

The purpose of today's meeting is to:

- » Provide an update on the Program
- » Discuss 2016 construction projects
- » Provide details on potential construction impacts and detours in the area
- » Provide an update on the I-29/I-480/West Broadway Interchange, including alternatives developed to date

PROGRAM OVERVIEW

PROGRAM GOALS



Modernize
18 miles
of interstate



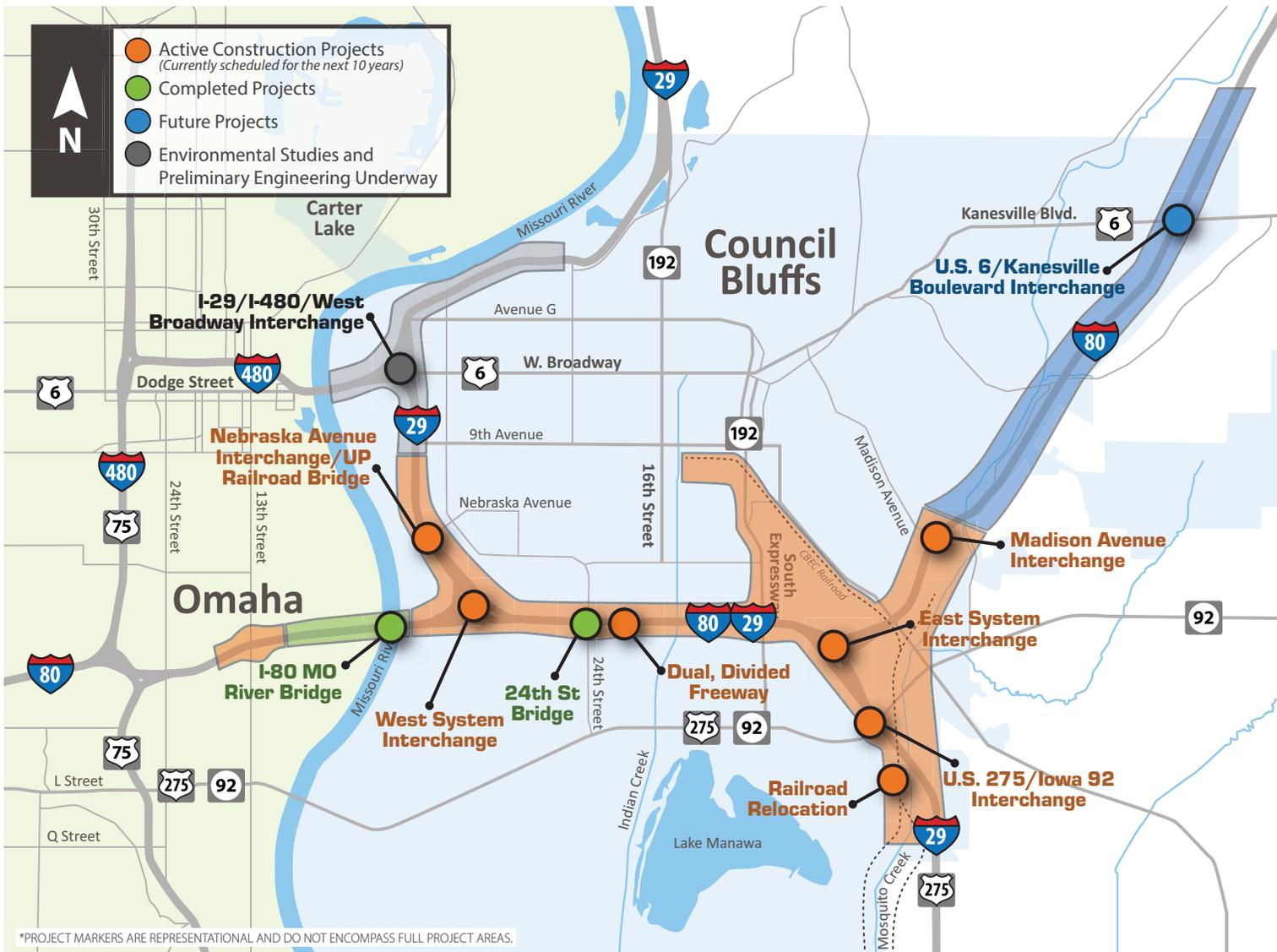
Accommodate
planned development
along the Corridors



Reduce traffic
congestion



Improve the
visual landscape



*PROJECT MARKERS ARE REPRESENTATIONAL AND DO NOT ENCOMPASS FULL PROJECT AREAS.

