



Iowa Highway 58 Corridor Improvement Study

Public Informational Meeting
October 15, 2013

IA 58 Corridor Improvement Study




 Iowa Department of Transportation   AECOM

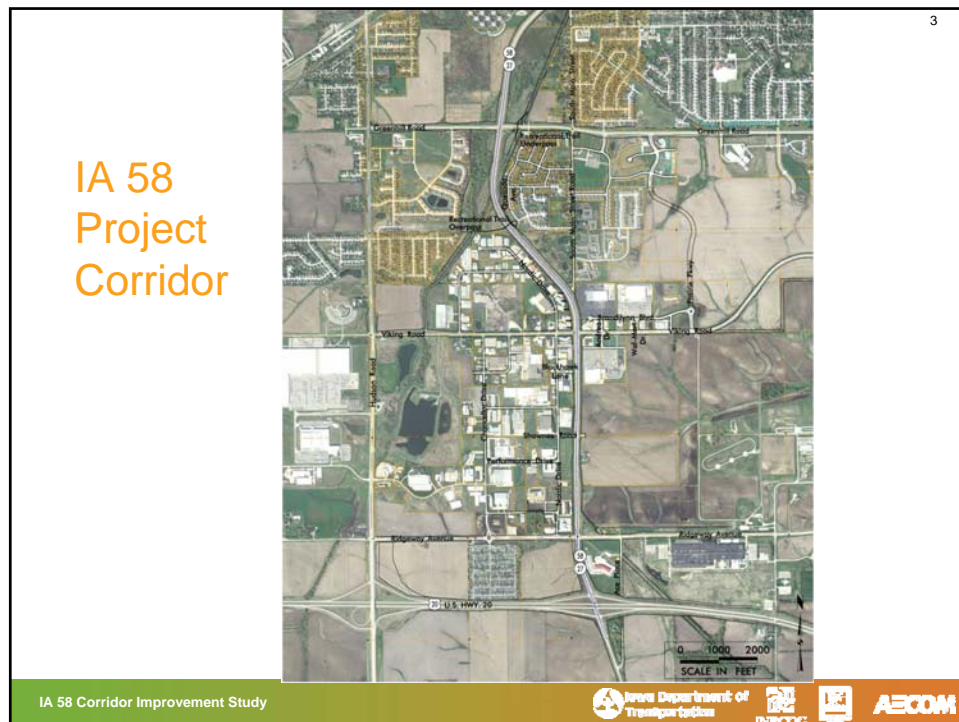
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Outline of Presentation

- Purpose and need of project
- Preliminary design alternatives
- Project development process and schedule

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Purpose and Need of Project

- Improve traffic flow
- Improve safety
- Accommodate future traffic growth

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Arrows Department of Transportation




