



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

EXPERIENCE IT YOURSELF.

Welcome!

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

Public Meeting



Program Schedule

EXPERIENCE IT YOURSELF.

2010-2012

- Track reconstruction and upgrades

2012

- Procurement process for new high-speed rail cars
- Operation of trains up to 110 mph between Dwight and Pontiac

2013

- Procurement process for new high-speed rail locomotives

2015

- Significant infrastructure improvements in place to support speeds of up to 110 mph on the Joliet-Carlinville portion of the corridor
- Initial reductions in travel time

2015-2017

- Infrastructure improvements complete with increased speeds over entire Joliet-East St. Louis segment
- Travel time reduced by about an hour
- Springfield Third St. improvements
- Delivery of the new cars and new locomotives



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



www.idothesr.org

Program Benefits

EXPERIENCE IT YOURSELF.



Safety



New Passenger Cars & Locomotives



Stations



Economic & Community



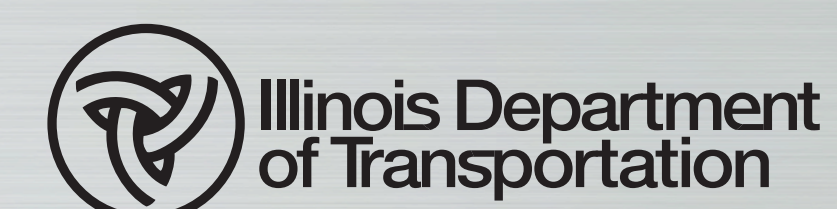
Environmental



Service Reliability & Time Savings



ILLINOIS
HIGH-SPEED RAIL
CHICAGO TO ST. LOUIS



www.idothesr.org

Train Horns

EXPERIENCE IT YOURSELF.

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 $\frac{1}{4}$ 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.



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



www.idothsr.org

Illinois Commerce Commission: Railroad Safety

EXPERIENCE IT YOURSELF.

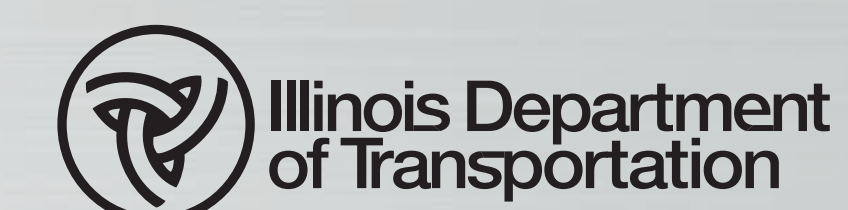
- ✓ **Has the statutory responsibility to improve safety at public highway-rail crossings**
- ✓ **Orders safety improvements at public highway-rail crossings with the cost of such improvements paid by the state, the railroads, and local governments.**

**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
- Interconnects
- Highway Approaches
- Connecting Roads
- Remote Monitoring Devices
- Low Cost Improvements at
Unsignalized Crossings
- Crossing Closures
- New Grade Crossings
(Roadway and Pedestrian)



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



www.idothsr.org

Other Track and Roadway Improvements

EXPERIENCE IT YOURSELF.

Will meet **safety requirements** of FRA, ICC, IDOT, and the High-Speed Rail Program

Will **enhance** traffic flow through the crossing areas



BEFORE IMPROVEMENTS



AFTER IMPROVEMENTS



ILLINOIS
HIGH-SPEED RAIL
CHICAGO TO ST. LOUIS



www.idothsr.org

Additional Safety Enhancements

EXPERIENCE IT YOURSELF.



Installation of new *premium rail* and concrete ties

Extensive operational testing and approvals process

Curve designs for *high ride quality*



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



www.idothsr.org

Four Quadrant Gate System

EXPERIENCE IT YOURSELF.



