## Overall Map







# Project Timeline

**EXPERIENCE IT YOURSELF.** 

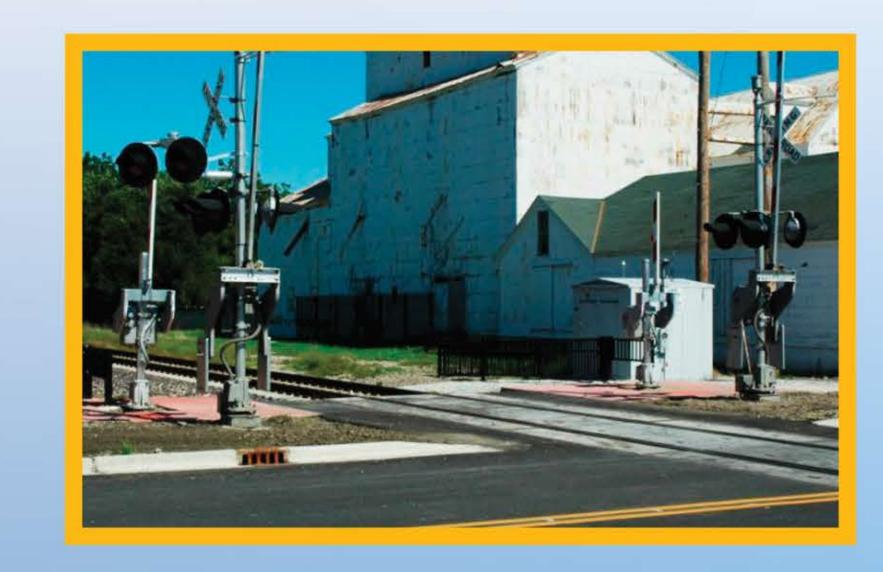
2010-2012 2012 2013 2015-2017

- Track reconstruction and upgrades
- Procurement process for new high-speed rail cars
- Operation of trains up to 110 mph between Dwight and Pontiac
- Procurement
   process for new
   high-speed rail
   locomotives
- Infrastructure in place to operate at speeds up to 110 mph
- Springfield Third St. improvements
- Delivery of the new cars and new locomotives





- > 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









## 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













# Benefits Achieved by Crossing Improvements

- > 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









# Crossing Approach/Grade Crossing Signage

- Pavement Markings
- Advanced Warning Signage





#### Alton Station

**EXPERIENCE IT YOURSELF.** 

#### STATION IMPROVEMENTS

- New station and multi-modal facility northwest of the existing station on City property
- City selected to receive TIGER grant funding
- Site preparation nearing completion
- ✓ Construction anticipated to begin spring 2016
- Completion anticipated spring 2017







# Four Quadrant Gate System



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





# 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)





# Four Quadrant Gate System



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





# Crossing Approach/Grade Crossing Signage

**EXPERIENCE IT YOURSELF.** 



Advanced Warning Signage







# 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





# Additional Safety Enhancements

**EXPERIENCE IT YOURSELF.** 



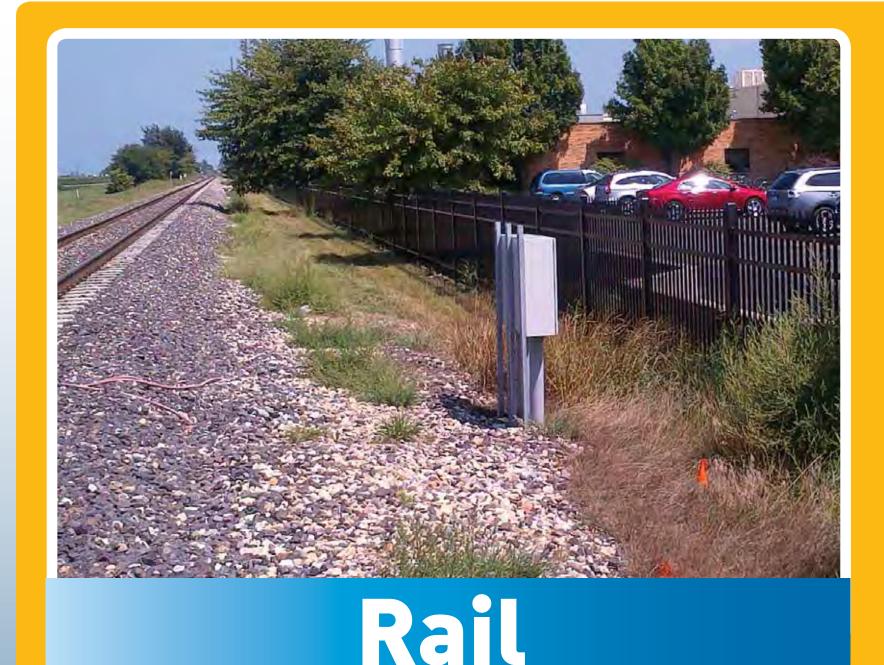
Extensive operational testing and approvals process