INMET

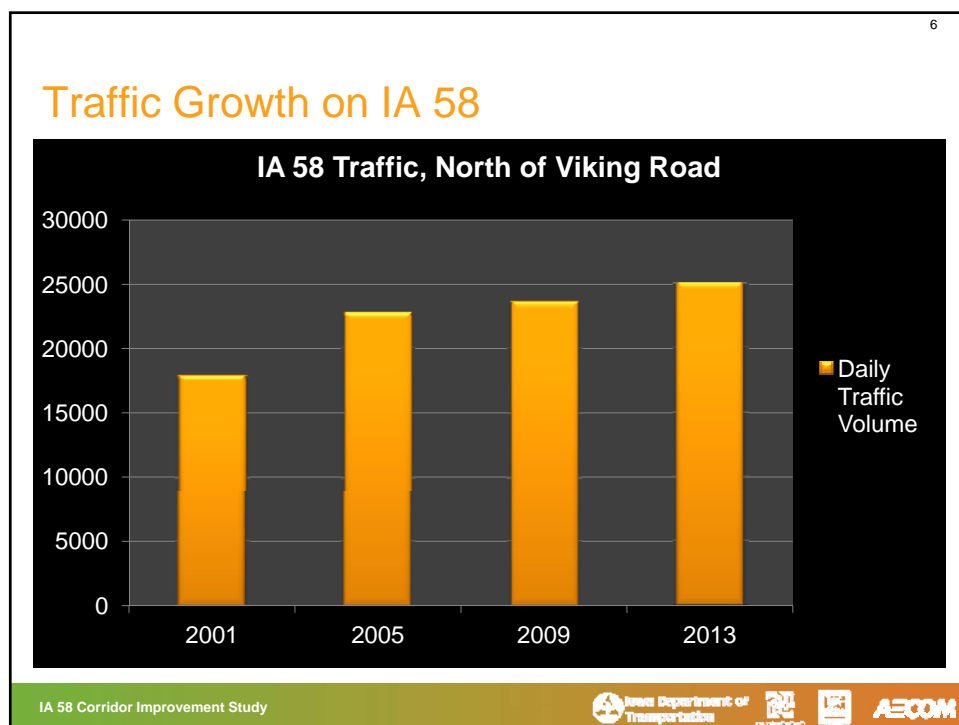
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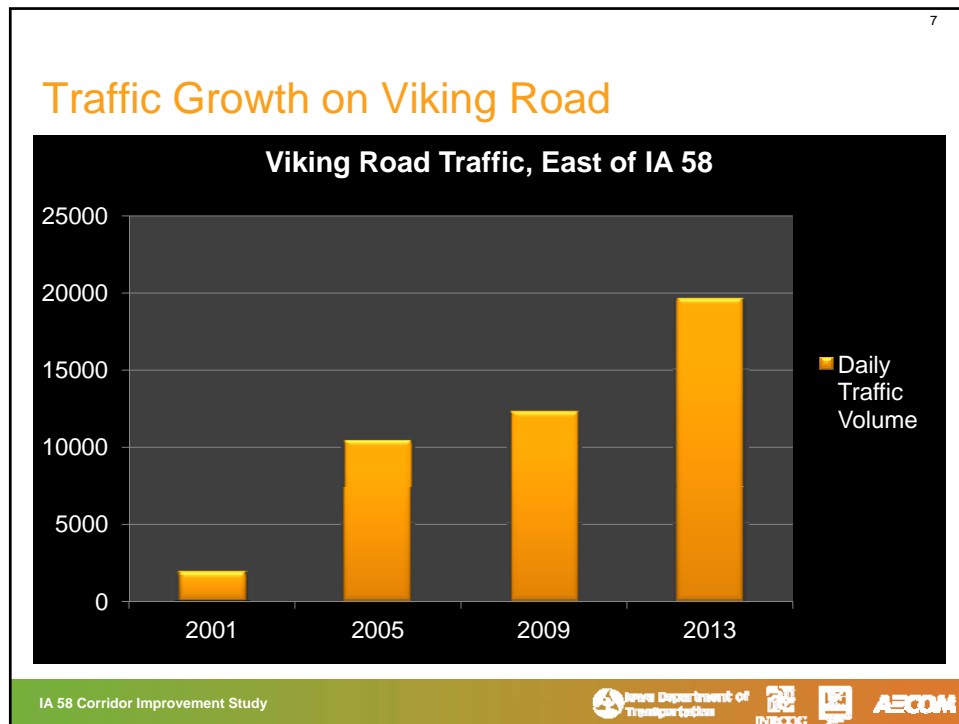
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Traffic Volumes on IA 58

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Traffic Safety

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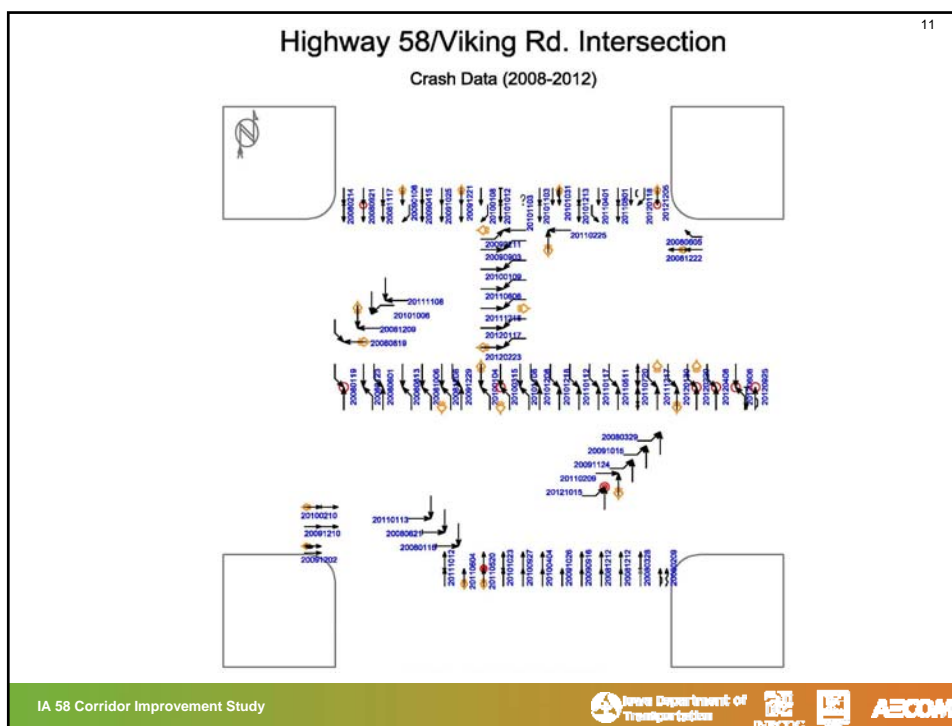
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Traffic Crashes on IA 58 (2008-2012) Between Ridgeway Ave and Greenhill Rd

