

U.S. Route 45 /LaGrange Rd.

Roadway Widening and Reconstruction Project



Orland Park Village Hall

May 22, 2013

US Rte 45
LaGrange Rd



Illinois Department of Transportation

Planning & Design for U.S. Rt. 45 Project

- Village of Orland Park approached IDOT concerning widening of US Rt. 45 and ultimately advanced the planning study in June 2001 (Phase 1).
- A public hearing on the Phase 1 study was held July 28, 2005.
- Approval to proceed with design and detailed plan preparation (Phase 2) was received in January 2006.
- The project was coordinated with the Federal Highway Admin. thru-out the process to assure federal participation (Federal \$).
- The IDOT-managed advance work construction contracts were let between March 2011 and March 2013.
- The Mainline roadway construction contracts were let in April 2013.



U.S. Rt. 45 Project Description

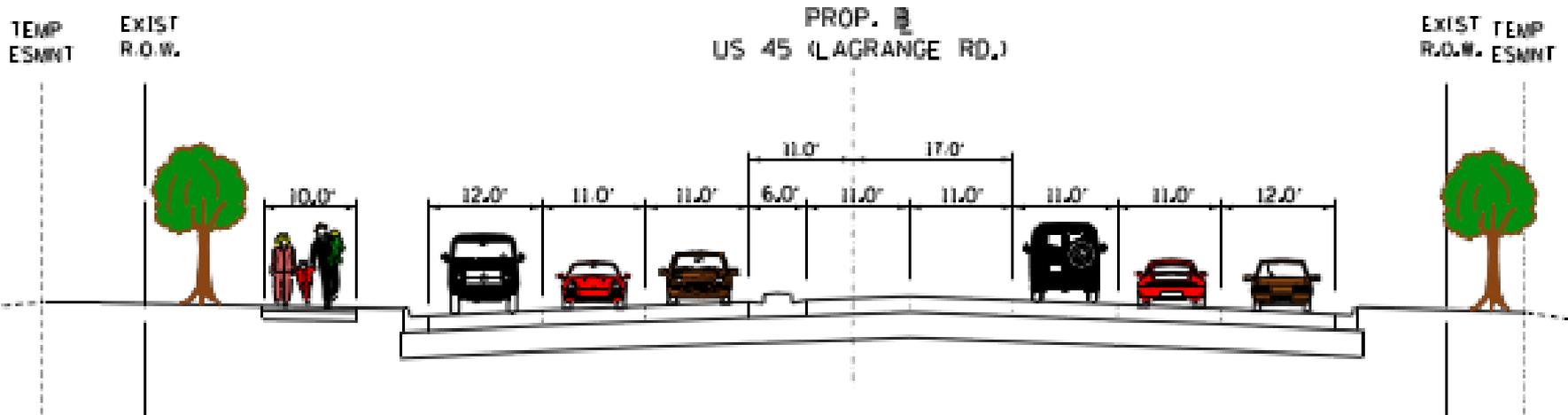
- Widen Pavement: 2 Lanes in each direction currently – will be widened to 3 lanes in each direction with landscaped medians and turn lanes (some dual turn lanes).
- Reconstruct Pavement: Existing pavement will be removed and new pavement will be constructed. New pavement will be 10” jointed PCC pavement on 12” aggregate subbase.
- Sidewalks and Pedestrian Paths included throughout the corridor.
- New storm sewers, street lighting and traffic signals.
- Expected Benefits: Reduced delays, improved travel times and reduction in vehicle collisions.



