

EXPERIENCE IT YOURSELF.



**ILLINOIS
HIGH-SPEED
RAIL**

CHICAGO TO ST. LOUIS



**Chicago — St. Louis
High-Speed Rail**

**Braidwood Construction
Public Meeting**

August 7, 2014

Chicago-St. Louis Corridor Goals and Benefits

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- » **Reduction in travel time by about an hour**
- » **Enhanced reliability**
- » **New passenger cars and locomotives**
- » **New/rehabilitated stations**
- » **Safety improvements**



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High-Speed Service Timetable

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- » **Service at speeds of up to 110 miles per hour between Dwight and Pontiac in operation since 2012**
- » **Service at speeds of up to 110 miles per hour over 75% of route between Joliet and Carlinville by the end of 2015**
- » **Remaining speed increases and improvements between Joliet and East St. Louis by end of 2017**



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Upcoming Construction



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Illinois Department
of Transportation

www.idothsr.org

Listening to Concerns

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- » **Potential delays at crossings investigated**
- » **Phased approach developed**
- » **Additional State of Illinois funding provided for 2015 double track through Braidwood**



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Station Improvements

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- » **New or renovated facilities**
- » **Increased passenger safety, comfort and convenience**
- » **Lighting, site and parking improvements**
- » **New ADA compliant boarding platforms**



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State of the Art Equipment

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New high horsepower diesel locomotives

Six new sets of equipment for Chicago to St. Louis corridor



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Grade Crossing Safety Improvements

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- » **Positive Train Control for increased safety**
- » **Crossing safety devices**
- » **Signage/pavement markings**
- » **ADA accessibility directive signage**
- » **Pedestrian crossing upgrades**



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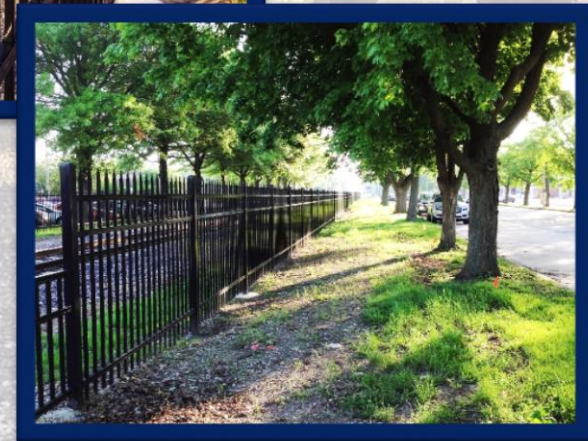
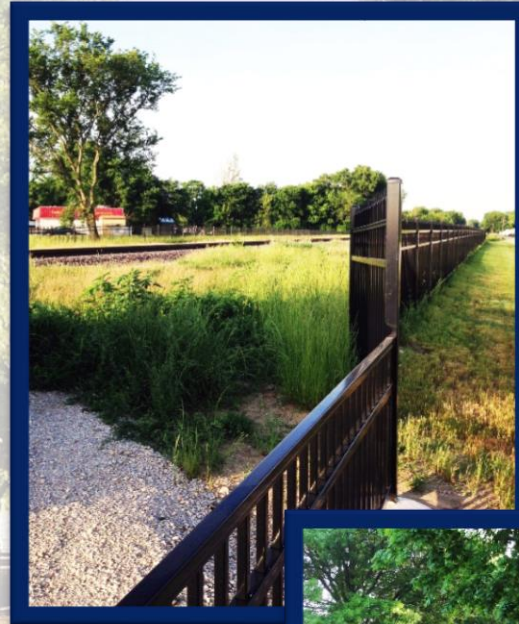
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Right-of-Way and Pedestrian Safety Fencing

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Fencing typically will be placed within one-foot of the Union Pacific Railroad right-of-way:

- » *In urban areas*
- » *In select rural areas*

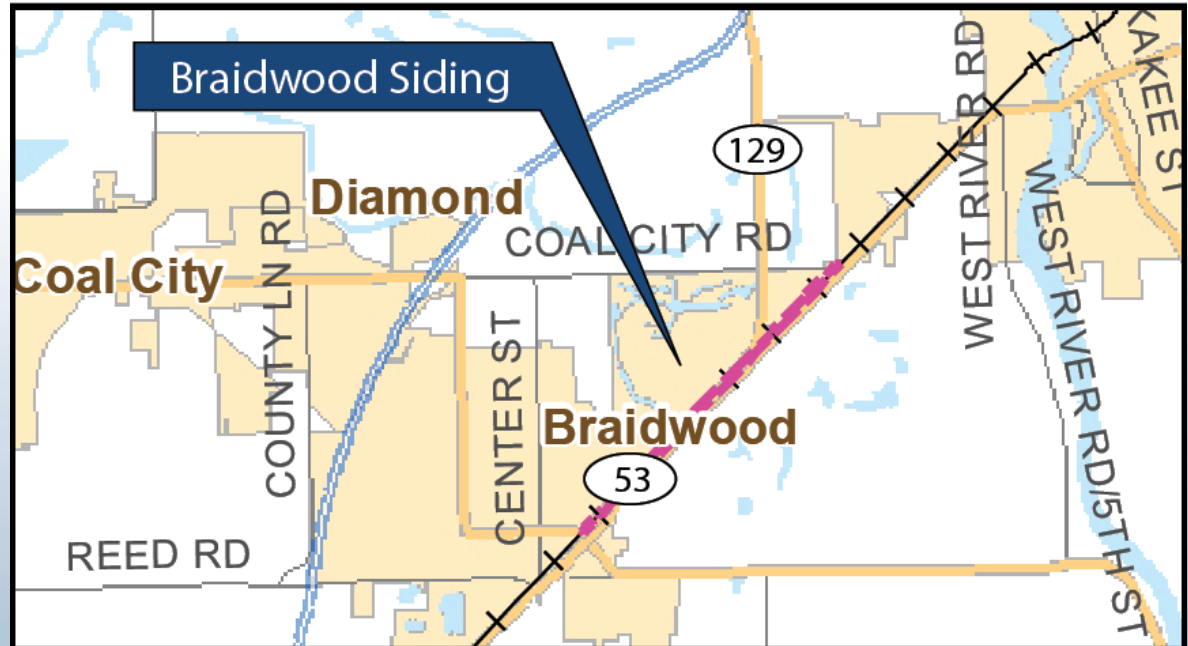


Braidwood Siding

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Purpose:

- » Enhance rail capacity
- » Improve fluidity of train operations
- » Serves as Phase 1 of double track for about one year



Legend

- Braidwood Siding
- + + + Project Alignment

Braidwood Siding Operations and Functions

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- » Passenger trains passing other passenger trains at speed
- » Freight trains passing passenger trains
- » Freight trains passing freight trains
- » Not generally for storage of freight trains
- » Trains can enter siding at up to 50 mph
- » Operations analysis shows increase of about 1.5 minutes total vehicular delay (with gates down) in a typical day



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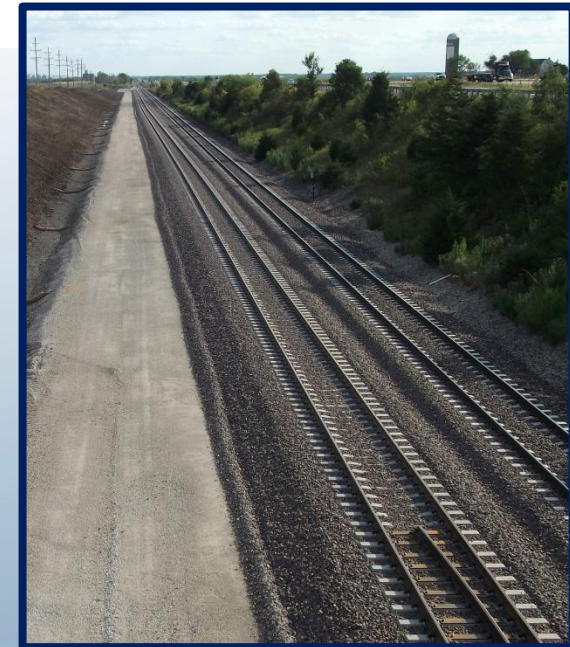


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Additional Braidwood Construction Features

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- » Continuous 10-foot wide access road
- » Set-out track siding near Coal City Road
- » Culvert replacements
- » New turnouts
- » Signal upgrades
- » Any land acquisition required will follow the Uniform Relocation Act



Braidwood Schedule of Construction Completion

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**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**



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Safety Information



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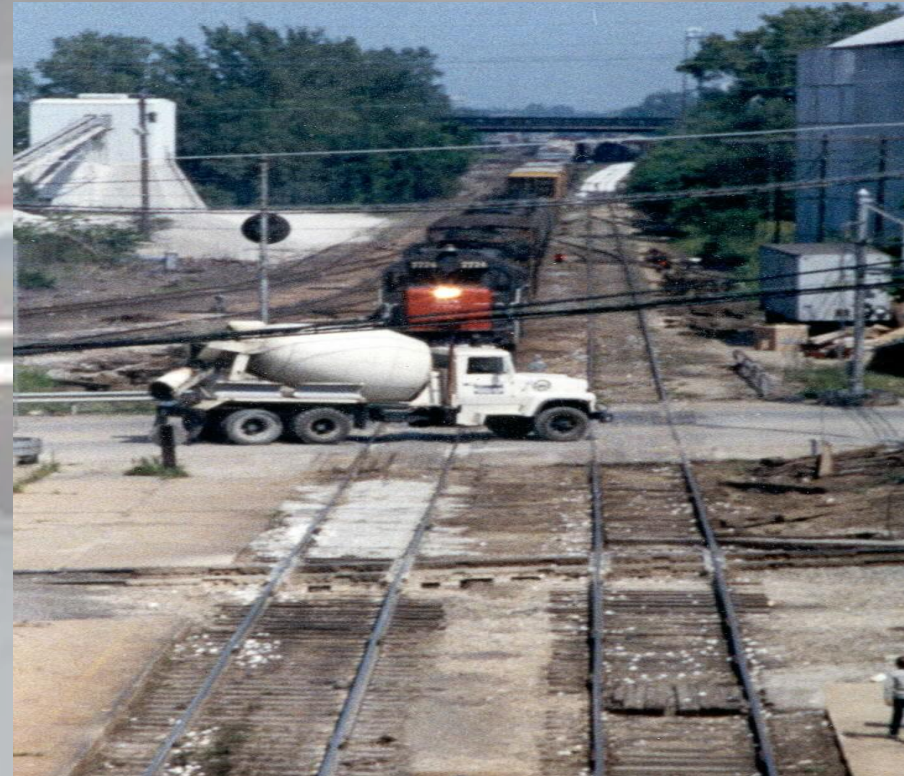
Public Safety in High-Speed Rail Corridors