- 168 crashes reported
- 35 injuries
- 2 fatalities (both at Viking Road)
 - (several additional fatalities occurred in prior years)
- Viking Road intersection is ranked No. 13 in statewide list of Intersection Safety Improvement candidates

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Summary of Crashes at Viking Road / IA 58

- 77 total crashes
 - 2 fatalities
 - 12 injuries
 - 23 other possible injuries
 - \$465,000 property damage
- 33 left-turn violations
- 22 rear-end collisions
- 7 broadside collisions
- 15 other types

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INTEGRITY

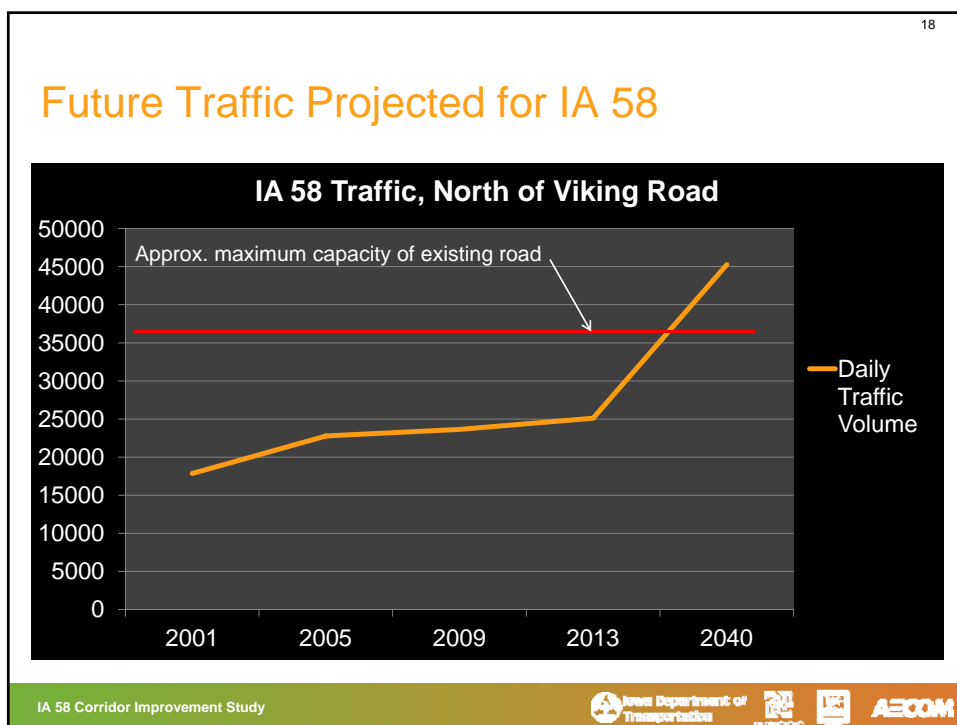
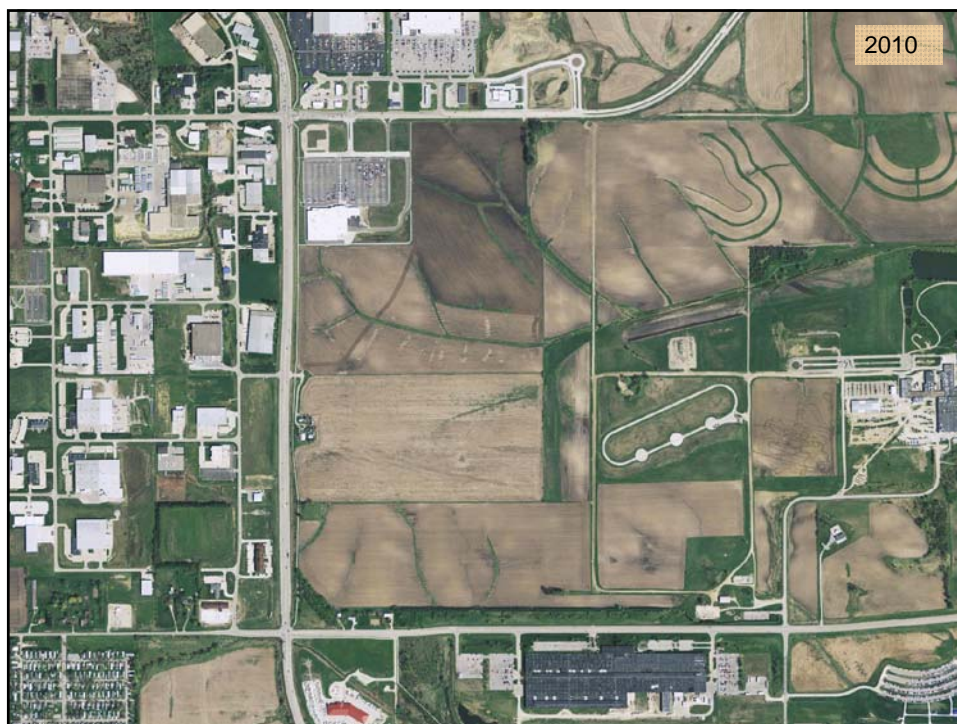
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Growth and Development in IA 58 Corridor