PROGRAM PROGRESS



BRIDGES

Total Planned	Completed To-Date
32	7



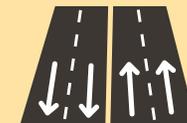
INTERCHANGES

15	1
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INTERSTATE
(miles)

18	3
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HIGHWAY
(lane miles)

135	36
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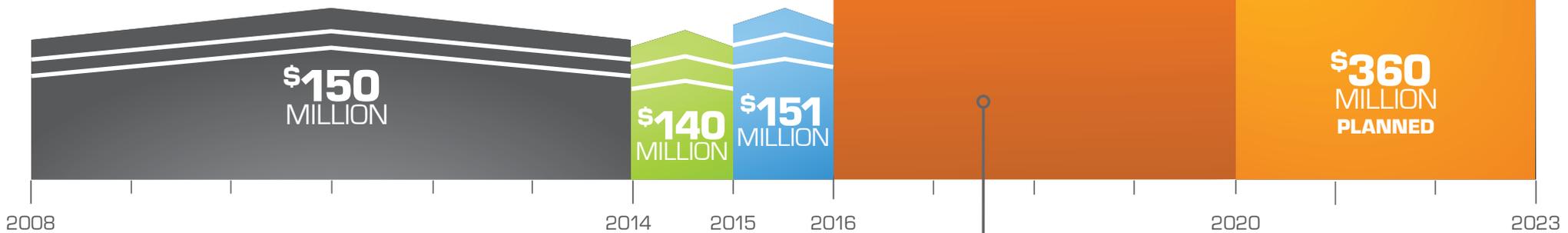


IOWA DOT'S LARGEST HIGHWAY FUNDING EFFORT



NEXT 7 YEARS = **\$931 MILLION**

SPENT/UNDER CONSTRUCTION



Iowa will invest nearly the same amount of money they have allocated from 2008 to 2014 for every year moving forward

2015 IN REVIEW



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 2015.



75,000
Square yards of concrete paving

450,000 to-date



830,000 to-date

198,000

Square feet of bridge deck poured



11,000
Linear feet of fiber installed



7,500 to-date

1,800
Tons of reinforcing steel

On going construction south of the I-29 and U.S. 275/Iowa 92 Interchange.



4,200

Tons of structural steel for bridges

17,300 to-date



350

Construction Workers



2,300,000

Cubic yards of earthwork moved

5,000,000 to-date



1,800 to-date

750
Linear feet of retaining wall



8,400

Linear feet of pipe

35,000 to-date



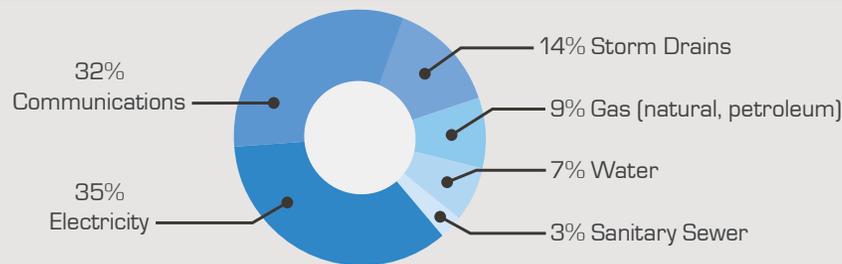
129,000 to-date

17,000

Cubic yards of concrete poured

UTILITY TYPES TO BE CLEARED (REMOVED OR RELOCATED) FOR HIGHWAY CONSTRUCTION

- 291,200 linear feet of utilities impacted
- Over 1,400 utility conflicts
- \$9.3M spent to-date by Iowa DOT to relocate utilities





EAST SYSTEM INTERCHANGE

Reconstruction of the East System Interchange will address capacity needs, improve safety and correct functional design issues.

Project highlights will include:

- » Reconstruction to allow for the straightening of the I-80 alignment.
- » Elevation of highway segments to improve efficiency.
- » Reduction of necessary lane changes.
- » Elimination of I-29 left-hand entrance and exit ramps.

Construction began in summer 2014 and will be completed in summer 2021.





I-80/I-29 DUAL, DIVIDED FREEWAY

The dual, divided freeway will improve the overall efficiency of the transportation network.

