The Council Bluffs Interstate System Improvement Program participated in Celebrate CB in 2014 to engage with the community.

The I-80 bridge connecting Omaha and Council Bluffs over the Missouri River was completed in 2012.

The I-29 northbound ramp was completed in fall 2014.

West System Interchange - I-29 northbound ramp.

Bridge girders for the I-29 northbound ramp of the West System Interchange.
# TABLE OF CONTENTS

1. **Program Overview**
2. **Public Outreach**
3. **Program Status**
4. **By the Numbers**
5. **Moving Forward**
Iowa DOT is in the process of reconstructing I-80, I-29 and I-480 in the Council Bluffs/Omaha metropolitan area. This comprehensive interstate redesign, known as the Council Bluffs Interstate System Improvement Program, will modernize the highway system and improve mobility and safety in the area.

The Council Bluffs Interstate System Improvement Program is the single largest endeavor in Iowa DOT’s five-year Transportation Improvement Program.

**PROGRAM OVERVIEW**

**PROGRAM GOALS**
- Modernize 18 miles of interstate
- Accommodate planned development along the Corridors
- Reduce traffic congestion
- Improve the visual landscape

**TOTAL PLANNED**
- **BRIDGES**
  - 32
- **INTERCHANGES**
  - 15
- **INTERSTATE**
  - 18
- **HIGHWAY**
  - 135

**COMPLETED TO-DATE**
- **BRIDGES**
  - 5
- **INTERCHANGES**
  - 1
- **INTERSTATE**
  - 3
- **HIGHWAY**
  - 32

Bridge construction for the new U.S. 275/ Iowa 92 westbound lanes
2014 SNAPSHOT:
- 6 projects were actively under construction
- 7 projects were designed
Program Highlights

The construction projects below were prioritized based on the highest volume of vehicles and benefits in terms of traffic management, improved safety and increased vehicle capacity in the urban area of the interstate system.

The Council Bluffs Interstate System Improvement Program has identified several future projects that are necessary to satisfy the overall mission of the program.

Completed projects

<table>
<thead>
<tr>
<th>ID</th>
<th>Highlights</th>
<th>Estimated vs. Actual cost and construction time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>COST</strong></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Estimated: $26M</td>
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<tr>
<td></td>
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<tr>
<td></td>
<td></td>
<td><strong>TIME</strong></td>
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<tr>
<td></td>
<td></td>
<td>Estimated: 2 years, 3 months</td>
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<tr>
<td></td>
<td></td>
<td>![Spent To-Date: 2 years, 3 months](Spent+To-Date%3A+2 years%2C+3+months)</td>
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<tr>
<td>2</td>
<td></td>
<td>Estimated: $19M</td>
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<tr>
<td></td>
<td></td>
<td><strong>TIME</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Estimated: 2 years, 4 months</td>
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<tr>
<td></td>
<td></td>
<td><img src="Spent+To-Date%3A+2+years%2C+4+months" alt="Spent To-Date: 2 years, 4 months" /></td>
</tr>
</tbody>
</table>

Map Key: The numbered dots on the map refer to the ‘ID’ column in the table below and to the right.

The I-29 southbound ramp was completed on schedule in fall 2014.

The I-29 southbound lanes and eastbound 24th Street exit were completed in fall 2014.
## Active projects

