMS), uses their vehicle mounted technology to scan the pavement which then assigns each segment of pavement a pavement condition index (PCI) number. The PCIs are then used by Village staff to plan for future paving projects, helping identify the areas with the lowest ratings. All routes have been traveled and data is now being processed by the contractor.

### **Crack Sealing**

In addition to the annual pavement project, the Village also awards a contract for crack sealing of pavement in locations that do not yet qualify for patching or full removal and replacement. This contract was awarded to Patriot Pavement

Maintenance and we will post more information as the work begins.

### **Pavement Marking**

The annual pavement marking contract was approved by the Village Board and awarded to Precision Pavement Marking, Inc. through a cooperative purchasing program. This contract will provide for any striping including stop bars, crosswalk markings, etc. As part of this work the Village will make pavement marking additions to the roundabout at Dada and Almond to help identify when to yield. The contract also will include installation of pavement markings on Swanson Ct to delineate areas where truck parking is not permitted.

### **Quiet Zone**

The Quiet Zone project has been underway for several years with the goal to eliminate the need for trains to sound their horn disturbing local residents. We are currently awaiting installation of updated equipment at the crossing before we can proceed with the Quiet Zone improvements that the Village will perform. The work by the Union Pacific is scheduled for August 2019. After that is installed the Village can move forward with remaining infrastructure improvements and approvals to designate this as a quiet zone.

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## **LAKE COUNTY DEPARTMENT OF TRANSPORTATION PROJECTS**

### **IL Route 132 and Hunt Club Rd Intersection Improvements**

Intersection work continues with intermittent lane closures for the different construction activities including medians, intersection islands, storm sewer, and electric work. The contractor is focused on the east medians and storm sewer repairs under Hunt Club road. Stay vigilant as traffic patterns adjust to accommodate construction work zones throughout the project.

### **Hutchins Road Bridge Replacement**

The project consists of replacing existing large culverts with a new bridge structure. A 120-day closure with posted detour route will be necessary to

complete the project. There have been a few delays and we will share information as the start date approaches.

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## ILLINOIS DEPARTMENT OF TRANSPORTATION PROJECTS

### IDOT

- [District 1 Project Releases](#)
- [FY2019-2024 Capital Plan](#)
- [Report a Claim](#)

### **UPRR Bridge Replacement at IL Route 132**

The contractor has resumed work on the railroad embankment and will continue as the weather allows. IDOT is anticipating having the redesigned steel completed by late 2019/early 2020 at which time the new structure can be erected. Work would restart on IL 132 once the train traffic is switched over and the temporary bridge demolished. The US 41 exit ramp widening may take place ahead of the steel; however construction involving improvement on IL 132 will likely be delayed until the temporary bridge is removed.

### **US- 41 Resurfacing Project (120 to Dorchester)**

IDOT's resurfacing improvements on US-41 from 120 to Dorchester Ave continue. The first weekend of patching went well and the contractor is scheduled to work again this weekend. Once that work is complete, they will be able to begin the resurfacing operations on the northbound lanes. After all of the weekend work is complete crews will be working nightly through the end of October. The work is scheduled to be completed by the end of November.