Project highlights will include:

- » Separation of through traffic on I-80 from traffic on I-29 destined for Council Bluffs.
- » Creation of an I-80 express and an I-29/I-80 local by constructing four separate roadways (two in each direction).



Construction is anticipated to be completed in summer 2021.



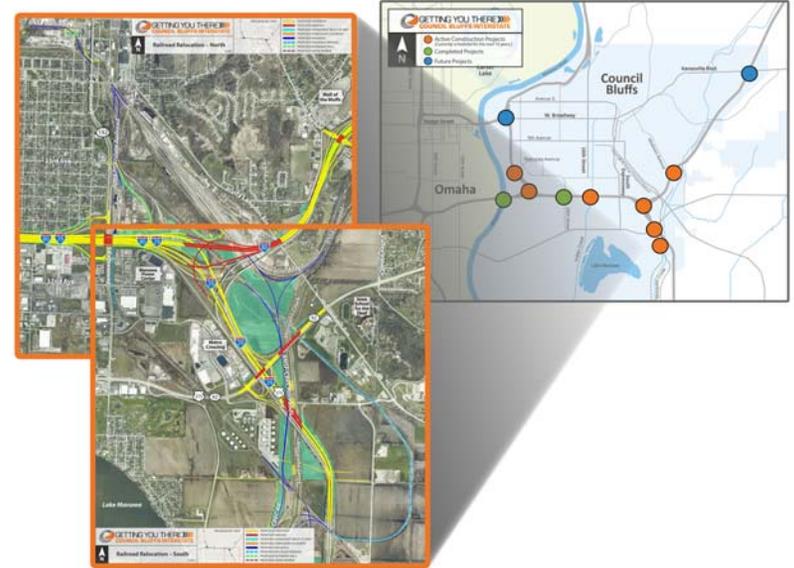
RAILROAD RELOCATION

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

Project highlights include:

- » Improvement to operations at the South Expressway interchange.
- » Reduction of roadway/railway conflicts.
- » Elimination of numerous at-grade rail crossings and the CBEC corridor that bisects Lewis Central High School.
- » Provision of more efficient railroad operations, allowing select BNSF trains to bypass Council Bluffs.

Construction is anticipated to take place from fall 2015 until early 2017.





WEST SYSTEM INTERCHANGE

The West System Interchange project will provide for efficient and safe vehicle movement on both I-29 and I-80 systems.

Project highlights include:

- » An increase in the number of travel lanes for both I-80 and I-29.
- » Reduction of necessary lane changes.
- » Construction of a new overpass and surface-level highway lanes.
- » Dedicated lanes for through I-80 westbound traffic.
- » Elimination of I-29 left-hand entrance and exit ramps to I-80.



Construction is anticipated to be completed in 2019.

NEBRASKA AVENUE INTERCHANGE/ UNION PACIFIC RAILROAD BRIDGE

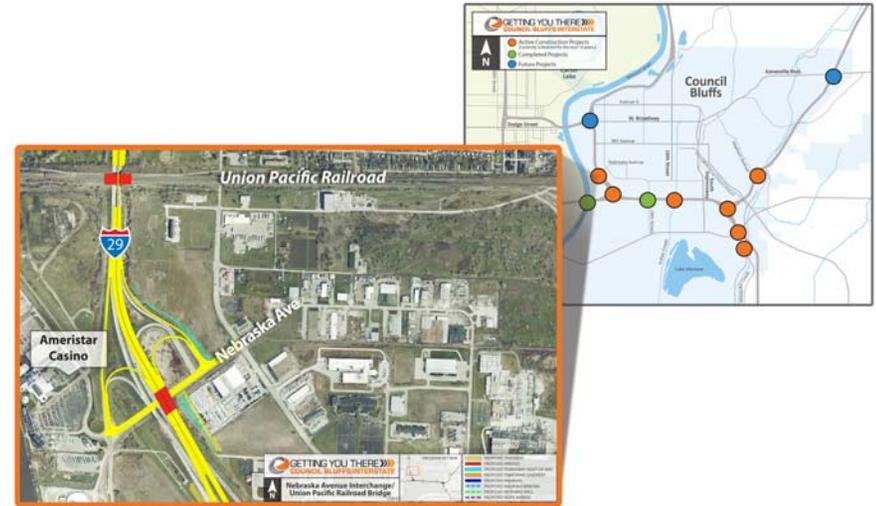


The Nebraska Avenue Interchange is being reconstructed to meet current design standards and capacity needs.

