



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

EXPERIENCE IT YOURSELF.

Welcome!

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

Public Meeting



Illinois Department
of Transportation

www.idothsr.org

Station Improvements

EXPERIENCE IT YOURSELF.



**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

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

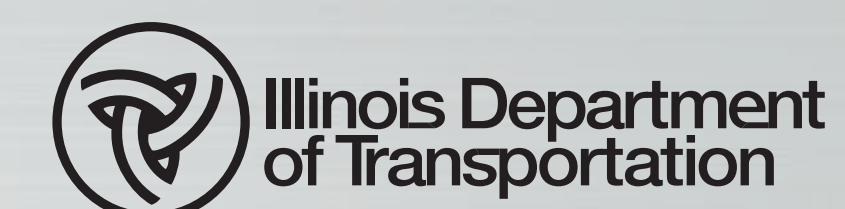
- Significant infrastructure improvements in place to support speeds of up to 110 mph on the Joliet-Carlinville portion of the corridor
- Initial reductions in travel time

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

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

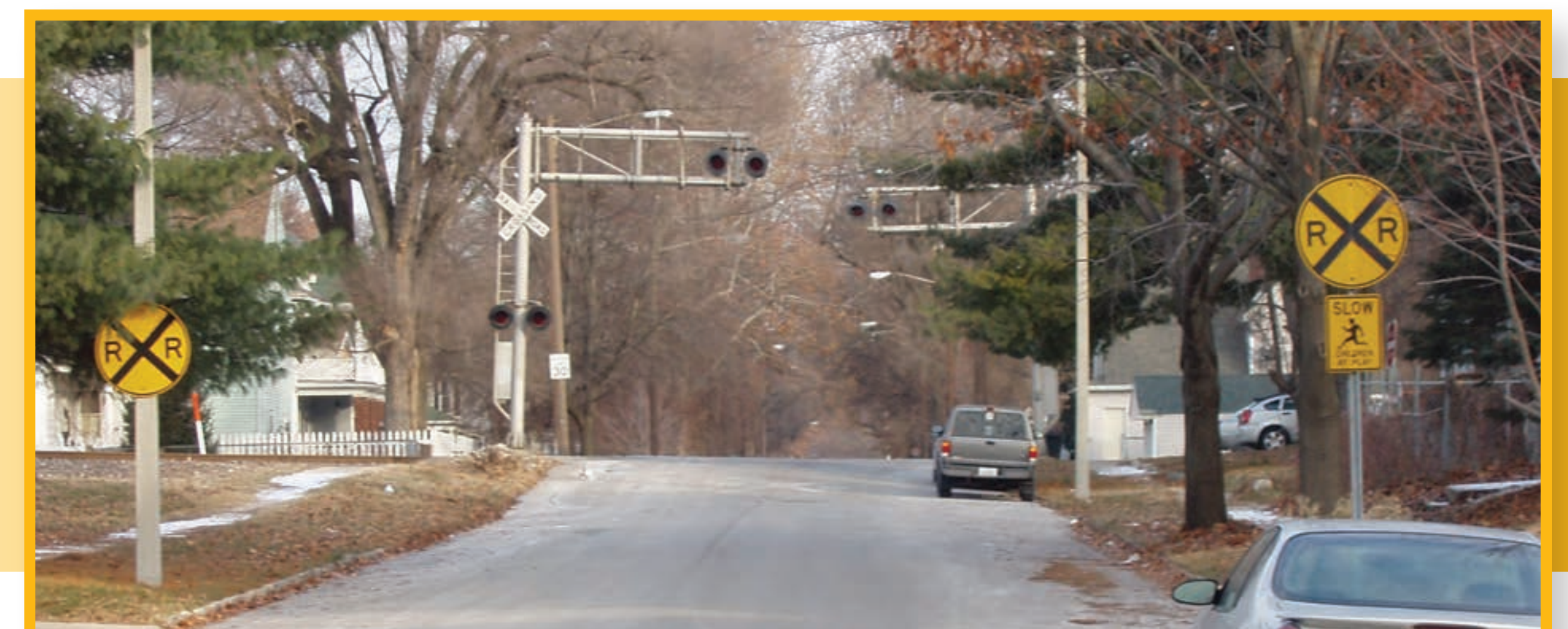


www.idothsr.org

Crossing Approach/Grade Crossing Signage

EXPERIENCE IT YOURSELF.

