



**ILLINOIS  
HIGH-SPEED RAIL**  
CHICAGO TO ST. LOUIS

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# *Welcome!*

**CHICAGO TO ST. LOUIS  
HIGH-SPEED RAIL**

# **Public Meeting**

# Corridor Map

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# Project Timeline

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2010-2012

- Track reconstruction and upgrades

2012

- Procurement process for new high-speed rail cars

2013

- Procurement process for new high-speed rail locomotives

2014-2016

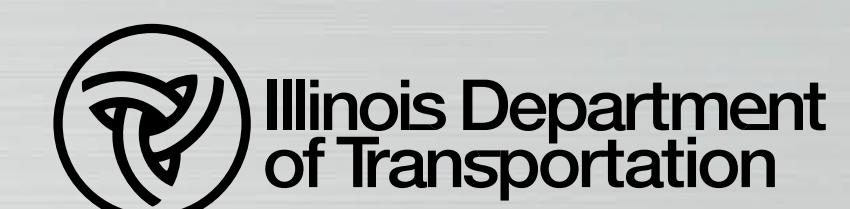
- Construction continues throughout the corridor

2017

- Infrastructure in place to operate at speeds up to 110 mph
- Springfield Third St. improvements
- Delivery of the new locomotives



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# Roadway Improvements

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- > **New roadway work adjacent to tracks**
- > **Improvement of roadway approaches to the railroad crossing**
- > **New medians and sidewalks**
- > **Culverts and drainage ditch improvements**
- > **Curb and/or shoulder work to tie into existing roadway**
- > **New pavement markings and signage**



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# Four Quadrant Gate System

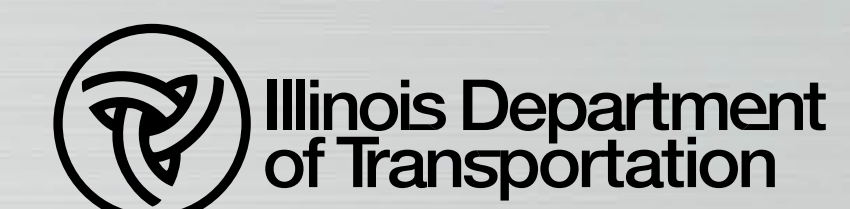
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- ✓ Reinforce driver-gate compliance
- ✓ Prevent vehicles from entering the path of a train



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# Crossing Approach/Grade Crossing Signage

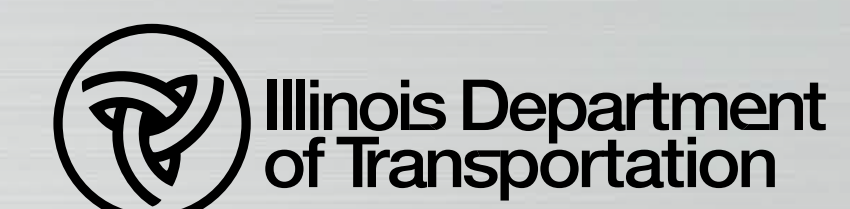
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- ✓ Pavement Markings
- ✓ Advanced Warning Signage



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# Signal Improvements

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- ✓ **Wayside infrastructure will be provided by the Union Pacific Railroad**
- ✓ **Amtrak will assist the program with on-board equipment and systems**
- ✓ **IDOT will coordinate these improvements with input from Program partners, including the Illinois Commerce Commission**



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# Additional Safety Enhancements

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**Installation of new *premium rail* and concrete ties**

**Extensive operational testing and approvals process**

**Curve designs for *high ride quality***



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# Benefits Achieved by Crossing Improvements

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- > **Enhance the traffic flow through the intersections**
- > **Provide wider medians, travel lanes and new sidewalks**
- > **Improve safety conditions near railroad tracks for both pedestrians and vehicles**
- > **Benefits vehicular traffic flow, access to intersections and parking due to roadway configuration changes**



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# Illinois Commerce Commission: Railroad Safety

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- ✓ **Has the statutory responsibility to improve safety at public highway-rail crossings.**
- ✓ **Orders safety improvements at public highway-rail crossings with the cost of such improvements paid by the state, the railroads, and local governments.**

**Improvements typically suggested by the ICC include the following:**

- Warning Device Upgrades
- Grade Separations - New and Reconstructed
- Grade Separations - Vertical Clearance Improvements
- Pedestrian Grade Separations
- Interconnect Rail and Roadway Signal Systems
- Highway Approaches
- Connecting Roads
- Remote Monitoring Devices
- Low Cost Improvements at Unsignalized Crossings
- Crossing Closures
- New Grade Crossings (Roadway and Pedestrian)



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# Train Horns

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## STANDARD POLICY

- Railroad engineers will begin to sound train horns at least 15 seconds, and no more than 20 seconds, in advance of all public grade crossings.
- If a train is traveling faster than 60 mph, engineers will not sound the horn until it is within ¼ mile of the crossing, even if the advance warning is less than 15 seconds.