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Alternatives for Improving IA 58

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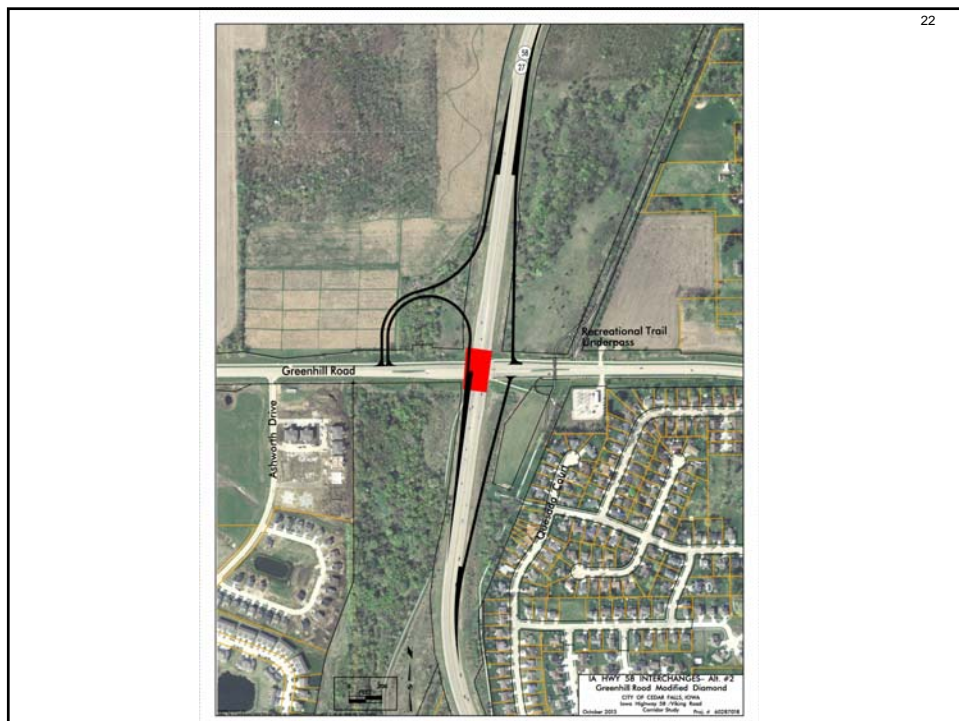
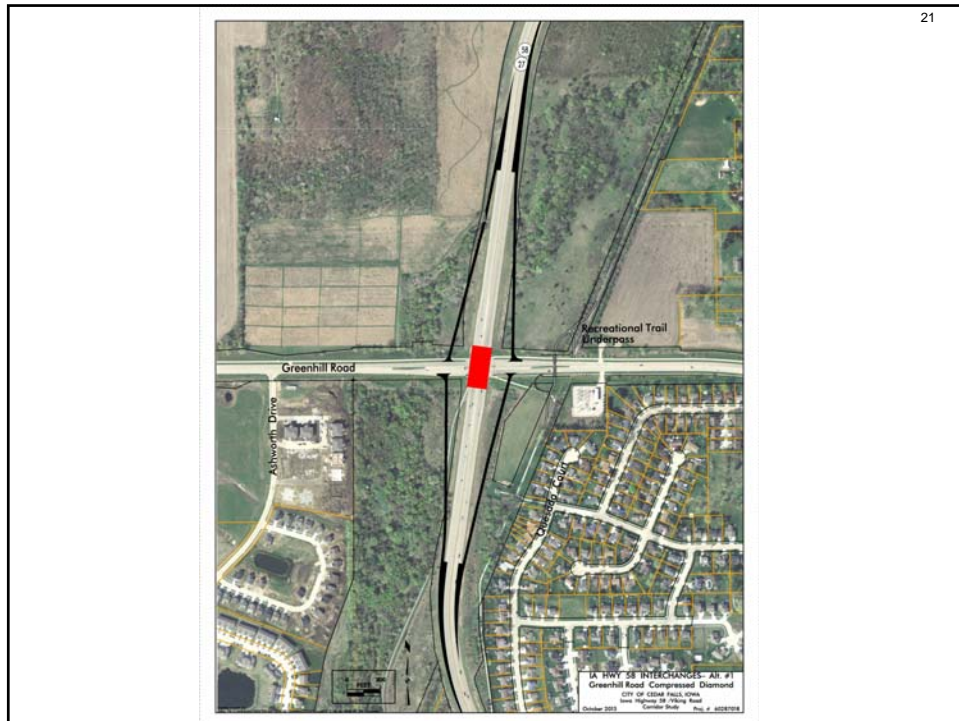