<table>
<thead>
<tr>
<th>ID</th>
<th>Highlights</th>
<th>Estimated vs. Actual cost and construction time</th>
</tr>
</thead>
</table>
| 3  | **Project:** I-80/I-29 Dual, Divided Freeway, Phase I  
**Highlights:** Completed I-29 northbound/I-80 westbound lanes and 24th Street entrance and exit ramps |  
**Cost** Estimated: $15M  
Spent To-Date: $14M  
**Time** Estimated: 1 year, 11 months  
Status To-Date: 86% |
| 4  | **Project:** U.S. 275/Iowa 92 Interchange, Phase I  
**Highlights:** Launched construction and began installation of girders for new westbound bridge |  
**Cost** Estimated: $88M  
Spent To-Date: $53M  
**Time** Estimated: 1 year, 11 months  
Status: 59% |
| 5  | **Project:** East System Interchange, Phase I  
**Highlights:** Launched construction and completed grading/paving of 29th & 23rd Avenues |  
**Cost** Estimated: $13M  
Spent To-Date: $5M  
**Time** Estimated: 1 year, 8 months  
Status: 33% |
| 6  | **Project:** I-80/I-29 Dual, Divided Freeway, Phase I  
**Highlights:** Completed pavement of alleyway and grading for new ramps and lanes, and began construction of noise wall on I-29 northbound from Indian Creek to Iowa 192/South Expressway |  
**Cost** Estimated: $11M  
Spent To-Date: $7M  
**Time** Estimated: 1 year, 8 months  
Status: 64% |
2014 PROJECT SPOTLIGHT

West System Interchange
Phase I

Reconstruction of the West System Interchange will provide for efficient and safe vehicle movement on both I-29 and I-80 systems. An increase in the number of travel lanes and separation for both I-80 and I-29 will allow motorists to reduce the number of lane changes needed between I-80 and I-29.

The project includes full reconstruction of the system to system interchange, providing full access from I-80 and I-29 to the I-80 express lanes and the I-80/I-29 local lanes in the dual, divided freeway.

The new I-29 southbound and northbound ramps were opened in the fall of 2014, an important milestone for the Council Bluffs Interstate System Improvement Program. The next phase of work for the West System Interchange will begin this summer 2015.
Council Bluffs Interstate System Improvement Program construction started in 2008 and is ongoing. Numerous projects will be constructed to fully implement the complete vision of the improvement program over the next seven to 10 years. Individual projects are being strategically grouped and completed to maximize improvements to the system while simultaneously minimizing the impacts of construction to Council Bluffs residents and the traveling public.

**Accelerated Schedule**

The new approach allows the program team to receive feedback from the public and contracting community in a variety of ways and gives the team multiple opportunities to apply that feedback toward improving program delivery. Ultimately, this means Iowa DOT will produce a better interstate system more quickly and with fewer impacts to the traveling public.

### RELATED WORK

**I-80 Pavement Replacement**

Iowa DOT completed improvements to the I-80 westbound lanes just east of the Madison Avenue interchange in Council Bluffs in the summer 2014. The subsurface drainage system led to an uneven roadway surface and degradation of the pavement in this area.

To prevent this issue from reoccurring the existing pavement was replaced and the subsurface drainage system was improved. Construction began in August 2014 and was completed in two months.

**The I-80 Pavement Replacement project was completed in 2014**

### 2014 SNAPSHOT

<table>
<thead>
<tr>
<th>PROJECTS</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>West System Interchange (Phase I)</td>
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<tr>
<td>West System Interchange (Phase II)</td>
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<tr>
<td>I-80/I-29 Dual, Divided Freeway (Phase I)</td>
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<td>I-80/I-29 Dual, Divided Freeway (Phase II)</td>
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<tr>
<td>I-29 and U.S. 275/Iowa 92 Interchange (Phase I)</td>
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<tr>
<td>East System Interchange (Phase I)</td>
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<tr>
<td>I-29 and U.S. 275/Iowa 92 Interchange (Phase II)</td>
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<tr>
<td>Railroad Relocation</td>
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<tr>
<td>NDOR I-80: 24th Street to 13th Street</td>
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<tr>
<td>West System Interchange (Phase II)</td>
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<td></td>
</tr>
<tr>
<td>East System Interchange (Phase II)</td>
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</tbody>
</table>

**Design** | **Construction**
Public Outreach

2 Public Meetings
The Program Launch meeting was held in January 2014 and a meeting for the I-29 & U.S. 275/IA 92 Construction project was held in March 2014.