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



ILLINOIS
HIGH-SPEED RAIL
CHICAGO TO ST. LOUIS

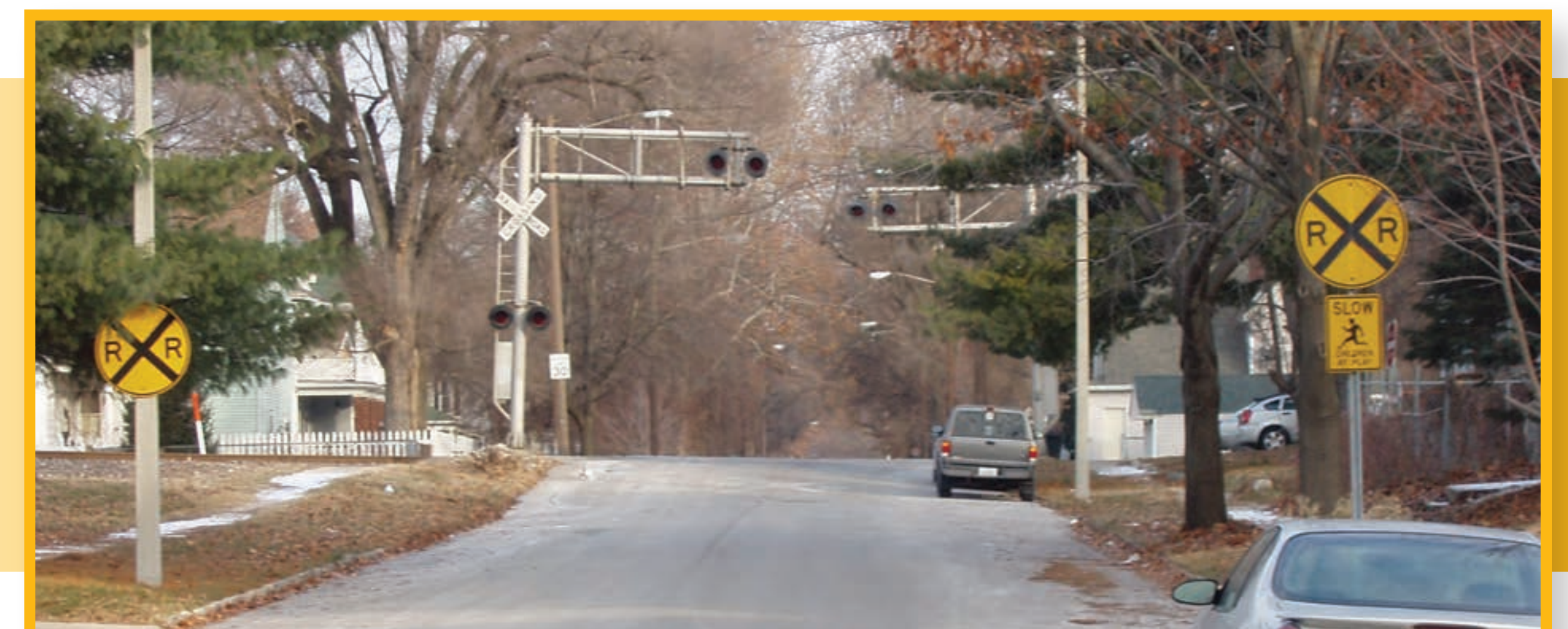


www.idothsr.org

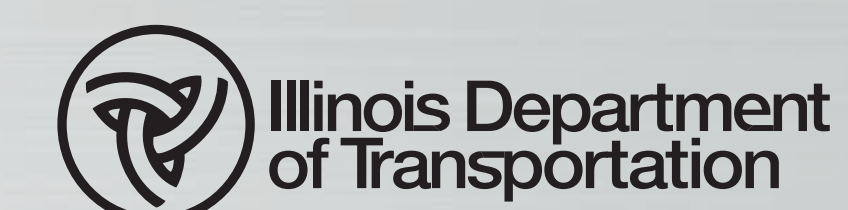
Crossing Approach/Grade Crossing Signage

EXPERIENCE IT YOURSELF.