US Rte 45
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Typical Sections



**PROPOSED TYPICAL SECTION – US ROUTE 45 (LAGRANGE ROAD)
DUAL LEFT-TURN LANES**



IL Rt. 72 / Higgins Rd. in Schaumburg



Illinois 72

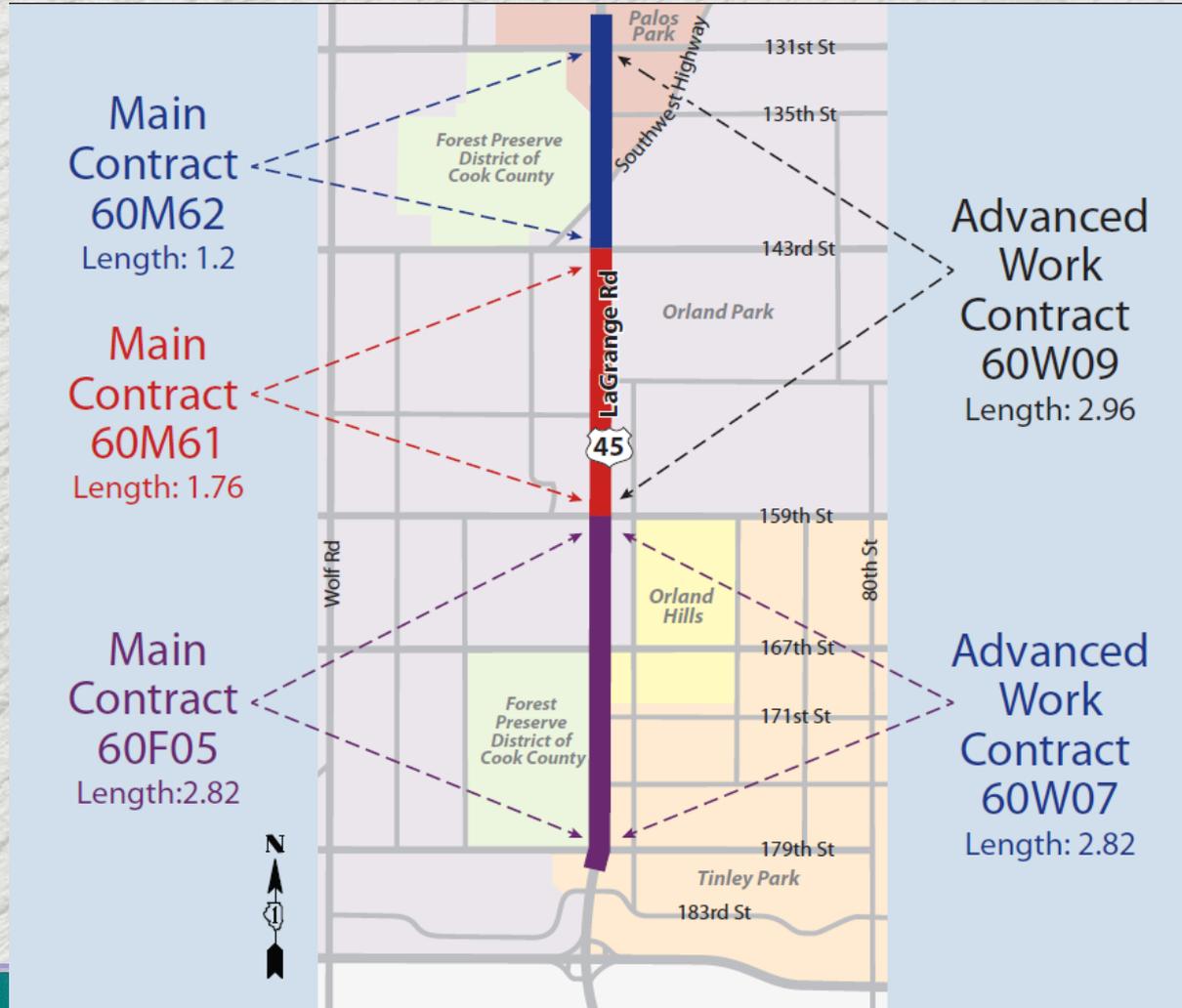
US Rte 45
LaGrange Rd

Source: [Google Earth](#)



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U.S. Rt. 45 Contracts



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Advance Work (IDOT) Contracts

5 Advance Work
Purpose is to

contracts that come later.

3 Metra RR realigned
Completed in
Constructed
Cost: \$ 10,69

realigned Metra RR.



2 Roadway – work has just started

Construct Temporary Pavement – primarily in medians

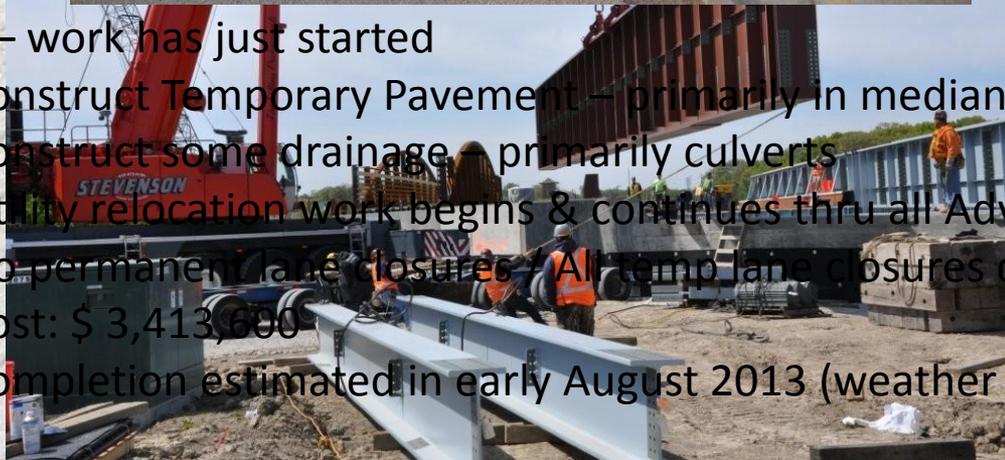
Construct some drainage – primarily culverts