- ✓ Pavement Markings
- ✓ Advanced Warning Signage



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

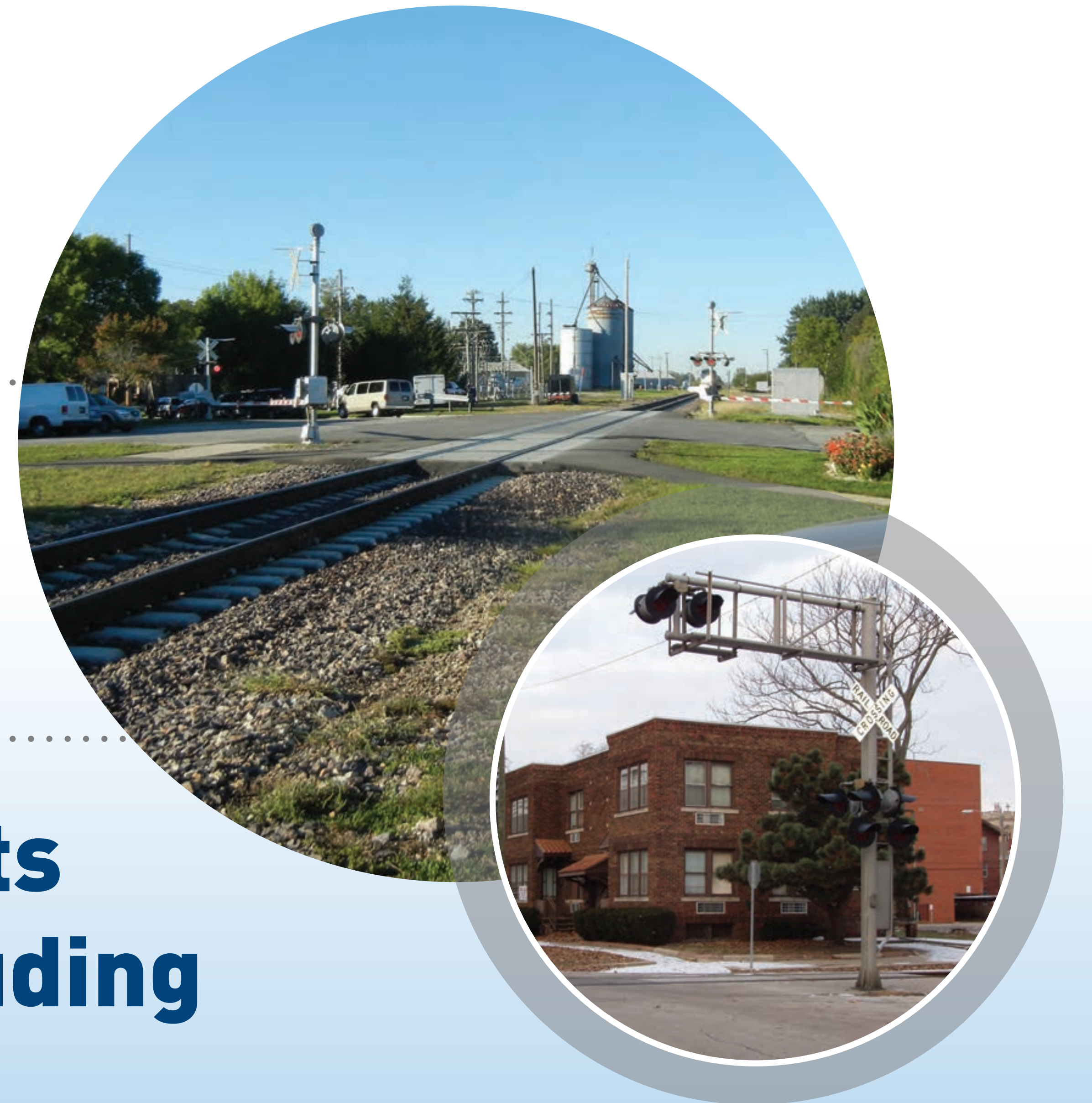


www.idothsr.org

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

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.

