

STAKEHOLDER'S ADVISORY GROUP MEETING MAY 17, 2018

#### **PROJECT REVIEW**

Why is this Project Needed?

- Pedestrian and Vehicular Safety
- Reduce Congestion and Delays
- Eliminate Train Horn Noise
- Increase Springfield's Economic Growth

## SAFETY & DELAYS



### TRAIN TRAFFIC

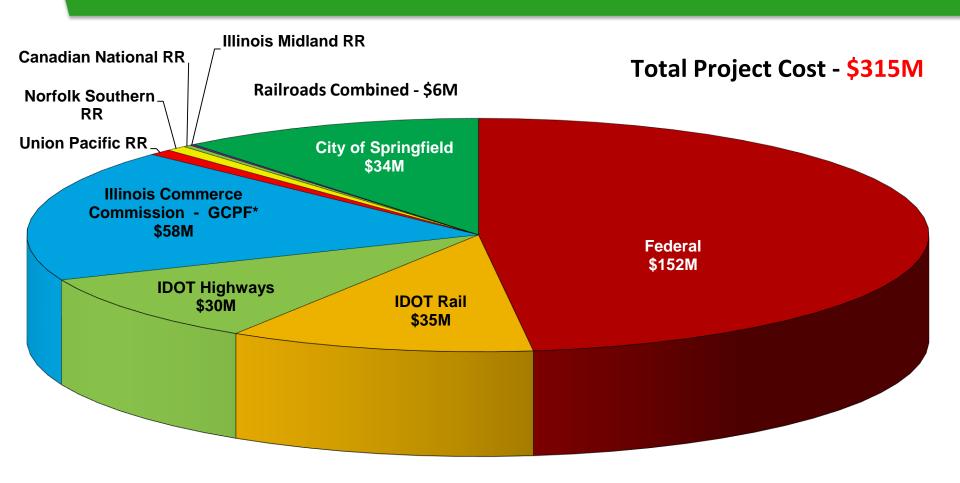
	Current (2010) Rail Traffic	Projected (2030) Rail Traffic
Union Pacific  3 <sup>rd</sup> Street	15	45
Norfolk Southern 10 <sup>th</sup> Street	16	27
Canadian National 19 <sup>th</sup> Street	4	9
TOTAL	35 Trains	81 Trains

#### **FUNDING**

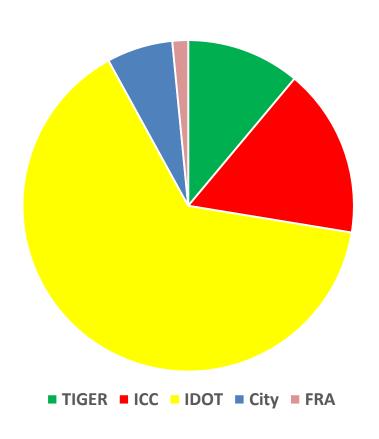


RAIL IMPROVEMENTS PROJECT

## ANTICIPATED PROJECT FUNDING



### **CURRENT FUNDING COMMITMENTS**



**Totals by Funding Source** (Millions)



**Total - \$143 = 45% of Project** 

### **USABLE SEGMENT I**



RAIL IMPROVEMENTS PROJECT

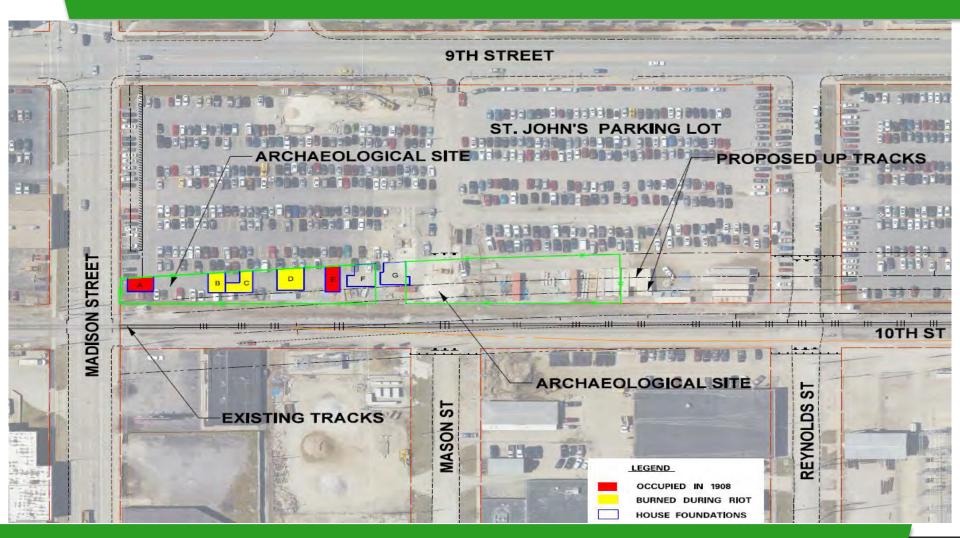
## **CARPENTER STREET UNDERPASS - COMPLETED**