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Greenhill Road Alternatives

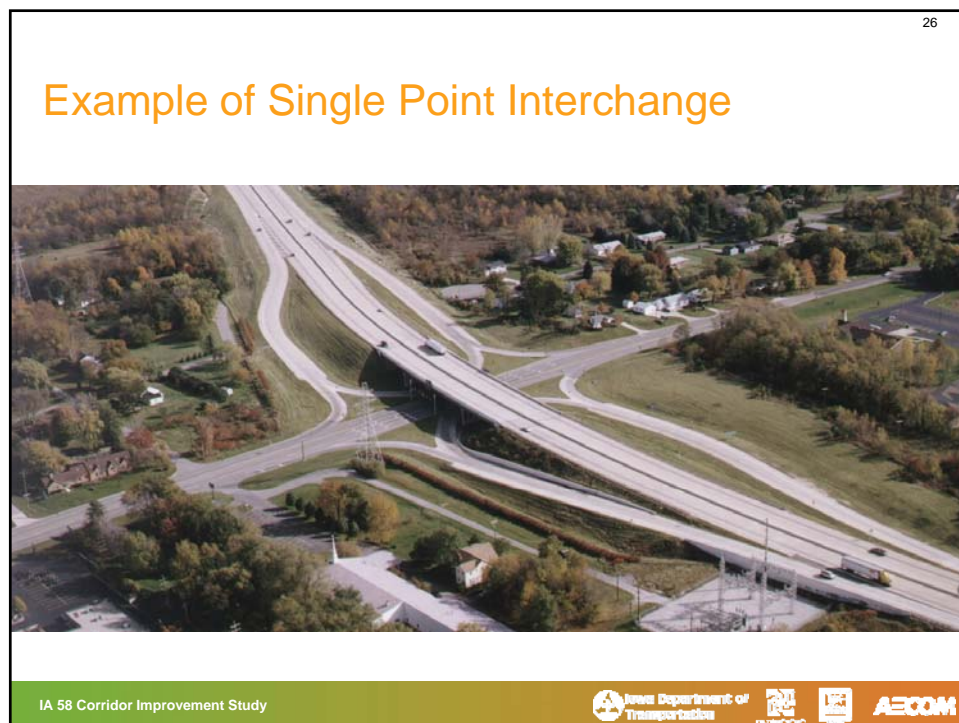
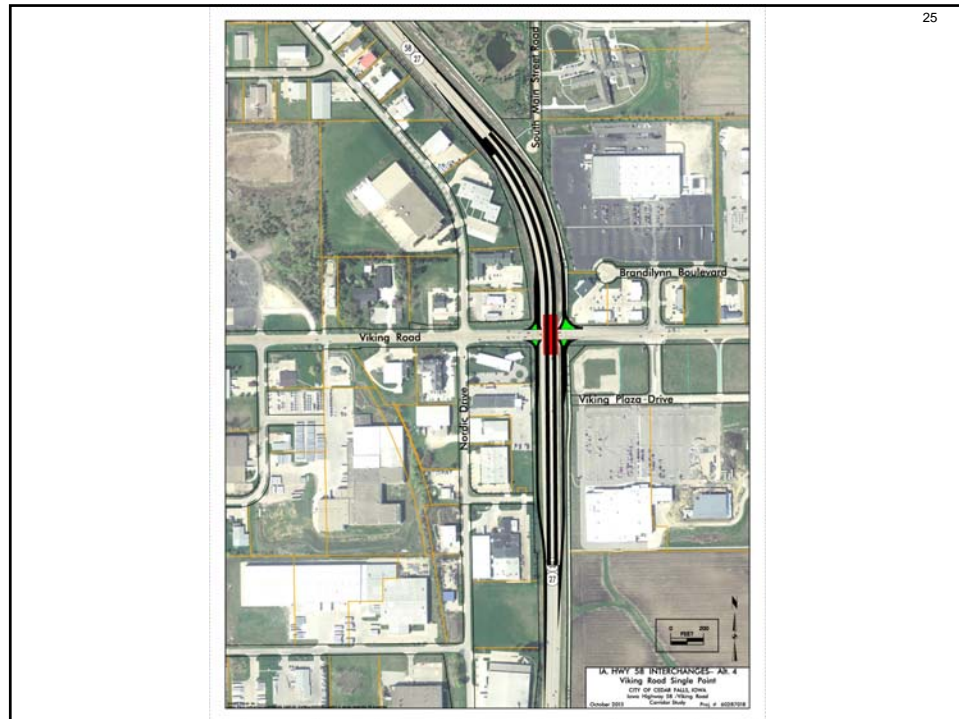
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Viking Road Alternatives