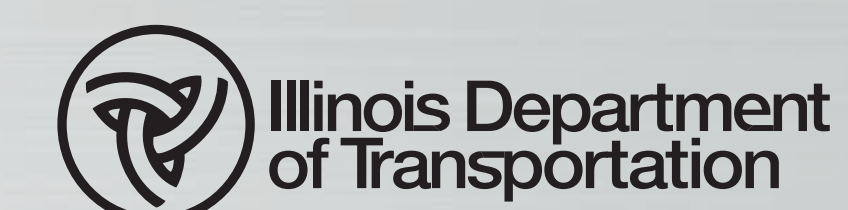
- ✓ **Has the statutory responsibility to improve safety at public highway-rail crossings**
- ✓ **Orders safety improvements at public highway-rail crossings with the cost of such improvements paid by the state, the railroads, and local governments.**

**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

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

Environmental Documentation

EXPERIENCE IT YOURSELF.

Environmental document was completed in January 2014.

Supplemented the 2011 Joliet to Dwight Environmental Assessment and Finding of No Significant Impact.

Included analysis of natural and man-made resources.

Determination for siding location incorporated public input.



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



www.idothesr.org

Purpose and Need

EXPERIENCE IT YOURSELF.

- ✓ **Will reduce passenger train delays that occur because of lack of passing capability.**
- ✓ **Needed to accommodate the increase in train speed.**
- ✓ **Will improve reliability and shorten trip times.**