Utility relocation work begins & continues thru all Adv Wk Roadway projects

No permanent lane closures - All temp lane closures during off-peak hours

Cost: \$ 3,413,600

Completion estimated in early August 2013 (weather dependent)



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Main Roadway Contracts

3 Main Roadway Contracts

Expect Utility relocation work to continue.

Existing roadway will be removed.

A new wider roadway with new storm sewer, sidewalks, street lighting and traffic signals will be constructed to provide 3 lanes in each direction over 5.9 miles.

Cost: \$ 89,527,300 (as let – contracts are not yet awarded or executed)

Work to Begin: August 2013 (following completion of Advance Work contracts)

Completion: Late Summer 2015 (weather dependent)



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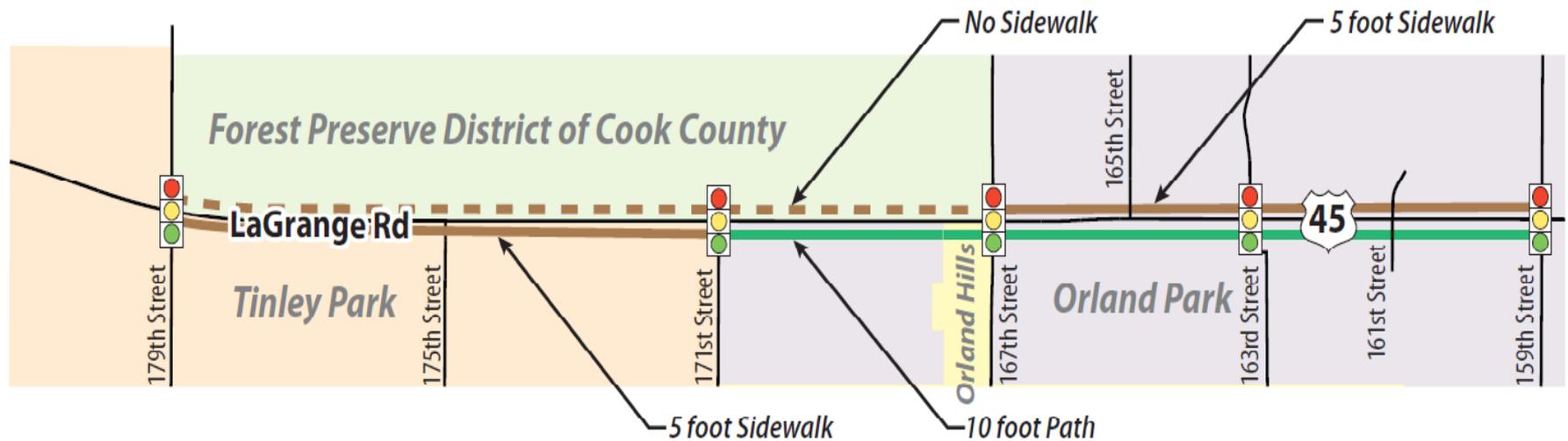


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South Contract – 179th St. to 159th St. 60F05 (Item 171)