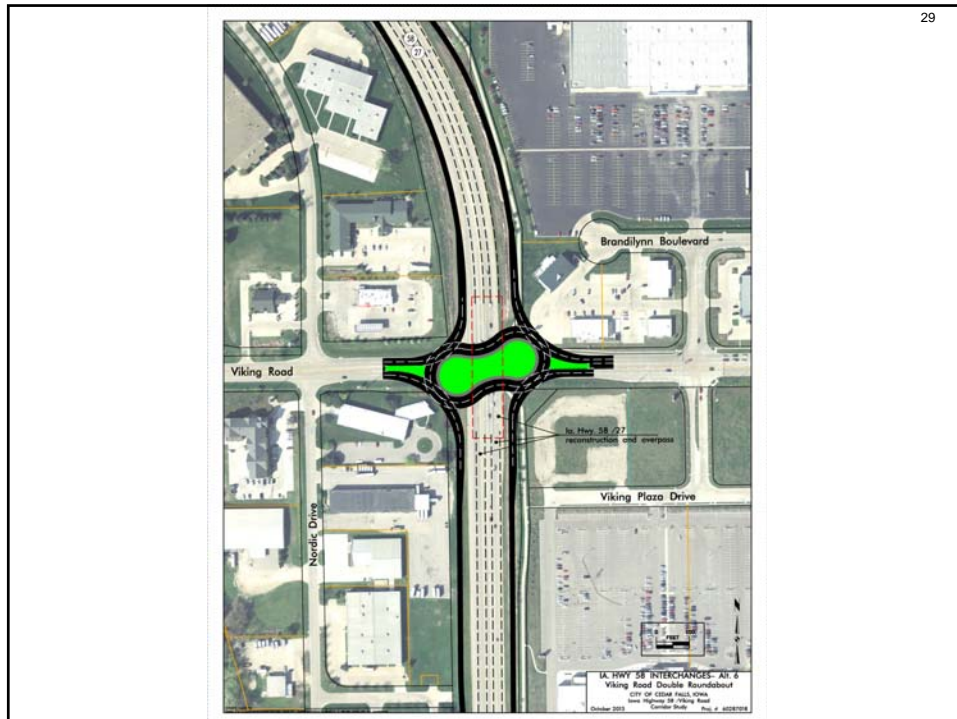






Example of Diverging Diamond Interchange



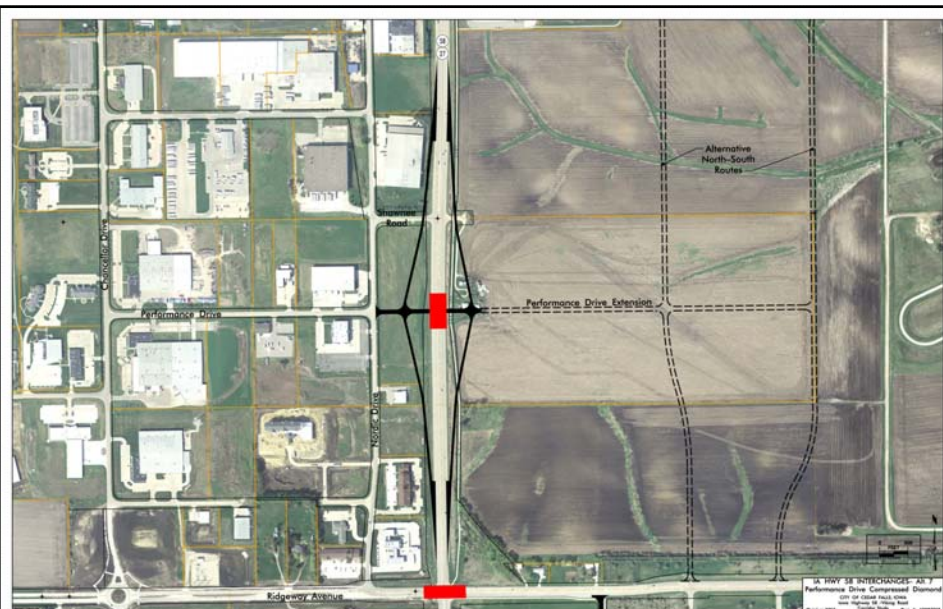


Example of Double Roundabout Interchange



Performance Drive Alternatives

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