[259 attendees]

5 Community Events
The Program hosted booths at Farmer's Market's, Celebrate CB, LoessFest, Westfair, and Iowa League of Cities in 2014 to provide the public information about the Program.

[353 attendees]

16 Guest Speaker Presentations
The Program responded to several requests to speak at civic group meetings and other venues to inform interested stakeholders of the Program and answer their questions.

[304 attendees]
ONLINE ENGAGEMENT

46,744 Pageviews

9,458 Visitors

WEBSITE

ONLINE MEETING

FACEBOOK

TWITTER

MAILING LIST

ALERTS

Key

25

250

2,500

1. 25%

2. 250%

3. 2,500%

I-29 & U.S. 275/IA 92
Online Meeting

1,102 Visitors

109 Followers

1,031 Posts

7,679 Impressions

844,576 Impressions

290 Members

42% growth in 2014

30 traffic alert emails sent to Emergency Responders
The Iowa Transportation Commission and DOT recognizes that the Council Bluffs Interstate System Improvement Program is the largest interstate highway funding effort in the state's history. To successfully implement this Program, the Iowa DOT will look for all opportunities to effectively and efficiently turn this significant commitment of resources into successfully implemented highway improvement projects.

MSE Wall Construction near I-29 and U.S. 275/IA 92

<table>
<thead>
<tr>
<th>YEAR</th>
<th>DOLLARS ALLOCATED PER YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>$140M</td>
</tr>
<tr>
<td>2015</td>
<td>$138M</td>
</tr>
<tr>
<td>2016</td>
<td>$130M</td>
</tr>
<tr>
<td>2017</td>
<td>$91M</td>
</tr>
<tr>
<td>2018</td>
<td>$96M</td>
</tr>
<tr>
<td>2019</td>
<td>$69M</td>
</tr>
</tbody>
</table>

Projects Let

- 8 LET
- 17 REMAINING

Money Spent

- $270M SPENT
- $523M PROGRAMMED
- $167M PLANNED
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 2014.

- **209,000** Square feet of bridge deck poured
- **10,000** Linear feet of pipe
- **400** Construction workers
- **3,000** Tons of reinforced steel
- **71** Storm drains
**Hours worked**: 720,000

**Cubic yards of earthwork moved**: 1,000,000

**Cubic yards of concrete poured**: 78,000

**Tons of structural steel for bridges**: 5,000

**Lane-miles of completed lanes**: 14

**Linear feet of retaining wall**: 3,000

**Linear feet of noise wall**: 2,000

**RIGHT-OF-WAY**

- **114 parcels purchased**
- **111 parcels cleared for construction**

**PARCEL TYPES**

- Residential: 27
- Commercial/Industrial: 43
- Other: 29
- Agriculture: 15
Construction projects are prioritized based on the highest volume of vehicles and benefits in terms of traffic management, improved safety and increased vehicle capacity in the urban area of the interstate system. The Council Bluffs Interstate System Improvement Program has identified several future projects that are necessary to satisfy the overall mission of the program.

Future projects include construction on I-29 north of the Union Pacific Railroad Bridge to a point just west of 25th Street. Currently, the plans for this project include the I-29/I-480/West Broadway system interchange and interchanges at 41st Street, Avenue G, Ninth Avenue and 35th Street. Two concepts are under consideration for these project improvements. Both concepts provide direct access to West Broadway from I-29 via one-way frontage roads as determined in the Tier 1 Final Environmental Impact Statement.

Another future project addressed in the Tier 1 Final EIS is extending I-80 improvements northeast of the Madison Avenue interchange to east of the U.S. 6/Kanesville Boulevard interchange.