#### **ARCHAEOLOGICAL SITE**



## **CARPENTER STREET PROJECT AREA**



## SITE FINDINGS / HOUSE E





#### **ARCHAEOLOGICAL SITE STATUS**

## Consulting Parties Meetings – July 23, 2015, August 29, 2016 and March 8, 2018

- Possible treatment options/mitigation measures:
  - Data recovery (i.e., excavation and curation of cultural material) for areas directly affected by the railroad project
    - ➤ Educational programming, scholarly research and publication, incorporation into a museum display, site tours, etc.)
  - Preservation-in-place for areas outside of railroad right-of-way
  - Video documentation of excavation
  - Public viewing & interpretation opportunities during excavation
  - Install interpretative signage/memorial at the site describing its history and significance

## LIBRARY OF CONGRESS VISIT



## LIBRARY OF CONGRESS VISIT



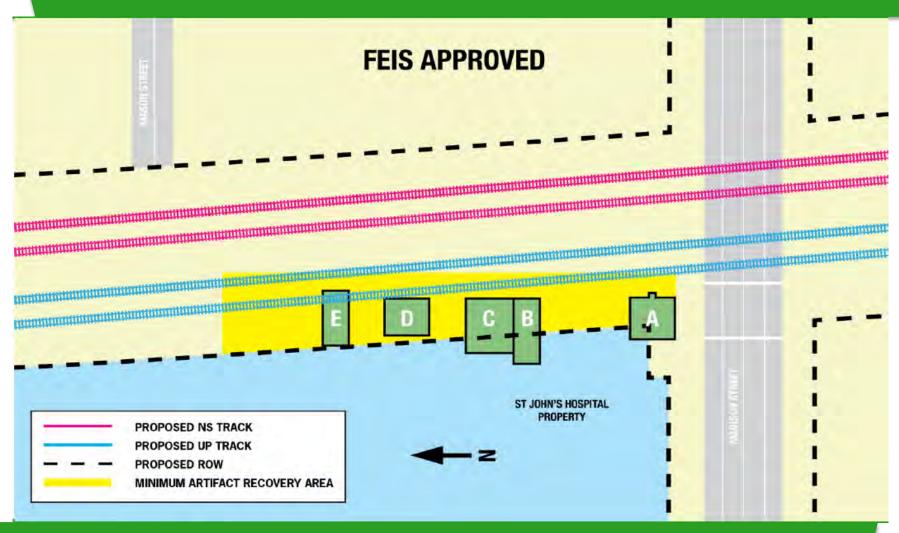
## **ARCHAEOLOGICAL SITE ARTIFACTS**



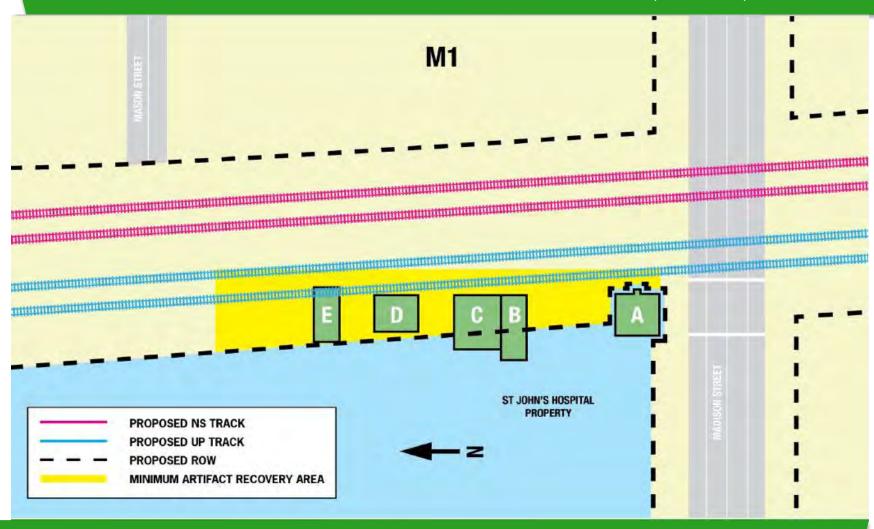
## ARCHAEOLOGICAL SITE ARTIFACTS



## **FEIS ALTERNATIVE - 2012**



## POTENTIAL RAIL OPTION (M-1)

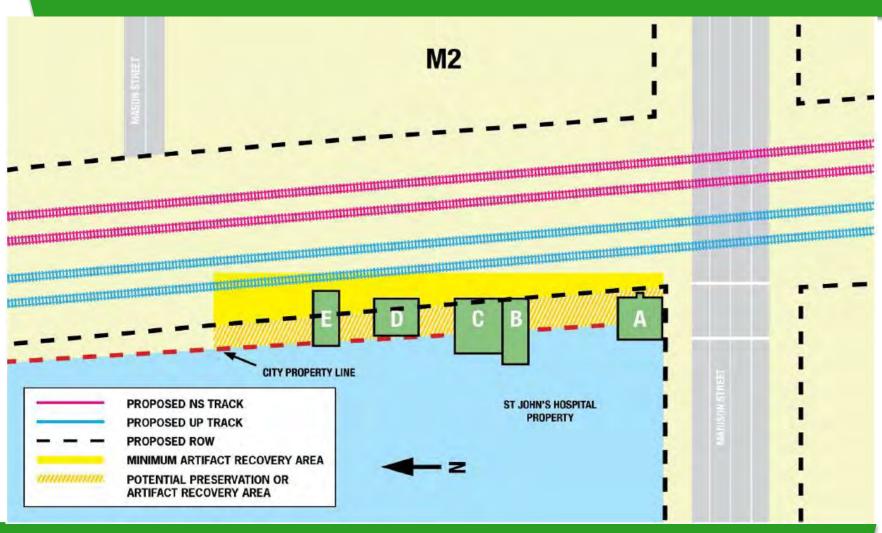


## POTENTIAL RAIL OPTION (M-1)

#### Potential Rail Option M1

- Retains the FEIS track alignment but eliminates the railroad service road and narrows the railroad right-of-way at House A.
- Does not provide all of the railroad design criteria committed to at the beginning of the project since it eliminates the service road at House A
- Requires data recovery from about 13,800 SF of the archaeology site
- Avoids House A and requires a retaining wall to protect House A
- Requires data recovery for all of Houses D and E and for most of Houses B and C