## QUIET ZONE

- In a quiet zone, there is no routine sounding of horns when approaching public highway-rail grade crossings.
  - Train horns may still be used in emergency situations or to comply with other Federal regulations or railroad operating rules.
  - To establish a quiet zone, the increased risk caused by the absence of a horn must be mitigated.
  - Local jurisdiction must apply to the FRA for a quiet zone.



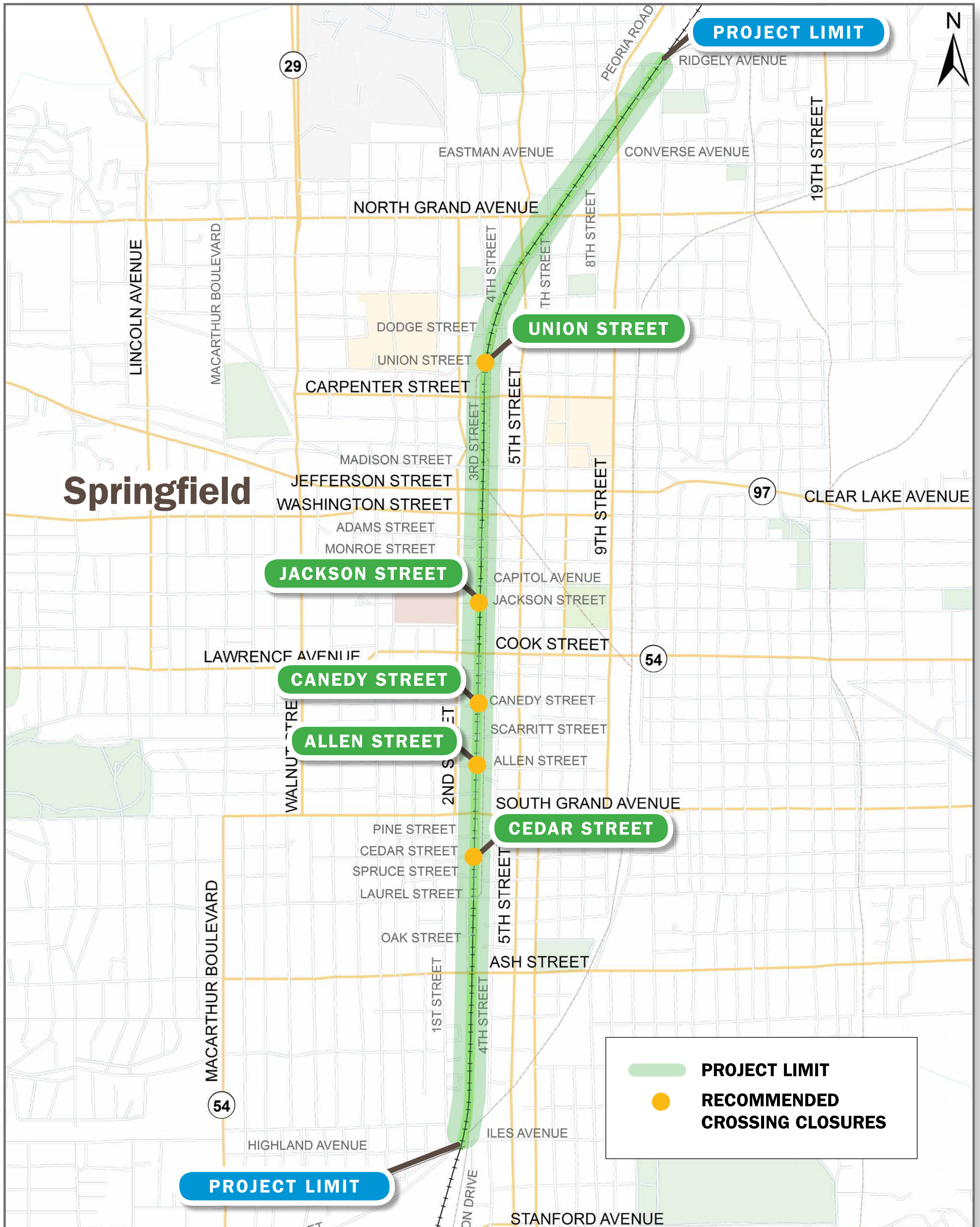
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# Project Area

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# HSR Funding – Springfield

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## 3rd Street

**Estimated total cost: less than \$25-30 million**

Largely American Recovery and Reinvestment Act (ARRA)  
Contributions from HSR Program Partners