CHICAGO-ST. LOUIS HSR CORRIDOR



Michael E. Stead
Rail Safety Section
Illinois Commerce Commission

Public Safety IS the #1 Priority



Public Safety in High-Speed Rail Corridors

➤ *Train Speeds will Increase*

✓ Current Max. Train Speed = 79 mph

✓ **Proposed Max. Train Speed = 110 mph**

➤ *Crossing Warning Times will Increase*

✓ Current warning times for max. speed trains = 35 sec.

✓ **Warning times for max. speed trains: 80 seconds min.**

➤ *Train Volumes Projected To Increase*

✓ **Freight**

➔ *More Trains = Greater Exposure*

Public Safety in High-Speed Rail Corridors

Considerations

- Public Crossings
- Pedestrian Crossings
- Trespassers
- Private Crossings
- Field Crossings

Public Safety in High-Speed Rail Corridors

Proposed Safety Improvements

- Four Quadrant Roadway Gates
- Pedestrian Gates
- Right-of-Way Fencing
- Automatic Gates - Private Xings
- Automatic Warning Devices - Field Xings

Four Quadrant Gates (Public Crossings & Private Crossings)



Pedestrian Crossings



Trespassers (Restrict Access to RR R.O.W.)



Trespassers

It is illegal for any person to walk across or along railroad tracks at any place other than an authorized crossing.



Farm Vehicles (Safe Access)



Private Crossings



Field Crossings

Field Crossing w/o Active Warning Devices



Field Crossing with Active Devices





**OPERATION
LIFESAVER®**

Illinois

Additional Information

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Public Involvement



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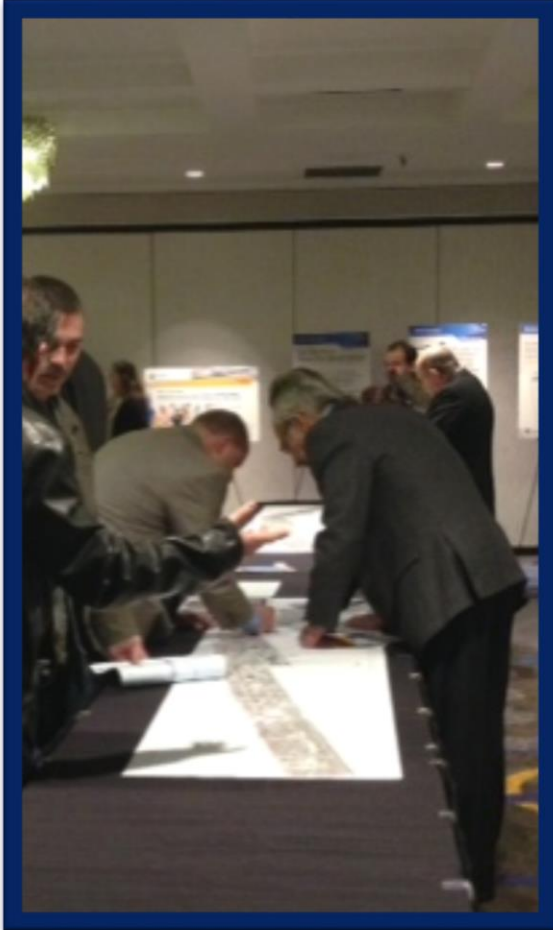
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Public Involvement

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- » Visit www.idothsr.org
 - **Crossing Closures**
 - **Event Calendars**
 - **Comment on Illinois High-Speed Rail Program**
 - **Sign up for Program e-mail notifications**



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1-855-IDOT-HSR (436-8477)

Business Opportunities

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- » **Visit the Doing Business section of www.idothsr.org**
 - *Find details about the bidding process and current business opportunities*
 - *Find related links for detailed procedures*



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Thank you



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