## POTENTIAL RAIL OPTION (M-2)

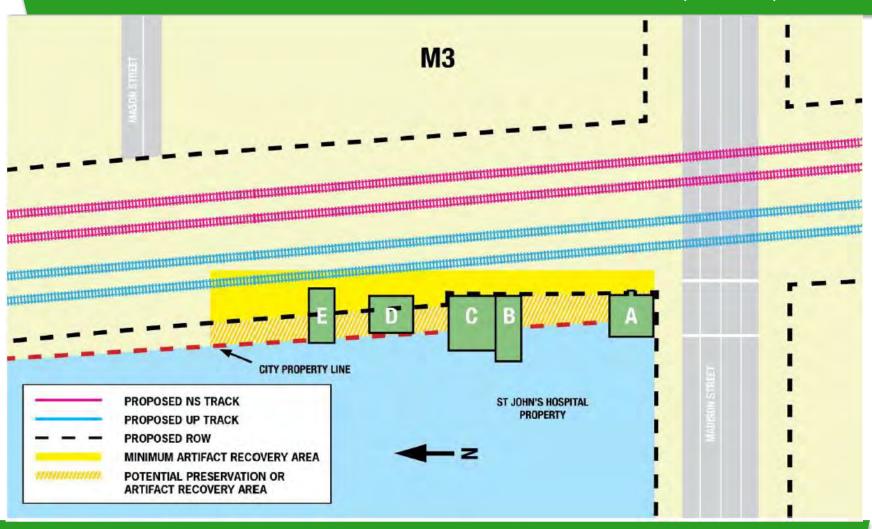


## POTENTIAL RAIL OPTION (M-2)

#### Potential Rail Option M2

- Realigns the tracks and shifts them approximately 22 ft to the east at the archaeology site. This is the maximum possible shift to the east while still maintaining the design speed and avoiding the CWLP substation and the St. John's electric switchgear
- Provides all of the railroad design criteria established at the beginning of the project
- Requires data recovery from about 8,300 SF of the archaeology site.
- Avoids House A
- Requires data recovery from about one half of House E and small portions of Houses D, C and B

## POTENTIAL RAIL OPTION (M-3)

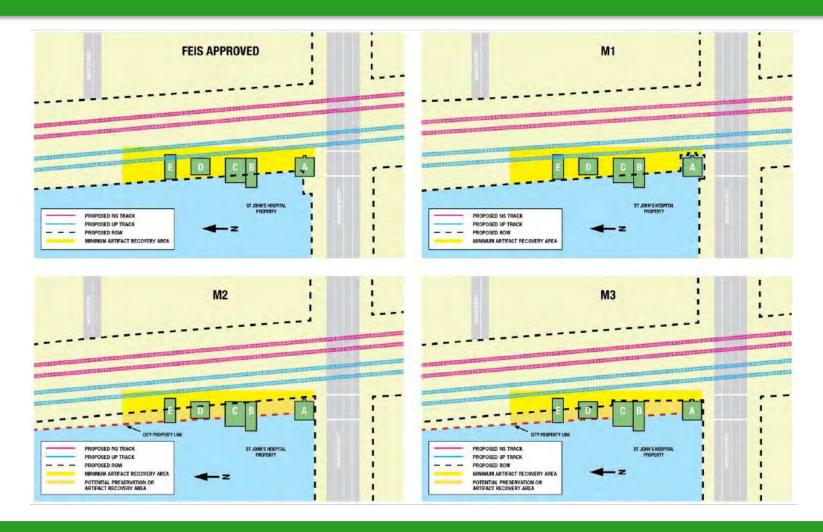


## POTENTIAL RAIL OPTION (M-3)

#### Potential Rail Option M3

- Has the same railroad alignment as M2 but narrows the UP right-of-way and constructs a 150 ft long retaining wall to avoid Houses B and C
- Does not provide all of the railroad design criteria committed to at the beginning of the project since it narrows UP right-of-way by about 8 ft
- Requires data recovery from about 8,100 SF of the archaeology site
- Avoids Houses A, B and C
- Requires data recovery from about half of House E and one third of House D

## POTENTIAL RAIL MINIMIZATION OPTIONS



### **ARCHAEOLOGICAL SITE STATUS**

#### Section 4(f) Process

- Site eligible for the National Register of Historic Places
- FRA met with the railroad companies and they will not compromise their safety and operational design standards
- FRA determined no feasible and prudent Avoidance Alternatives
- FRA moving forward with Minimization Alternative M-2
- FRA reviewing draft Section 4(f) Report

### **USABLE SEGMENT II**



RAIL IMPROVEMENTS PROJECT

## USABLE SEGMENT II ASH & LAUREL STREET UNDERPASSES



#### **USABLE SEGMENT II FUNDING**

## **Ash & Laurel Street Underpasses**

Total Cost - \$50.0 Million

IDOT - \$17.5 M

TIGER - \$14.0 M

ICC - \$15.0 M

FRA - \$2.0 M

City - \$1.4 M

#### **USABLE SEGMENT II**

#### **ASH & LAUREL STREET UNDERPASSES**

- Bids opened August 4<sup>th</sup>, 2017
  - Construction Contract awarded to: Freesen, A Division of United Contractors Midwest, Inc.

