PROGRAM OVERVIEW
PROGRAM NEED

» Does not meet current interstate design standards

» System does not accommodate traffic needs
IOWA DOT’S LARGEST HIGHWAY FUNDING EFFORT

$126 Million Programmed for 2018

$238 Million Programmed for Segment 4

AWARDED = $591 MILLION

$150 MILLION $140 MILLION $151 MILLION $150 MILLION


NEXT 6 YEARS $704 MILLION

$586 MILLION PROGRAMMED

2022 2023

GETTING YOU THERE COUNCIL BLUFFS INTERSTATE
CONSTRUCTION COMPLETED
BY THE NUMBERS

The Council Bluffs Interstate System Improvement Program has been active since 2008. The statistics on this page give a snapshot of the magnitude of work completed in 2016.

- 41,000 Cubic yards of concrete poured
- 123,000 Square feet of bridge deck poured
- 3,000 Linear feet of pipe
- 3,100 Tons of reinforcing steel

- 7.2 Miles of railroad track laid
- 1,200,000 Cubic yards of earthwork moved
- 260,000 Square yards of concrete paving
- 3,400 Linear feet of retaining wall
- 6,500 Tons of structural steel for bridges
2017 CONSTRUCTION PROJECTS
2017 CONSTRUCTION PROJECTS
2017 CONSTRUCTION PROJECTS

GETTING YOU THERE COUNCIL BLUFFS INTERSTATE
2017 CONSTRUCTION PROJECTS

[Map showing construction projects in Council Bluffs, IA]
2017 CONSTRUCTION PROJECTS

[Image of construction project site]

[Map showing Council Bluffs area with highlighted construction project]
FUTURE PROJECTS
Reconstruction will address capacity needs, improve safety, and correct functional design issues.

Currently conducting environmental studies and conceptual design to identify a single preferred alternative.

**Project Development Milestones**

<table>
<thead>
<tr>
<th>Environmental Studies</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
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</thead>
<tbody>
<tr>
<td>Interim Project: Construction</td>
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<td>Project Design</td>
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<td>Right-of-Way Acquisition</td>
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<td>Anticipated Construction Start</td>
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PREFERRED ALTERNATIVE

- Reconstruction of the interchange between I-29 and I-480
- A combined interchange system connected by one-way frontage roads
- Access between 9th Ave. and I-480 is provided by slip ramps, similar to existing conditions
- The 41st St. interchange will be relocated to 40th St. and will provide direct access to I-480 and West Broadway
- Removal of the interchange at 35th St.

- Combined interchange system connects 9th Ave., 2nd Ave., West Broadway, and Ave. G
- One-way frontage roadways will provide access between I-29 and West Broadway
SCHEDULE

1. Complete Environmental Study & issue FONSI – Fall, 2017
2. Right-of-Way Acquisition 2017-2019
3. Final Design Phase 2018-2019
4. Begin Construction Spring, 2020
TRAFFIC & AWARENESS
» Transportation Management Plans
  » Purpose – Safety, Traffic Flow, Minimize Impacts
  » Use – Design Through Construction
  » Elements – Speeds, Lane Widths, Incident Management, Work Restrictions, Closure Periods, Performance Criteria
The metro area responders are working together to improve the on-scene safety of our first responders and members of our community and reduce congestion on our highways.
PUBLIC OUTREACH IN 2016

1. **STAKEHOLDER MEETING**
   - 250 Attendees
   - Program meetings were held with elected officials, local businesses/stakeholders, and the general public during 2016. This included a pre-construction season public meeting at the Program office in March 2016.

2. **GUEST SPEAKER PRESENTATIONS**
   - 430 Attendees
   - The Program responded to numerous requests to speak at civic group meetings and other venues to inform interested stakeholders of the Program and answer their questions.

**ONLINE ENGAGEMENT IN 2016**

- **WEBSITE**
  - 43,474 Pageviews
  - 14,944 Visitors

- **FACEBOOK**
  - 354 Followers
  - 919 Posts
  - 162,446 Impressions

- **MAILING LIST**
  - 411 Members
  - 28% Growth in 2016

- **ONLINE MEETING**
  - 832 Visitors

- **ALERTS**
  - 22 Traffic alert emails sent to emergency responders

- **TWITTER**
  - 360 Followers
  - 908 Tweets
  - 153,561 Impressions
PROGRAM MANAGEMENT TECHNIQUES
PROGRESS REPORTING
CURRENT CBIS CONSTRUCTION SPECIFICATION

» Resource Loaded Schedule with clear Critical Path required in Primavera

» AGC coordination in development of spec

» Base Schedule and Monthly Updates
CONSTRUCTION SCHEDULING SPECIFICATION

SCHEDULING SPEC RESULTS TO DATE

» Implemented on seven contracts ($355M total) to date

» Integral to Construction Project Controls

» Expanded focus - critical path project activities

» Provides Owner confidence in milestone dates (major traffic shifts, major interim completion dates)

» Spec has been modified based on contractor/DOT feedback
QUESTIONS?