Curve designs for high ride quality

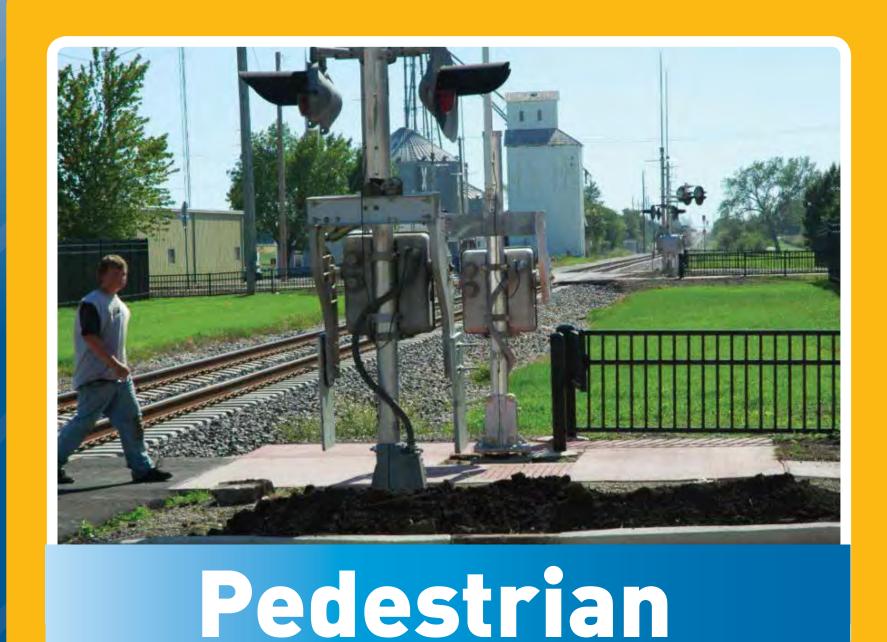




# Fencing



- Approximately six (6) feet high
- Decorative fencing in urban areas
- Chain link fencing in rural areas



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





## Train Horns

#### 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.



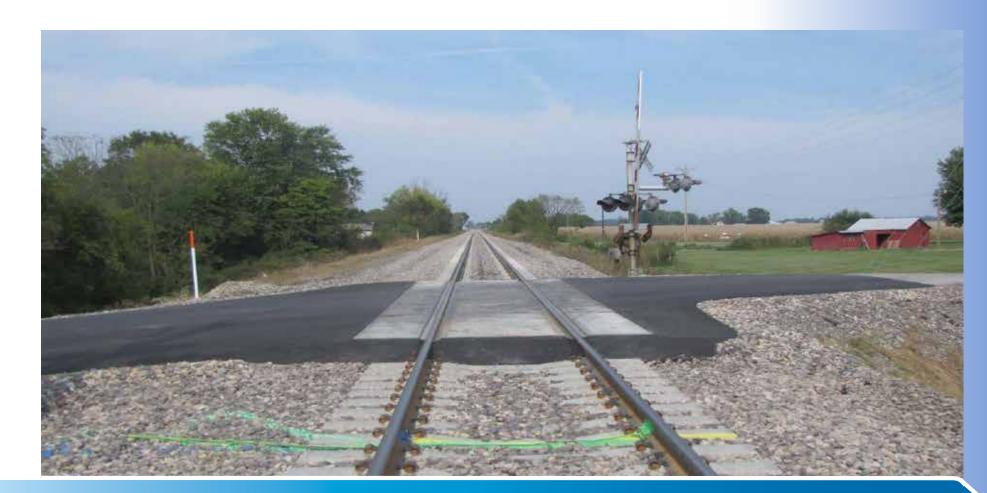


## Other Track and Roadway Improvements

# Will enhance traffic flow through the crossing areas







AFTER IMPROVENIENTS



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





### Alton Station

**EXPERIENCE IT YOURSELF.** 

#### STATION IMPROVEMENTS

- New station
- City selected to receive TIGER grant funding
- Site preparation nearing completion
- ✓ Construction anticipated to begin spring 2016
- Completion anticipated spring 2017







# Business Opportunities

**EXPERIENCE IT YOURSELF.** 

For information regarding business and job opportunities, please visit the DOING BUSINESS section of the project website at <a href="http://www.idothsr.org/business/">http://www.idothsr.org/business/</a>