Project highlights include:

- » Reconstruction of the folded diamond interchange.
- » Realignment of Nebraska Avenue interchange with I-29.
- » Reconstruction of Union Pacific Railroad Bridge.

Construction is anticipated to begin in 2017 and will be completed in fall 2021.





MADISON AVENUE INTERCHANGE

The Madison Avenue Interchange is being reconstructed to meet current design standards and capacity needs.

Project highlights include:

- » Construction of the tight urban diamond interchange.
- » Reconstruction of bridges over Madison Avenue.
- » Construction of longer acceleration lanes when merging onto I-80.



Construction is anticipated to begin in 2019 and will be completed in 2022.



2016 CONSTRUCTION PROJECTS



West System Interchange, Phase II

Paving future I-80 express lanes and continuing bridge construction. New ramp to I-29 northbound opens fall 2016.

TIMEFRAME: Construction ongoing; phase expected to be completed in summer 2017.

East System Interchange, Phase IIa

Grading and paving for I-80 westbound and bridge construction ongoing throughout the 2016 construction season.

TIMEFRAME: Construction ongoing; phase expected to be completed in summer 2018.

East System Interchange, Phase IIb

Bridge construction and grading near South Expressway. Lane restrictions will be in place north of the interstate on South Expressway/IA 192 northbound.

TIMEFRAME: Construction will begin summer 2016; phase expected to be completed in spring 2018.

Railroad Consolidation

Grading and trackwork will be completed during 2016. Rail traffic will begin shifting to new rail corridor in fall 2016.

TIMEFRAME: Construction ongoing; expected completion early 2017.

I-29 & US 275/IA 92, Phase I & II

The southbound entrance and exit ramps will be closed and reconstructed during 2016. U.S. 275/IA 92 bridges will be completed and opened to four lanes of traffic late 2016.

TIMEFRAME: Construction is ongoing; expected completion of all Phase I and Phase II work summer 2017.

WHAT TO EXPECT

What can you expect during the construction season?



