

ORLAND PARK

**151st Street from West Avenue to
Ravinia Avenue**

July 19, 2021 Update

Project Limits



Scope of Work

- Reconstructed and widened 151st St. with asphalt pavement and curb and gutter.
 - New Roundabout at 151st St. and West Ave.
 - One lane in each direction with center two-way left turn lane
 - Left turn lanes at El Cameno Real Dr.
 - New right turn lane at south leg of Ravinia Ave
-



Scope of Work

- Watermain and water service replacements
- New closed storm sewer system to replace existing ditches
- Permanent traffic signals at 151st St. and Ravinia Ave.
- Street lighting improvements
- Sidewalk, driveway and landscaping improvements



Project Funding

- Two general funding sources being utilized for this project.
 - \$2,680,000 (maximum) in Federal STP Funds have been secured for the road construction costs.
 - Village Funding accounts for the remaining portion of the road construction costs and 100% of the water main related costs.
- PT Ferro Construction was awarded the contract valued at \$4.65M.
- The final construction cost is estimated at \$5.23M. This includes change orders and Comcast delay related costs.
- The Village's final share for construction is estimated to total \$2.55M.
- The Village is responsible for 100% of construction engineering costs. Total construction engineering costs = \$486k (\$394k per original agreement + \$92k related to Comcast delay).

-
- Total estimated village cost for project construction and construction engineering = \$2.04M



Comcast Project Delay

- Original project schedule included all road reconstruction work and substantial completion in November 2020.
- Project was delayed starting in July 2020 due to Comcast's delay in aerial relocation work at 151st St. and Ravinia Ave.
- Comcast was notified of the 151st St. project schedule in February 2020, did not attend the IDOT preconstruction meeting hosted on 3/23/20, and did not attend the on-site utility coordination meeting hosted on 5/4/20.
- Comcast was unresponsive with the relocation work until August 2020 and finished delay related work in September 2020.
- Substantial project completion was delayed until August 2021 due to Comcast.
- Delay associated costs incurred are estimated to be \$272k (\$70k for 2020 construction related costs + \$110k for 2021 construction related costs + \$92k for additional construction engineering).



Construction Work ~~Completed~~

- Watermain and services along 151st St. and West Ave.
- Storm sewer along 151st St. and West Ave.
- New curb and gutter and asphalt binder course for 151st St., West Ave. and Ravinia Ave.
- Completion of work that required traffic detours.
- Partial completion of the new Roundabout at 151st St. and West Ave.
- Sod placement for 70% of 151st St. between West Ave. and Ravinia Ave.
- Sidewalk and driveway aprons along 90% of 151st St., West Ave., and Ravinia Ave.
- Electrical work for new traffic signals at 151st St. and Ravinia Ave.
- 90% of the street lighting improvements along West Ave. and for the Roundabout.
- Roadway reconstruction for the northeast quadrant of the 151st St. and Ravinia Ave. intersection.

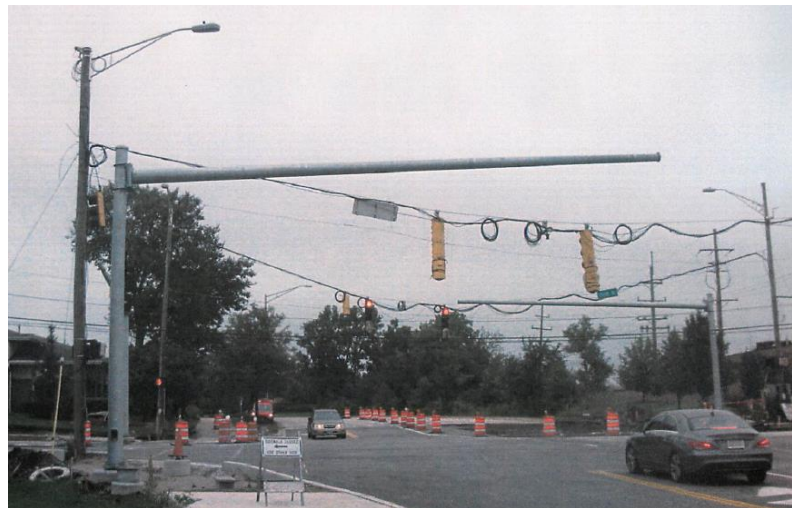


Construction Photos

On 7/13, two-way traffic was available throughout the project and the detours were removed.



Construction Photos



Work In Progress and Remaining

- Completion of the new Roundabout with decorative colored stamped concrete.
- Reconstruction at the Northeast corner of 151st St. and Ravinia Ave.
- Finish installation and turn on traffic signals and street lighting at 151st St. and Ravinia Ave.
- Street lighting along West Ave. and for the Roundabout.
- Final asphalt surface course along 151st St., West Ave. and Ravinia Ave.
- Completion of remaining sidewalk and final lift of asphalt for driveways.
- Permanent pavement markings and signage.
- Trees, plantings, and remaining Sod along 151st St., West Ave., and Ravinia Ave.



Work In Progress and Remaining

Contractor's Week by Week Schedule Produced on 7/13/21

151st Remaining Work	7/12	7/19	7/26	8/2	8/9	8/16	8/23
	7/17	7/24	7/31	8/7	8/14	8/21	8/28
NEX 151st & Ravinia	x	x					
151st & Ravinia Signal & Lights	x	x	x				
151st & Ravinia Sidewalk				x			
151st & West Exc. & Stone	x	x					
151st & West Concrete		x	x	x			
Final Surface Course					x		
Thermoplastic pavement markings					x		
Final Landscape (Temp. Dependent)						x	x
Trees & Plantings Next Spring							

- Northeast corner of 151st St. and Ravinia Ave. completion scheduled for week of 7/19.
- Traffic signals and street lighting at the 151st St. and Ravinia Ave. completion scheduled for 7/31.
- Roundabout islands and medians completion scheduled for 8/7.
- Final lift of Asphalt and permanent pavement markings completion scheduled for 8/14.
- Remaining sod completion scheduled for late August / early September.
- Final Trees and shrubs planted in Spring of 2022 based on seasonal planting restrictions.



Questions?

