



BUILD MACHESNEY
A Blueprint for the Future

**IL 251 East Service Drive Improvements
Construction Update #1
September 1, 2023**

Welcome to the Project!

The Village of Machesney Park is pleased to announce that the IL 251 East Service Drive will be resurfaced through a full-depth reclamation process. Certain areas of the Service Drive will be widened to better accommodate tractor trailer turning movements. The Village is excited to begin the project, and we look forward to working with you throughout the duration of construction.

Scope of Work:

Full Depth Reclamation and Resurfacing of the IL 251 East Service Drive between the north property line of Spider Company and Marlin Drive. To briefly outline the various steps of the project:

- First, the manhole covers/castings will be removed, steel plates will be installed over the manholes and the areas will be backfilled with gravel as a temporary driving surface.
- Next, the upper 2" of pavement will be removed through milling operations.
- Then, a process called "Full Depth Reclamation" (FDR) will then be used to reclaim what's left of the old pavement and aggregate beneath the pavement. FDR is a two-step process. The first step is to pulverize the existing pavement and aggregate in place, which will take a day. The pulverized surface will be compacted and you'll be able to drive upon it shortly after compaction. The second step, which typically occurs the day after, is to repulverize the pavement and add a rejuvenation agent into the pulverized pavement which essentially creates new pavement. Passenger cars will not be able drive on the new pavement for 2+/- hours after the process, and tractor trailers are restricted for about 8+/- hours as the rejuvenation agent needs an initial cure in order to support traffic. The new pavement will then need to fully cure for approximately two (2) weeks before we can place the new asphalt pavement. You will receive notifications before the FDR process starts so you may plan accordingly.
- While the pavement is curing, the roadway will be widened at certain driveways where the shoulders are being used for tractor-trailers entering and exiting.
- The road will then be paved with Hot Mix Asphalt, and new pavement markings and shouldering will be installed.

(over)

During Construction:

1. The type of construction being undertaken for this project is inherently time-consuming and difficult. The first rule of construction is that **everyone goes home to their families at the end of the working day**. Everyone includes you, the contractor, and all who traverse the project area. **PLEASE** exercise caution, drive slowly through the construction zone, and always remember the first rule of construction.
2. We will distribute construction updates throughout the course of the project to (1) keep you informed of construction activities and, (2) to help you plan appropriately. You will generally receive one update per week typically towards the end of the week. However, there will be times when you will receive multiple updates in the same week, especially when we undertake the FDR Process. Updates will also be available on the Village's website at <https://machesneypark.org/construction-alerts-updates/>.
3. There will be times, mostly during the Reclamation Process, that traffic will be restricted from using the Service Drive. You will receive a notice a day ahead of time, and the Contractor will have personnel on site to help manage and direct traffic.
4. It takes approximately two (2) weeks to fully cure the reclaimed pavement. "Wash Boarding" can sometimes develop during the curing process, and if it does please drive slowly to minimize further wash boarding.
5. Mail will continue to be delivered throughout the project. There may be times when the construction activity interferes with day-to-day delivery so mail may be delivered at different times of the day.
6. We will do our best to let you know 24 hours in advance of foreseeable issues that will affect you, so that you may plan appropriately.
7. There are many things that can affect the construction schedule....weather being the most predominant. If we lose a day (or days) due to weather conditions, the schedule that we provide in the update will obviously shift by the same number of days lost to weather.
8. Construction materials and machines will be stored within the right of ways during construction. There may be times when it may be difficult to see due to the storage of materials and machines.

Contractor: Rock Road Companies, Inc.
Contact: John Bicard, (608) 752-8944

Engineer: McMAHON (815) 636-9590
Contact Chris Dopkins

Project Schedule: September 6th through October 13th

September 5th – September 8th:

- The Contractor will remove the manhole castings. The areas where the castings are removed will be backfilled with gravel.

Looking Ahead September 11th – September 15th

- The top 2" of pavement will be removed early in the week.
- The FDR is tentatively scheduled for early to mid-week.
- More details will be provided in next week's update.

We hope you have a Happy and Safe Labor Day Weekend!