Noise



Increase truck/traffic hauling operations



Vibration



Traffic impacts



Dust



Lane shifts



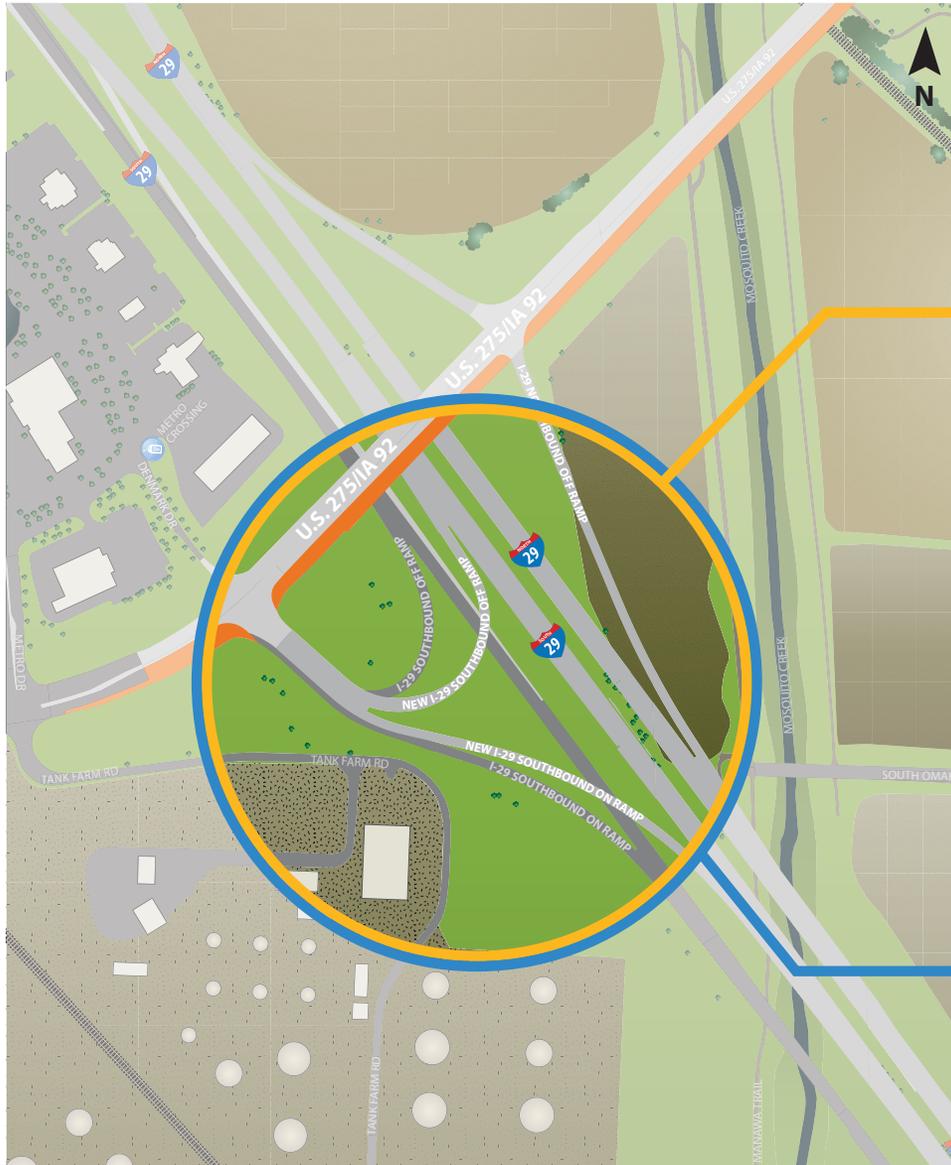
Large equipment and materials



Lane closures and overnight interstate closures

For any issues regarding construction impacts, please email us at info@CouncilBluffsInterstate.com or call us at 712.326.3712.

I-29 AND U.S. 275/IOWA 92 INTERCHANGE 2016 CONSTRUCTION AND TRAFFIC MOVEMENTS



- » In late spring 2016, I-29 southbound traffic will be routed in a two-way, two lane configuration with northbound traffic.
- » The I-29 southbound on-ramp at U.S. 275/Iowa 92 will close at that time until late fall.
- » I-80 westbound to I-29 southbound traffic wanting to exit at U.S. 275/Iowa 92 will need to follow the detour beginning late spring 2016.



- » In early fall 2016, the U.S. 275/Iowa 92 southbound off-ramp will be closed for approximately three months for reconstruction.
- » By the end of 2016, I-29 southbound traffic will be shifted to the new permanent pavement. The off-ramp will reopen and traffic on U.S. 275/Iowa 92 will open to two lanes in each direction.

Access from U.S. 275/Iowa 92 to Metro Crossing will remain open.

I-29 AND U.S. 275/IOWA 92 INTERCHANGE

2016 DETOUR

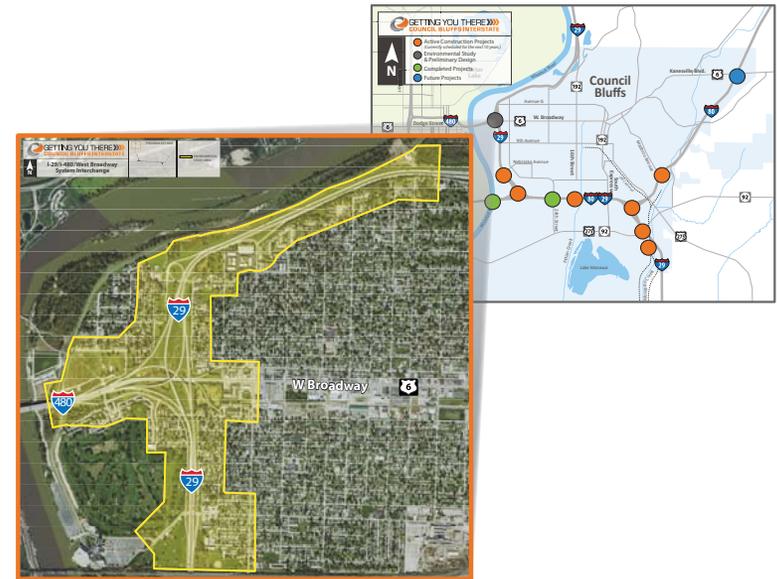




I-29/I-480/WEST BROADWAY SYSTEM INTERCHANGE

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. Funding sources and a construction schedule have not been determined.