- ✓ Pavement Markings
- ✓ Advanced Warning Signage



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

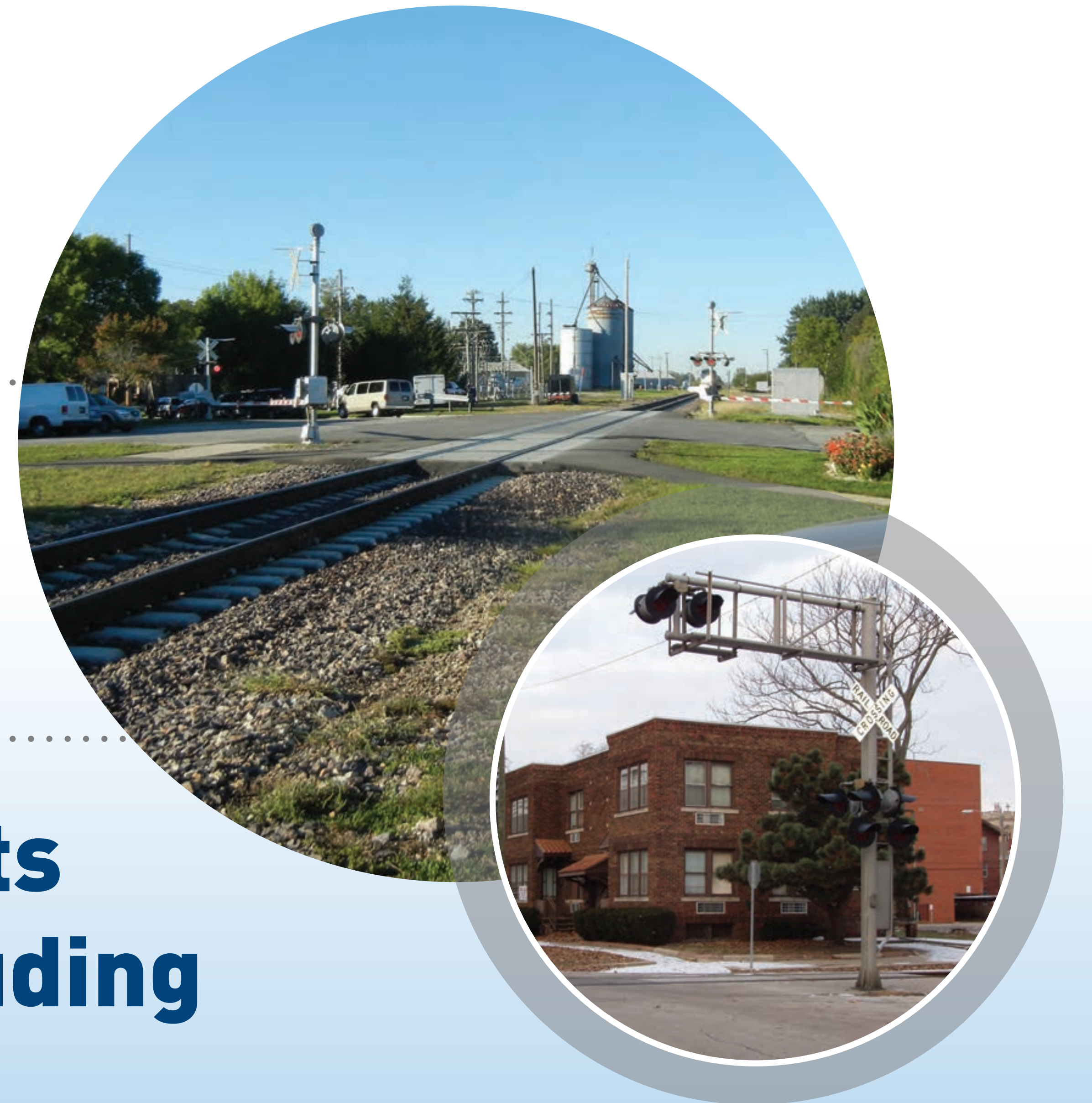


www.idothsr.org

Signal Improvements

EXPERIENCE IT YOURSELF.

- ✓ **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**



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



Illinois Department
of Transportation

www.idothsr.org

Chenoa to Atlanta Improvements

EXPERIENCE IT YOURSELF.