## Rail to Rail Flyover

**Estimated total cost: \$90-100 million**

IDOT - \$1.6 million for Tier 2 environmental document  
Funding for final design and construction not yet identified

## 10th Street

**Estimated total cost: \$315 million**

Commitment of \$143 million from various sources  
Funding for remaining construction not yet identified



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# 3rd Street Project Activities

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- **Track** upgrades
- Updated **signalization**
- Installation of **warning device/gate improvements** at select crossings
- New safety **fences**
- **Closure** of 5 road/railway at-grade crossings
- **Reconfiguration** of select at-grade crossings
- **Improvements to the existing station** and modifications to parking lot layout

*These improvements will make the city eligible to apply to the FRA for a quiet zone on 3rd Street*



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# Upcoming Work

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## CROSSING IMPROVEMENTS

- Converse Avenue
- 8th Street
- North Grand Avenue
- 6th Street
- 5th Street
- 4th Street
- Carpenter Street
- Madison Street
- Jefferson Street
- Washington Street
- Adams Street
- Monroe Street
- Cook Street
- Lawrence Avenue
- Scarritt Street
- South Grand Avenue
- Laurel Street
- Ash Street

- Curb and gutter improvements
- Restriping
- Sidewalks
- Pedestrian treatments
- Crossing and roadway improvements

# 3rd Street Fencing

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**RAIL**

- ✓ **Less than six (6) feet high**
- ✓ **Placement within one foot inside the Union Pacific right-of-way**



**PEDESTRIAN**

- ✓ **At all grade crossings with pedestrian attributes**
- ✓ **Approximately three (3) feet high**

*Construction coordinated with the City of Springfield*



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# Springfield Station Improvements

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- ✓ **Parking lot modifications to provide accessible parking**
- ✓ **Modifications to provide accessible bathrooms**



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# Business Opportunities

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For information regarding business and job opportunities, please visit the **DOING BUSINESS** section of the project website at

<http://www.idothsr.org/business/>



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# Submit Comments

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The screenshot shows the Illinois High-Speed Rail website's 'Submit Comments' form. The page header includes the HSR logo and navigation links such as 'Home', 'About the Project', 'Construction/Stations', 'Higher Speeds 2012', 'Doing Business', 'Tier 1 Study', 'Stay Informed', 'Info Center', and 'Media Center'. The main content area is titled 'Stay Informed' and features a 'Question or Comment?' section with a dropdown menu for 'Public Meetings', 'Past Meetings', and 'Contact Us'. Below this is a 'Sign Up For Our Mailing List' section with a form for providing contact information, including fields for First Name, Last Name, Business/Organization, Address, Apt./Suite No., City, State (dropdown), Email Address, Telephone, and Ext. There is also a 'Submit a Question or Comment' section with a large text area for 'Your Comment', a 'Zip Code' field, and 'Submit' and 'Reset' buttons.

*The study team  
is interested  
in hearing  
your ideas  
and opinions!*

[www.idothesr.org/comments](http://www.idothesr.org/comments)

**If you have questions or comments about the project please fill out the comment form in person or via the web, contact the hotline at 1-855 IDOT HSR (436-8477), or write to us at:**

**Illinois Department of Transportation  
Office of Intermodal Project Implementation  
69 West Washington Street, Suite 2100  
Chicago, Illinois 60602**



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# Public Involvement

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## Get Involved!



- **Public Meetings**
- **Small Group Meetings**
- **Program Fact Sheets**
- **Visit [www.idothesr.org](http://www.idothesr.org) for more information or to comment on the Illinois High-Speed Rail Program**
- **1-855-IDOT-HSR (436-8477)**

 [www.facebook.com/illinoishighspeedrail](https://www.facebook.com/illinoishighspeedrail)



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# Program Information

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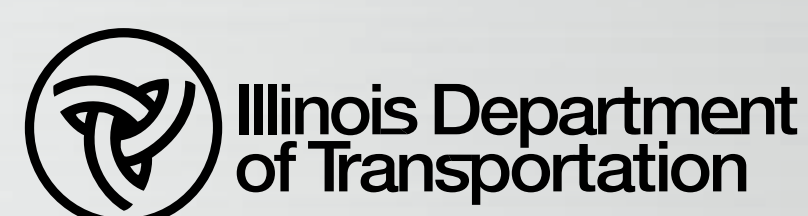
## Get the facts from the Official Source!



Visit [idothsr.org](http://idothsr.org) for program specific information and to comment on the Illinois High-Speed Rail Program; or call **1-855-IDOT HSR (436-8477)**  [facebook.com/IllinoisHighSpeedRail](https://facebook.com/IllinoisHighSpeedRail)



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