Construction: October 2017 – Fall 2020













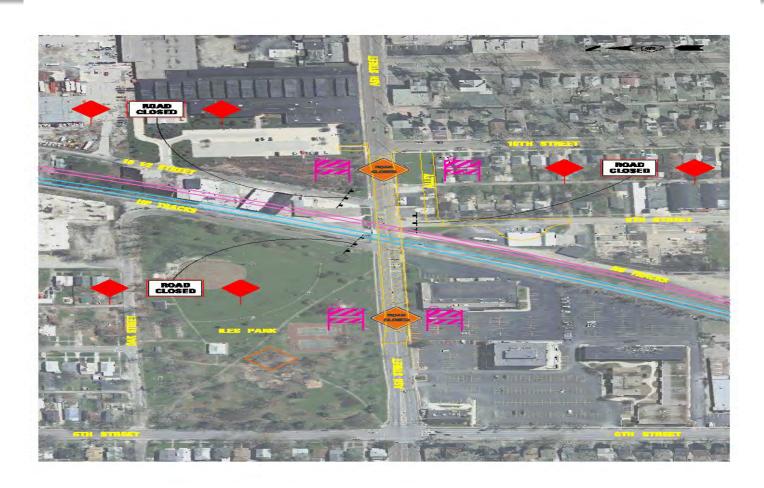
# USABLE SEGMENT II – DECEMBER 16, 2017 GROUND BREAKING CEREMONY



## **USABLE SEGMENT II**



# USABLE SEGMENT II ASH STREET ROAD CLOSURE

























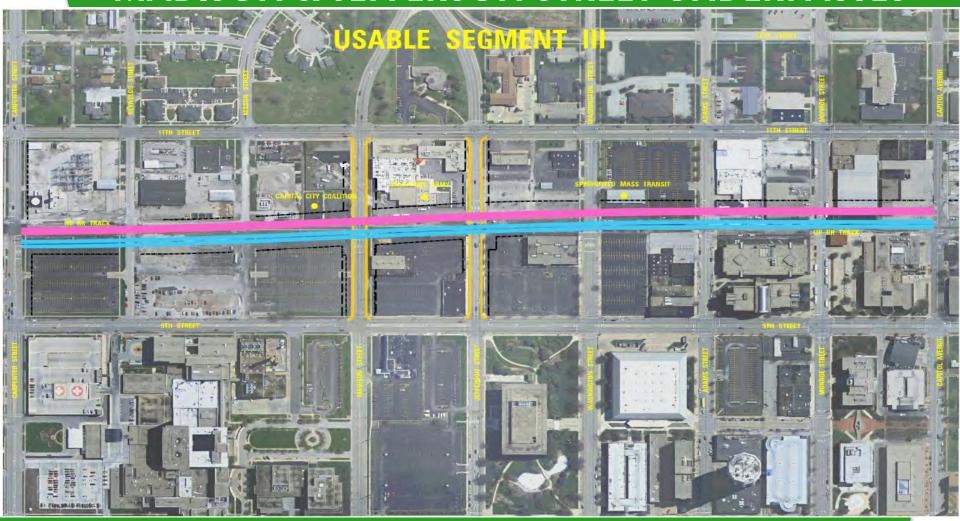


## **USABLE SEGMENT III**



RAIL IMPROVEMENTS PROJECT

# USABLE SEGMENT III MADISON & JEFFERSON STREET UNDERPASSES



### **USABLE SEGMENT III**

### MADISON AND JEFFERSON STREET UNDERPASSES

### Funding

- City (Land Acq) \$5.2 M
- ICC \$14 M (Funding not yet secured)
- USDOT \$16 M (Funding not yet secured)
- IDOT \$11.2 M
   Total \$46.5 M

#### Schedule

- Multimodal Planning Begins Fall 2018
- Design Begins Spring 2019
- Construction Winter 2021-Fall 2022

## **USABLE SEGMENT IV**



RAIL IMPROVEMENTS PROJECT

# USABLE SEGMENT IV PRINCETON TO STANFORD (5th and 6th STREET BRIDGES)



## **USABLE SEGMENT IV**

## PRINCETON TO STANFORD (5th and 6th STREET BRIDGES)

- Funding (Dependent on an approved Transportation Bill)
  - City (Land Acq) \$2.5 M
  - IDOT \$41.6 M
     Total \$44.1 M
  - Schedule
    - Design Begins Summer 2017
    - Land Acquisition Begins Summer 2017
    - Construction Begins Spring 2019
    - Construction Ends Winter 2020