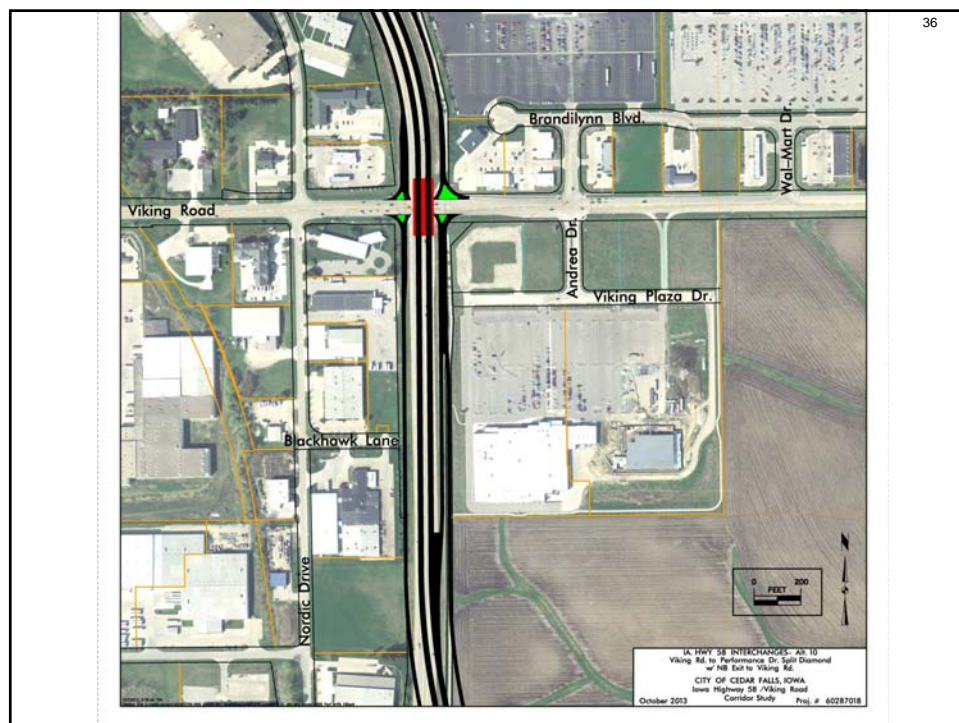
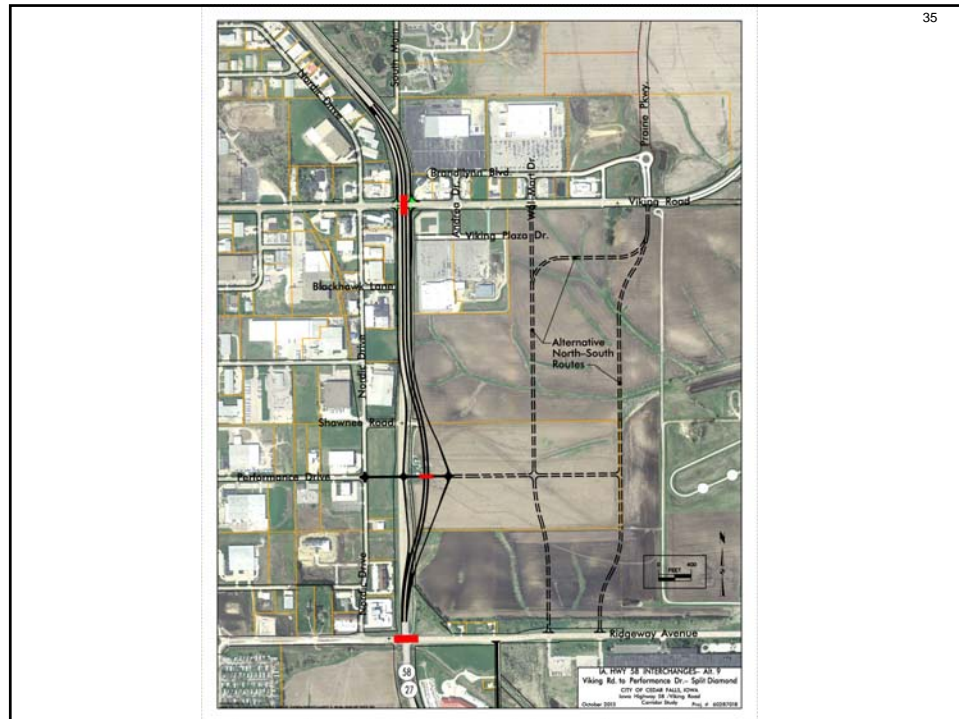
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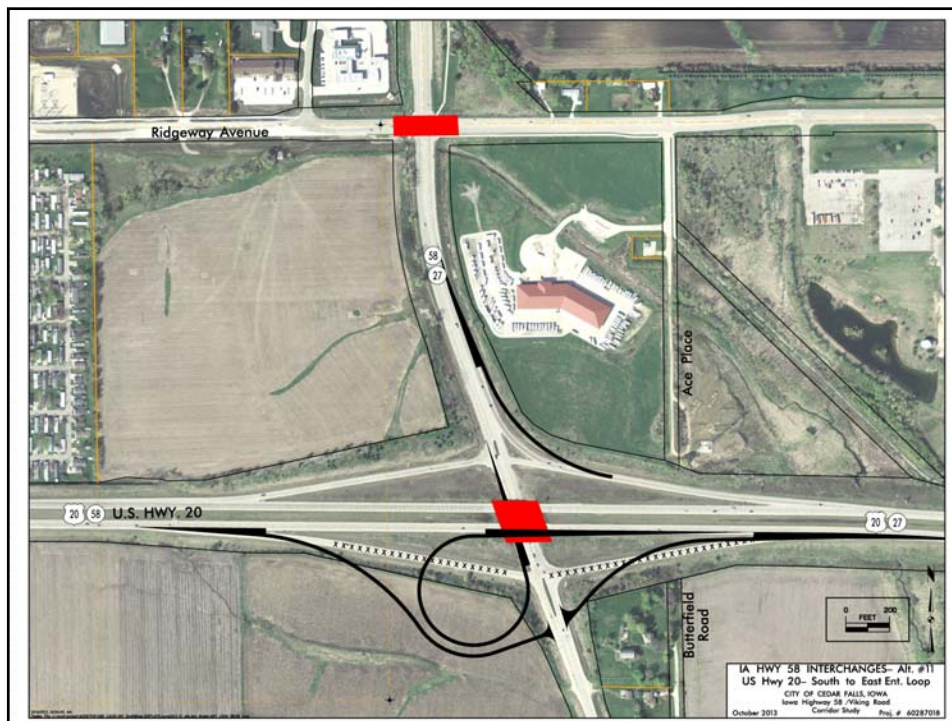
Split Diamond Interchange (between Performance Drive and Viking Road)