### ACTIVE PROJECTS IN 2015

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Type of work scheduled for 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-80/I-29 Dual, Divided Freeway (Phase I)</td>
<td>Construction</td>
</tr>
<tr>
<td>I-29 and U.S. 275/Iowa 92 Interchange (Phase I)</td>
<td>Construction</td>
</tr>
<tr>
<td>East System Interchange (Phase I)</td>
<td>Construction</td>
</tr>
<tr>
<td>I-29 and U.S. 275/Iowa 92 Interchange (Phase II)</td>
<td>Construction</td>
</tr>
<tr>
<td>Railroad Relocation</td>
<td>Design and construction</td>
</tr>
<tr>
<td>West System Interchange (Phase II)</td>
<td>Design and construction</td>
</tr>
<tr>
<td>East System Interchange (Phase II)</td>
<td>Design and construction</td>
</tr>
<tr>
<td>Nebraska Avenue Interchange</td>
<td>Design</td>
</tr>
<tr>
<td>Union Pacific Railroad Bridge</td>
<td>Design</td>
</tr>
<tr>
<td>East System Interchange (Phase III)</td>
<td>Design</td>
</tr>
<tr>
<td>I-80/I-29 Dual, Divided Freeway (Phase II)</td>
<td>Design</td>
</tr>
</tbody>
</table>
FUTURE PROJECTS:

- I-29 including the I-29/ I-480/ West Broadway System Interchange

FUTURE PROJECTS:

- North section of I-80 including the US 6 (Kanesville Blvd) Interchange

2015-2022:

- Interstates I-29 and I-80, including the Dual, Divided Freeway

- NDOR I-80: 24th St to 13th St
## Key 2015 Projects

<table>
<thead>
<tr>
<th>Status</th>
<th>Highlights</th>
<th>Estimated vs. Actual cost and construction time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project includes:</strong></td>
<td>I-29 and U.S. 275/Iowa 92 Interchange (Phase I)</td>
<td>Estimated: $88M</td>
</tr>
<tr>
<td><strong>Highlight:</strong></td>
<td>Westbound lanes and bridge will be reconstructed and opened to traffic.</td>
<td></td>
</tr>
<tr>
<td><strong>Estimated:</strong></td>
<td>2 years, 1 month</td>
<td>Spent To-Date: $53M</td>
</tr>
<tr>
<td><strong>Status:</strong></td>
<td>59%</td>
<td></td>
</tr>
</tbody>
</table>

**COST**

**TIME**

| Project Include:         | East System Interchange (Phase I)                                       | Estimated: $13M                                  |
| **Highlight:**          | 1,132,209 cubic yards of earthwork will be coming in for embankment and grading work this spring. |
| **Estimated:**          | 1 year, 8 months                                                         |                                                 |
| **Status:**             | 34%                                                                       |                                                 |

**COST**

**TIME**

| Project Include:         | I-29 and U.S. 275/Iowa 92 Interchange (Phase II)                        | Estimated*: $50M                                 |
| **Highlight:**          | The eastbound bridge and lanes will be demolished and northbound ramps will be constructed. |
| **Estimated**:           | 2 years, 1 month                                                         | Spent To-Date: N/A                               |
| **Status:**             | Construction begins Spring 2015                                          |                                                 |

**COST**

**TIME**

| Project Include:         | West System Interchange (Phase III)                                     | Estimated*: $29M                                 |
| **Highlight:**          | Grading for future westbound I-80 express lanes and bridge construction will begin. |
| **Estimated**:           | 2 years                                                                  | Spent To-Date: N/A                               |
| **Status:**             | Construction begins Summer 2015                                          |                                                 |

**COST**

**TIME**

*Project not yet let, estimated cost and schedule may change*
2015 PROJECT SPOTLIGHT

Railroad Relocation

The Railroad Relocation project consolidates the CBEC and BNSF railroad operations into a new common corridor west of Mosquito Creek under I-29 and Iowa 92.

This will improve operations at the South Expressway interchange and greatly reduce roadway/railway conflicts by consolidating railroad corridors and eliminating numerous at-grade rail crossings and the CBEC corridor that bisects Lewis Central High School. Improved railroad operations will allow select BNSF trains to bypass Council Bluffs.

The railroad relocation will consolidate railroads into a common corridor, reduce roadway railway conflicts, and eliminate several at-grade rail crossings.