Main Contract 60F05 - Length: 2.82

Advanced Work Contract 60W07 - Length: 2.82



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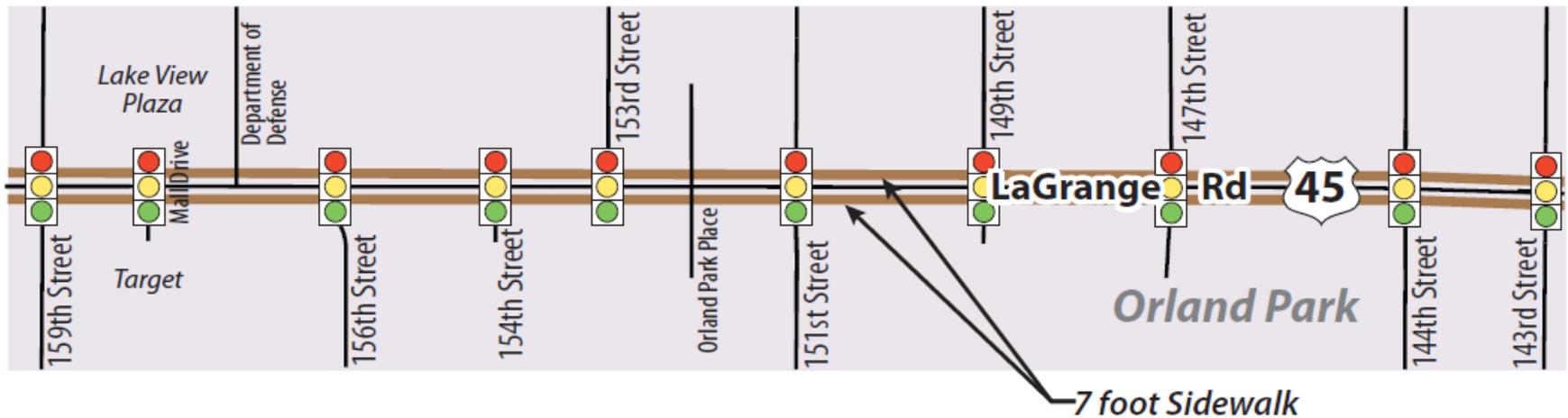


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Middle Contract – 159th St. to 143rd St. 60M61 (Item 115)

Main Contract 60M61 - Length: 1.76

Advanced Work Contract 60W09 - Length: 2.96



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North Contract – 143rd St. to 131st St. 60W09 (Item 116)

Main Contract 60M62 - Length: 1.2

Advanced Work Contract 60W09 - Length: 2.96



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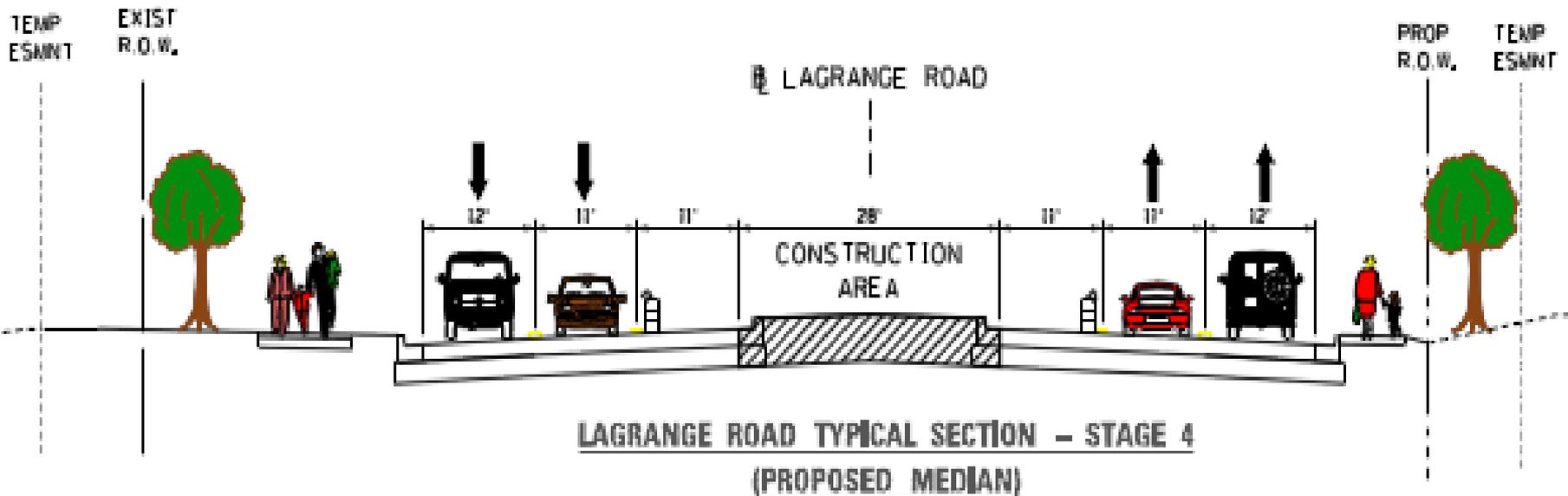
Construction Staging

The U.S. Rt. 45 project will be completed in 4 stages.

No permanent reduction in traffic lanes – 2 lanes will remain open in each direction.

Temporary lane closure are allowed during off peak hours.

No lane closures allowed from Thanksgiving Day to January 2 each year.



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Executive Summary

- Total Construction Cost is approximately \$ 103.6 Million.
- Road remains open with no reduction in open lanes.
- Completed roadway will be new concrete pavement with 3 lanes in each direction.
- The work is expected to take over 2 years to complete & is currently estimated to be finished late summer 2015.