- Track upgrades
- At-grade crossing enhancements
- Signal updates
- New turnouts

Siding Reconstruction

- Lexington
- Normal
- McLean



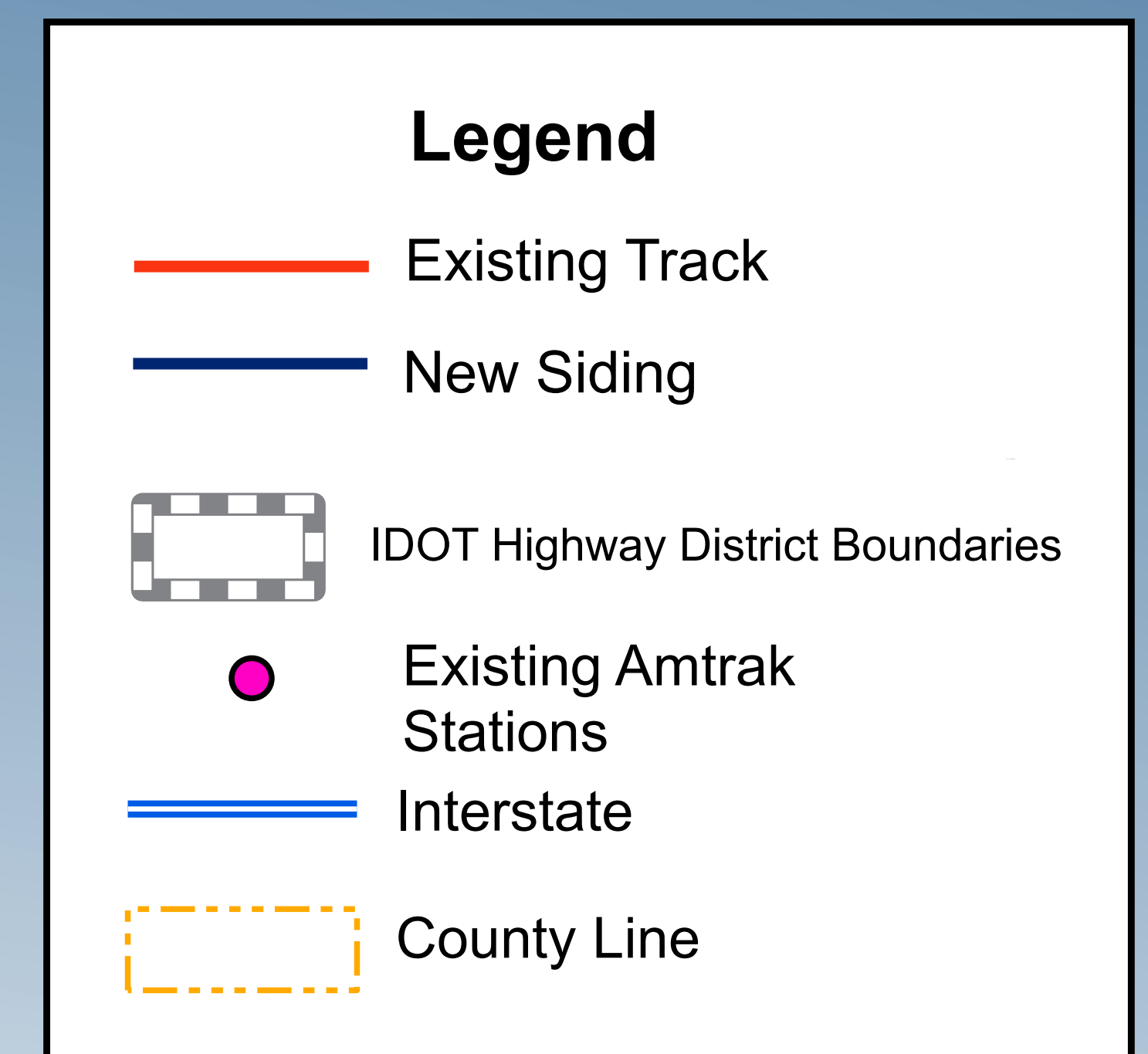
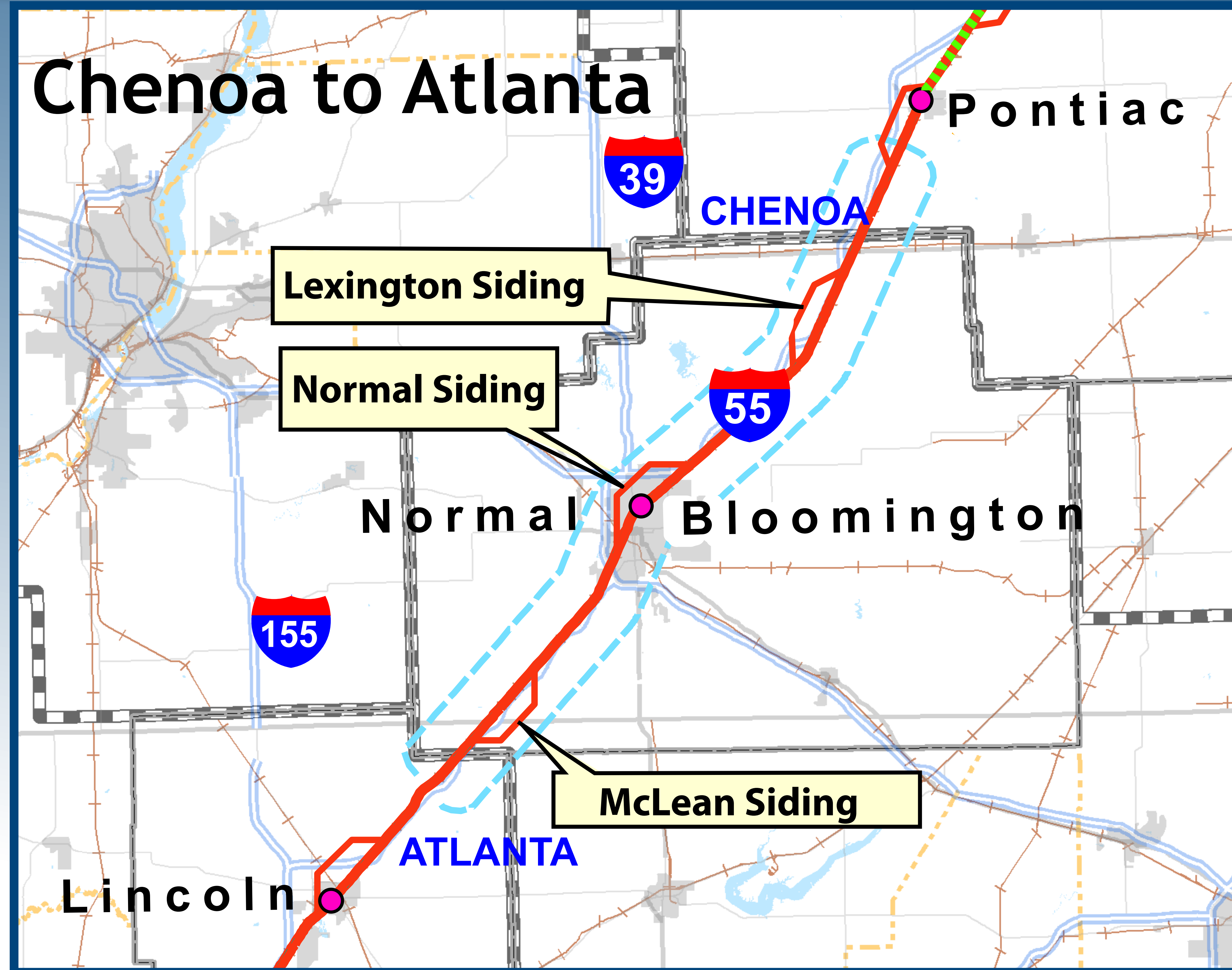
**ILLINOIS
HIGH-SPEED RAIL**
CHICAGO TO ST. LOUIS



www.idothsr.org

Project Location Map

EXPERIENCE IT YOURSELF.



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



www.idohtsr.org

Environmental Documentation for Current Construction

EXPERIENCE IT YOURSELF.

✓ **Re-evaluation of previous work**



✓ **Completed in 2013**



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



www.idohtsr.org

Illinois High-Speed Rail Program - Railroad Sidings

EXPERIENCE IT YOURSELF.



- Fifteen sidings will be built or reconstructed throughout the corridor
- Identification of track configurations and siding locations determined by capacity analysis of corridor operation
- Sidings help improve fluidity of train movements —supporting ability for trains to pass each other, decreasing delays for passenger train service and reducing rail congestion



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



www.idothsr.org

Public Involvement

EXPERIENCE IT YOURSELF.

Get Involved!



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



www.facebook.com/illinoishighspeedrail



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



www.idothsr.org

Business Opportunities

EXPERIENCE IT YOURSELF.

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

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



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



www.idothsr.org