I-74 Mississippi River Bridge Project

Maintenance of Traffic Impacts to Local Roads

2023 Municipal Streets Seminar

Aging infrastructure

Improving Safety & Mobility
One of Iowa & Illinois’ largest projects in history

- **$1B corridor improvement**
- **Led by Iowa DOT in coordination with Illinois DOT**
- **5 years of construction**
- **240,000 cubic yards of concrete**
- **70 M pounds of structural steel**
- **30 M pounds of reinforcing steel**

A signature landmark crossing over the nation’s largest river

Leading with a Vision

“Local government, states, agencies, business groups, and others working together, speaking with a unified voice.”

Bringing Interstate travel into the 21st century in the Quad Cities

2022 Multi-Award Winning Bridge

A landmark bridge the community and region can be proud of.
Enough about the bridge... on to the traffic discussion

**Staging Plan**
- Simplified staging
- Construction started: July 2017
- Planned duration: 3 ½ yrs

**2019—** The ‘only’ year of Interstate detours on local routes

**Preparation for 2019 Traffic Impacts**
Local Roads Improvements
Preparing for WB I-74 Detour

Complex projects require extensive coordination

Community Coordination
- Bettendorf, Moline, Davenport, and Rock Island
  - Weekly construction meetings
  - Monthly PIO meetings
- Emergency services coordination
  - Police and fire departments, CARS, MABAS43
- River traffic coordination
  - Channel Cat, marinas
- Event coordination
  - QC Marathon, Floazzle, YMCA Regatta

Public Outreach
- Media outreach
- Press releases
- News conferences
- Detour maps and video
- Eblast and social media announcements
- Website announcement with detour maps
- Provide detour materials to cities, chambers
- Speaker’s bureau
- Webcams
- Virtual Reality Experience

WB I-74 is Detoured
WE MAY BE CHANGING YOUR ROUTE, BUT NOT YOUR DESTINATION.

Access to downtown, businesses, and special events will be open through construction.
Challenges & Solutions

Navigate schedule impacts
Adapt to improve access throughout construction
Come hell or high water

Challenges & Solutions

Iowa Side
Challenges & Solutions
Illinois Side

2019: Westbound Local Traffic Management
Pinch Points & Improvements

- **Train delays** in Moline
  - Approximately 12-18 minutes on average
  - 5-15 trains per day on average
- **Dual right turn-lanes** not used in certain locations
  - Removed dual turn-lanes
  - Free-flow right turn onto the Iowa-bound ramp
- **Traffic stopping in intersections** and on RR tracks
  - Signs installed

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**EB Modified Traffic Pattern**

Required NEPA re-evaluation

Public meeting held<br>Dec. 11, 2019

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**WB Modified Traffic Pattern**

Becki Hart Morning commute at 7 was amazing! Thank you so much Bridge Coroll! I anticipated this year to be long and horrible, but you've continually looked for ways to improve and smooth out our commute.

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11/16/2023
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General Traffic Trends

- Public outreach influences driver behavior
- Number of motorists traveling through the corridor lower than anticipated
- Each community (and its drivers) is a bit different
  - Flexibility will be needed
  - Level of service expectations

Proactive Public Engagement

- 1.4 M website views
- 30,000+ public comments
- 22,000+ social media followers
- 100+ media interviews
- 100+ tours and presentations

Celebrating Success

“Behind the Scenes” View

Thomas Rauentree: This is simply stated, amazing. I watch this project process every day and am constantly amazed. Great job to all and above all, stay safe. Next goal, Illinois bound. So proud of all involved and thanks for these great updates.
A grand celebration

Inspiring awe & pride

"That was very enjoyable and very memorable. My 10-year-old will forever remember this."

Making lives better through transportation

“Just the start of great things to come.”

Bold leadership, collaboration, and teamwork
Thank You

Questions?