## LAND ACQUISITION



RAIL IMPROVEMENTS PROJECT

## LAND ACQUISITION ASSISTANCE

- Rail Relocation Ombudsman
  - Contact Information:

Ms. Eve Blackwell-Lewis

Phone: 217-685-4817

Email: 4railhelp@gmail.com

## REMAINING GRADE SEPARATIONS

- Ash Street
- Laurel Street
- Jefferson Street
- Madison Street
- North Grand Avenue
- North Grand Avenue Overpass
- South Grand at 19<sup>th</sup> Street
- Ash at 19<sup>th</sup> Street

Not Funded

## REMAINING USABLE SEGMENTS

- Usable Segment I Carpenter Street Underpass
- Usable Segment II Laurel & Ash Streets Underpasses
- Usable Segment IV New Bridges at existing Fifth & Sixth Street Underpasses
- Usable Segment III Madison & Jefferson Streets Underpasses
- Usable Segment IV New Bridges at existing Fifth & Sixth Street Underpasses
- Usable Segment V New Bridges at existing Cook Street & South Grand Avenue
- Usable Segment VI North Grand Avenue Underpass
- Usable Segment VII Remainder of RR grading track work & cutover of UP traffic
- Usable Segment VIII Multimodal Facility, including Amtrak Station
- Usable Segments A, B, C N. Grand Overpass, 19th & South Grand, 19th & Ash St.

## **PUBLIC ENGAGEMENT**



RAIL IMPROVEMENTS PROJECT

## **PUBLIC ENGAGEMENT PROGRAM**

### Vector/FAVOR's Public Engagement Activities

- Created and disseminated three newsletters to community members
- Hosted seven Public Meetings and seven Stakeholder Advisory Group Meetings
- Present Updates at bi-monthly Steering Committee Meetings
- Prepare media briefings and press advisories
- Update project website
- Respond to public correspondence
- Maintain kiosks at the Community
   Relations Building and Lincoln Library
- Offer IDOT Career Training Orientations



# IDOT Highway Construction Careers Program

# HCCTP News

HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM



## CONSTRUCTION COURSES OFFERED IN VARIOUS SKILLS:

- O.S.H.A. 10 Hour Safety
- First Aid/CPR/AED
- Aerial Lift
- Fork Lift
- Mobile Crane
- Crane Signaling
- Skid Steer

## PROJECT CONTACT INFORMATION

### **PROJECT FACT SHEETS**

- Springfield's Office of Community Relations
   1450 Groth Street
- Lincoln Library
   326 South 7<sup>th</sup> Street

### **COMMUNITY OUTREACH**

Lesa Branham - 415-8083

## **LAND ACQUISITION**

Jimmie Austin - 747-9257

**WEBSITE:** www.springfieldrailroad.com **EMAIL:** info@springfieldrailroad.com

## COMMUNITY / STAKEHOLDER PRESENTATIONS

ORGANIZATION	DATE	MEETING TYPE
Stakeholder Advisory Group Meeting	11/10/15	Stakeholder Briefing
Public Informational Meeting	2/11/16	Community Presentation
Minority Contractor's Association	3/17/16	Community Presentation
Stakeholder Advisory Group Meeting	5/19/16	Stakeholder Briefing
Illinois School Board Meeting	6/16/16	Community Presentation
Public Informational Meeting	8/4/16	Community Presentation
Illinois Association of County Engineers	9/29/16	Community Presentation
Stakeholder Advisory Group Meeting	11/10/16	Stakeholder Briefing
Kiwanis Club - Springfield	1/11/17	Community Presentation
Kiwanis Club - Jacksonville	3/23/17	Community Presentation

## PROJECT NEWSLETTER / WEBSITE



#### IN THIS ISSUE

- 1 Carpenter Street Update
- Next Construction Segment
- Archaeological Site Findings
- 2 Project Funding Status
- 2 Land Acquisition
- 3 Minority Participation 3 Project Resource
- Center
- 3 Other Rail Project Updates
- 4 Public Open Houses

#### **Carpenter Street Update**

The Carpenter Street Underpass Project is the first funded usable segment of the Springfield Rail Improvements Project and is a recipient of a 2013 U.S. Department of Transportation, Transportation Investment Generating Economic Recovery (TIGER) Grant. The project is intended to reduce congestion, improve safety and provide improved access to area hospitals from locations east of 11th Street.