Project Development Milestones	2016	2017	2018	2019	2020
Environmental Studies					
Interim Project: Construction					
Project Design					
Right-of-Way Acquisition					
Anticipated Construction Start					



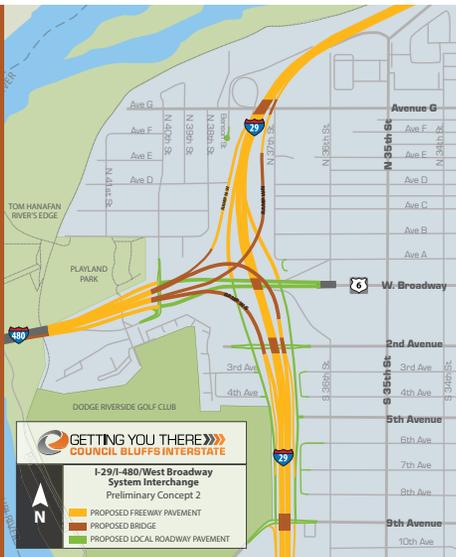
I-29/I-480/WEST BROADWAY SYSTEM INTERCHANGE DESIGN CONCEPTS

CONCEPT 1



- » Fully directional system interchange between I-29 and I-480
- » Combined interchange between 9th Ave, 2nd Ave, West Broadway, and Ave G, providing direct access (via one-way frontage roads) between West Broadway and I-29
- » Access between 9th Ave and I-480 provided by one-way frontage roads and West Broadway
- » Interchange at 40th St with direct access to I-480 and West Broadway
- » No interchange access provided at 35th St

CONCEPT 2



- » Fully directional system interchange between I-29 and I-480
- » Combined interchange between 9th Ave, 2nd Ave, and West Broadway, providing direct access (via one-way frontage roads) between West Broadway and I-29 to and from the south. Direct ramps are provided between West Broadway and I-29 to and from the north.
- » Interchange at 40th St with direct access to I-480 and West Broadway
- » Direct access between I-480 and 9th Ave
- » No interchange access provided at Ave G or 35th St

NEAR 24TH STREET

DUAL, DIVIDED FREEWAY SIGNAGE

Although the Dual, Divided Freeway will not be completed until 2021, changes to interstate signage will become evident as phases are completed. Shown below are renderings of the overhead signs near the 24th Street off ramps.

ORIGINAL: 24TH STREET



FUTURE: 24TH STREET



Facing direction of signs for westbound lanes is reversed for visualization.

NEAR SOUTH EXPRESSWAY

DUAL, DIVIDED FREEWAY SIGNAGE

Although the Dual, Divided Freeway will not be completed until 2021, changes to interstate signage will become evident as phases are completed. Shown below are renderings of the overhead signs near the South Expressway off ramps.

ORIGINAL: SOUTH EXPRESSWAY



FUTURE: SOUTH EXPRESSWAY



Facing direction of signs for westbound lanes is reversed for visualization.

WORK ZONE SAFETY



Every year, motorists cause **350** work zone crashes in Iowa.

With nearly one work zone accident occurring every day, **don't let today be YOUR day.**

- » Slow down.
- » Stay alert.
- » Obey the signs.
- » Keep your distance.
- » Pay attention.

EXPECT THE UNEXPECTED!

BUSINESS MATTERS

Stay informed...we have tools and resources to keep you and your patrons moving during construction.

- » Program website.
- » Email and text alerts.
- » Program newsletter.
- » Program resources to display in your business/organization.





SIGN UP FOR TRAFFIC ALERTS

**GETTING YOU THERE...
PLAN AHEAD... AVOID THE TRAFFIC!**

Iowa DOT's 511 Information System allows you to receive real-time traffic updates:

- » 511 is on social media.  
- » Download the mobile app.  
- » Sign up for personalized text or email alerts at www.511ia.org.
- » Sign up for 511 alerts at today's meeting.



Traveler Information
www.511ia.org or dial 511



GET INVOLVED

PLAN AHEAD... AVOID THE TRAFFIC!

To stay informed on project developments
or learn about upcoming public events:

VISIT THE PROGRAM WEBSITE:

www.CouncilBluffsInterstate.iowaDOT.gov

FOLLOW US ON SOCIAL MEDIA:



VISIT THE PROGRAM OFFICE:

Mall of the Bluffs

1751 Madison Avenue, Suite 750

Council Bluffs, IA 51503

Open 8:00 a.m.-5:00 p.m. Monday-Friday

(Enter on the east side of the Mall; parking is located on the east side of the Dillard's Clearance Store.)

EMAIL US:

info@CouncilBluffsInterstate.com

CALL US:

712.326.3712