#### Public Involvement

**EXPERIENCE IT YOURSELF.** 

#### Get Involved!

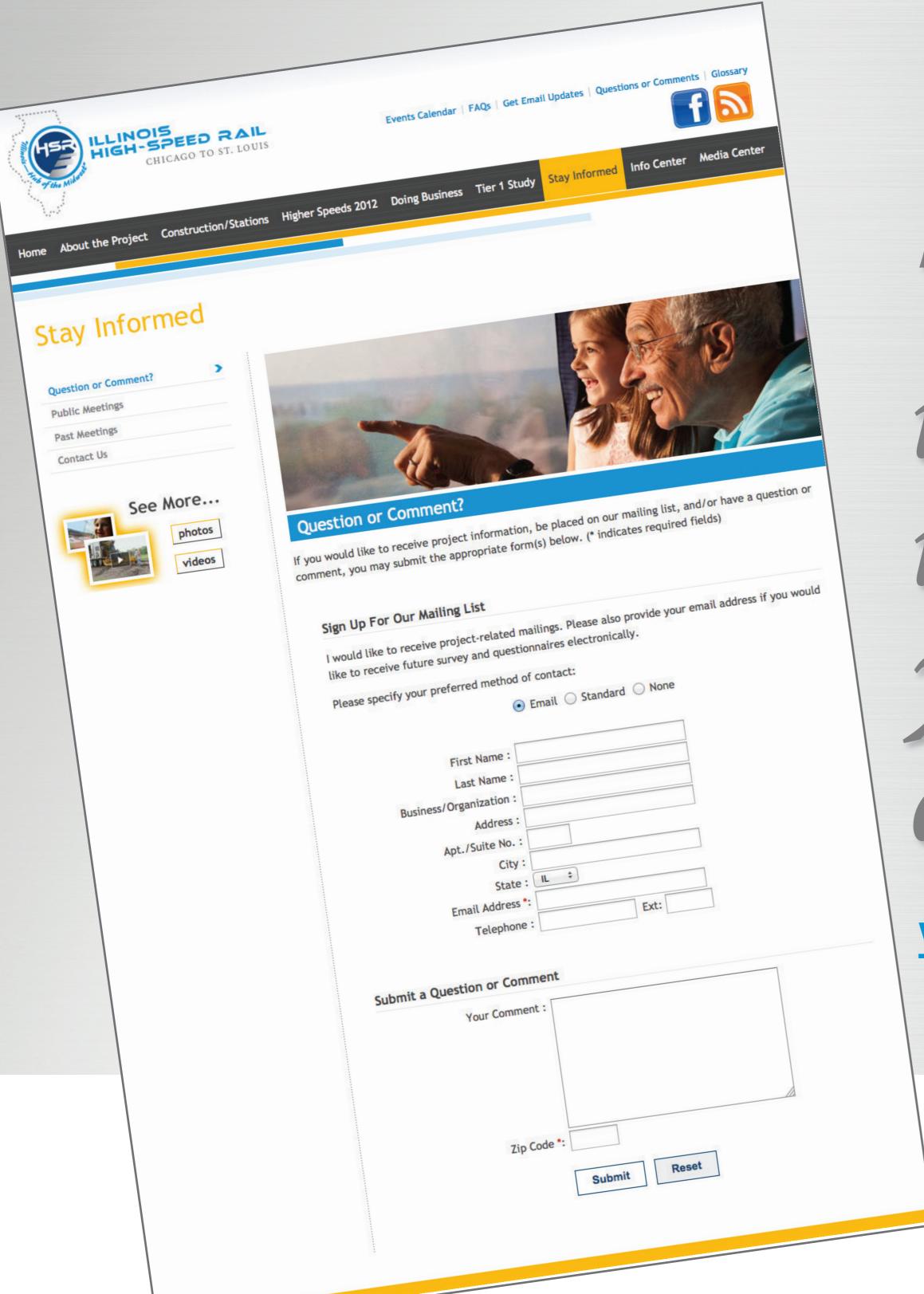


- Public Meetings
- Small Group Meetings
- Program Fact Sheets
- Visit www.idothsr.org for more information or to comment on the Illinois High-Speed Rail Program
- 1-855-ID0T-HSR (436-8477)
- f www.facebook.com/illinoishighspeedrail





#### **Submit Comments**



**EXPERIENCE IT YOURSELF.** 

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





## Program Information

EXPERIENCE IT YOURSELF.

# Get the facts from the Official Source!



Visit idother or program specific information and to comment on the Illinois High-Speed Rail Program;

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

facebook.com/IllinoisHighSpeedRail