Work on the Carpenter Street Underpass began in September of 2014. The contractor has completed all of the foundation work for the bridge and walls, completed the Norfolk Southern and Union Pacific bridges, and begun excavation for the underpass roadway.

Next steps are to complete excavation work and building walls. Construction is on schedule, on budget and is anticipated to be completed in the summer of 2016. The project's National Environmental Policy Act (NEPA) Record of Decision (ROD) includes a commitment for continuing coordination between Federal Railroad Administration (FRA) and the Illinois Historic Preservation Agency for the evaluation of potential

archaeological resources within the project area. (Learn more about the archaeological site on Page 2.)

#### PUBLIC OPEN HOUSE

Thursday, February 11, 2016 4:00 p.m. - 7:00 p.m.

Come anytime, there is no formal presentation. This open house is the next in a regular series of meetings to keep the public informed of the project's progress. A station for written public comments will be provided throughout the event. An open microphone will be available from 6:00 to 7:00 p.m. for verbal public comments.

Prairie Capital Convention Center\*

1 Convention Center Plaza
Springfield, IL 62701

This facility is ADA accessible

#### Next Construction Segment

Usable Segment II is the next rail piece of the Springfield Rail Improvements Project that is scheduled for construction. This segment will consist of constructing new underpasses at Ash and Laurel Streets in the 10th Street corridor. It will also include construction of railroad embankment, drainage, and track from South Grand Avenue to south of Ash Street. Construction will be staged to allow either Ash Street or Laurel Street to remain open at all times,

Design plans for this portion of the project are nearing completion. The City is continuing to work with state and federal representatives to identify the necessary funding to move this segment forward. The City will proceed with the purchase of residential property for Usable Segment II once the funding agreement is in place.





### Springfield Rail Improvements Project

Welcome to the Springfield Rail Improvements Project website! The City of Springfield is leading this rail consolidation effort in cooperation with Sangamon County and the Illinois Department of Transportation (IDOT). This project will relocate all passenger and freight traffic from the Third Street conditor to Tenth Street construct readway underpasses at critical rail crossion both the Tenth and Nineteenth Street confidors; and eliminate train homs in the City between Stanford Avenue and Sangamon Avenue.

This project is being conducted in segments with a focus on planning and design, land acquisition, and eventually construction.

While IDOT has provided funding for planning and design, land acquisition and construction will take place as funding becomes available.

Everything you need to know about this project – its goals and ways to get involved and give your input – can be found on this website. Visit often for the latest updates and/or sign up to receive periodic email notifications.





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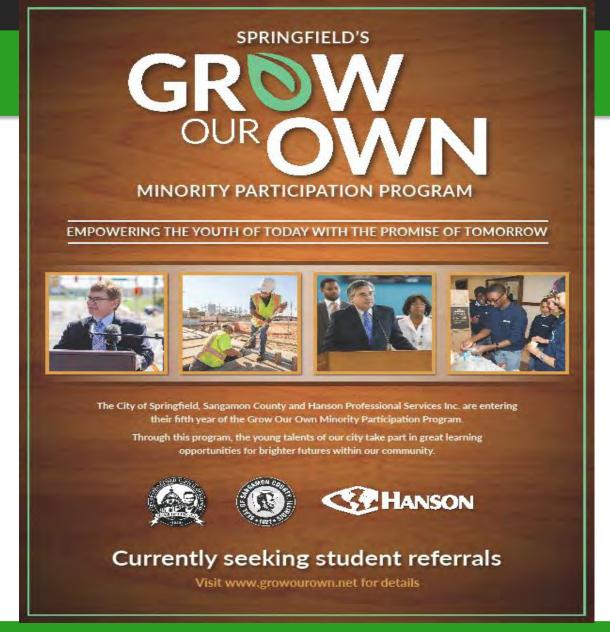


For More Information

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## **PUBLIC MEETING – FEBRUARY 15, 2018**





## Grow Our Own Minority Participation Program

Home

About The Program

**Get Involved** 

Program Documents Y

Links

Contact Us



- In The News
  - · Illinois PE's Firm Seeks To Diversify
  - · Officials Announce Details Of Plan
  - Springfield Program To Promote Engineering
  - Minority STEM Program Successful

"This program is a good demonstration of what we can accomplish if we work together modestly to achieve a goal."