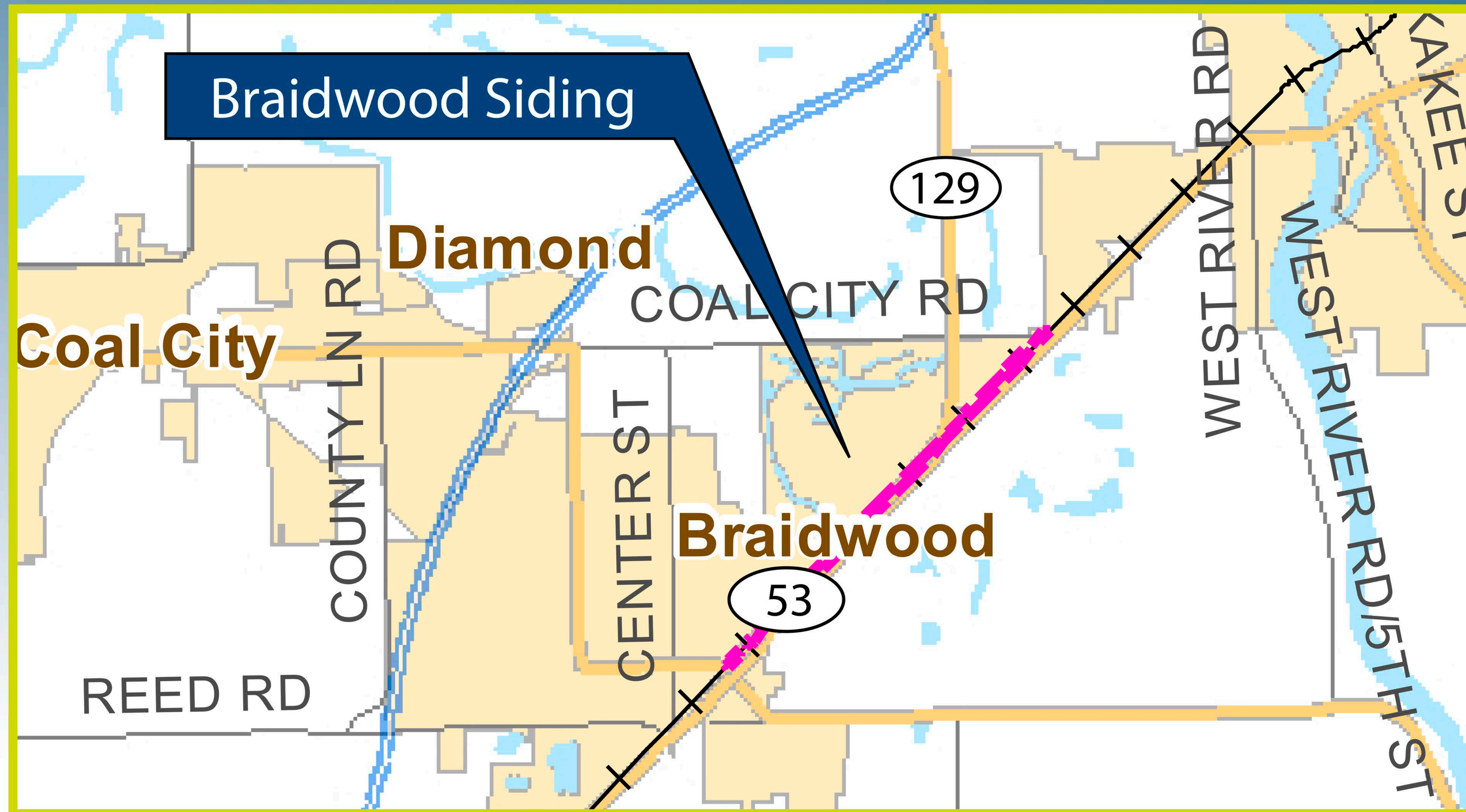
**ILLINOIS
HIGH-SPEED RAIL**
CHICAGO TO ST. LOUIS



www.idothsr.org

Location Map

EXPERIENCE IT YOURSELF.



Legend

- Braidwood Siding
- Project Alignment



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



www.idohtsr.org

Braidwood Siding Track

EXPERIENCE IT YOURSELF.



- ✓ **Approximately 2.5 miles in length**
- ✓ **20-foot track spacing from the main track**
- ✓ **Located between Main Street and Coal City Road**



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



Illinois Department
of Transportation

www.idohtsr.org

Braidwood Set-out Track

EXPERIENCE IT YOURSELF.



- ✓ **Approximately 1,600 feet**
- ✓ **50-foot track spacing from the main track**
- ✓ **Located south of Coal City Road
(approximately 500 feet west of Nikki Lane)**
- ✓ **Provides for temporary storage/repair of
railcars and/or equipment**



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



Illinois Department
of Transportation

www.idothsr.org

Additional Project Improvements

EXPERIENCE IT YOURSELF.



Fencing

- ✓ Located entirely within the Union Pacific right-of-way
- ✓ Will consist of ornamental fencing along length of siding
- ✓ Improves safety

**New turnouts, signal upgrades
and culverts**



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



www.idohtsr.org

Braidwood Construction Completion

EXPERIENCE IT YOURSELF.

**Construction
Braidwood Siding
December 2014**

**Double Track Construction
South of Braidwood
December 2015**

Public Meetings
will be held prior to
all construction

**Construction
North of Braidwood
Bridge-June 2017
Track-December 2016**



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



Illinois Department
of Transportation

www.idothsr.org

Submit Comments

EXPERIENCE IT YOURSELF.

The screenshot shows the 'Stay Informed' section of the Illinois High-Speed Rail website. It features a 'Question or Comment?' form with fields for First Name, Last Name, Business/Organization, Address, Apt./Suite No., City, State (dropdown), Email Address, and Telephone. There are also 'Submit' and 'Reset' buttons. Below this is a 'Sign Up For Our Mailing List' form with a checkbox for 'Email' and a text area for 'Your Comment'. The website header includes the HSR logo, navigation links, and social media icons.

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

www.idothsr.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
Division of Public & Intermodal Transportation
James R. Thompson Center
100 West Randolph Street, Suite 6-600
Chicago, Illinois 60601-3229**



**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