– Andy Van Meter, Sangamon County Board Chairman







## U of I Engineering Open House - 2018



## Michigan Tech Rail & Intermodal **Summer Camp Program - 2018**

#### JOIN US FOR A FANTASTIC WEEKLONG EXPLORATION!

Rail and Intermodal Transportation explorations all week long, including hands-on and classroom activities! Several field visits will give you a first-hand look at the Rail and Intermodal Transportation industry-the people who keep the world on the move. Learn about railroad track structure, railyard operations, how truckers do their work, and many more facets of this fascinating industry, all while staying in the beautiful Lake Superior Region of Michigan, Wisconsin and Minnesota.

#### SPACE IS LIMITED SIGN UP EARLY!

Application Deadline: May 1st | Scholarships Available

Information and Applications are now available online at: http://syp.mtu.edu.

WWW.SYP.MTU.EDU/DOCS/RAIL APP 2018.PDF











#### COMMON FIELD VISITS INCLUDE:

BNSF's Superior Yard, Yardmaster's Office and Repair Shops LS&I's Eagle Mills Yard, Dispatching and Maintenance Facilities

**CLEVELAND-CLIFF's Tilden Mine Train Loading Facilities** 

HALVOR LINES's Superior Terminal, Offices and Truck Simulator

NORTH SHORE SCENIC RAILROAD

and LAKE SUPERIOR RAILROAD MUSEUM

DTE's Superior Midwest Energy Terminal, including their rotary dumper

QUINCY MINE's Historic Railroad and Mining operations in Hancock, MI



#### GENEROUSLY SPONSORED BY









OUESTIONS? CONTACT US! David Nelson | dannelso@mtu.edu | 906-487-1734 | www.rail.mtu.edu



9TH ANNUAL Summer Youth Program:

### Rail & Intermodal Transportation

FOR STUDENTS ENTERING GRADES 9-12

JULY 8-14, 2018



Rail Transportation Program
Michigan Tech Transportation Institute • Michigan Technological University





# Michigan Tech Rail & Intermodal Summer Camp Program - 2018

>Zaire Harris

> Jacquez Stewart

## Hanson's Summer Internship Program - 2018



## Hanson's Summer Internship Program - 2018

- > Christian Moore
- > Alex Diop
- > Christina Thomas
- > Zaire Harris







## **Shadow Hanson!**

Civil, Mechanical, Electrical, Structural & Geotechnical Engineering

Biology Water Resources Surveying Building Environmental Science Energy and Industry Telecommunications

## November 3, 2017 Memorial Center for Learning and Innovation, Room 2A

You can build a great career by building railway and transportation systems, highways, bridges, airports, structures and more! Shadow Hanson is your chance to learn about jobs in engineering and the experiences of Hanson team members. This year's event will feature a "How We Built It" overview of the Springfield Rail Corridor project and a tour of the Memorial Center for Learning and Innovation from "The Engineer's Perspective." Students who have a passion for math, science or engineering are encouraged to attend!

#### **AGENDA**



9:15 - 9:45 10:00 - 11:30 11:30 - 11:45 11:45 - 12:30 12:30-1:00 1:00-1:30 1:30 Arrival/Breakfast
How We Built It: Insights into Engineering
Tour of MCLI: The Engineer's Perspective
Hands-on Demonstrations
Boxed Lunch
Behind the Scenes Discussion Panel
Departure





## OTHER SPRINGFIELD RAIL PROJECTS



## **ASSOCIATED SPRINGFIELD RAIL PROJECTS**

• Third Street Improvements – construct safety improvements including fencing, bridges, and roadway improvements through the summer of 2018.

## **THANK YOU**



RAIL IMPROVEMENTS PROJECT