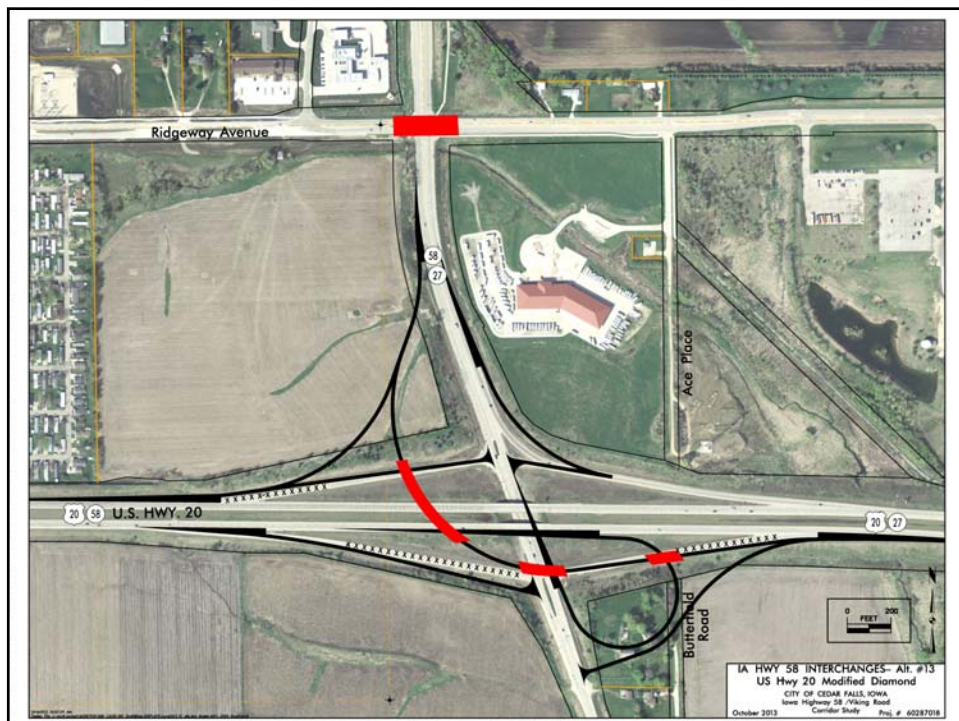
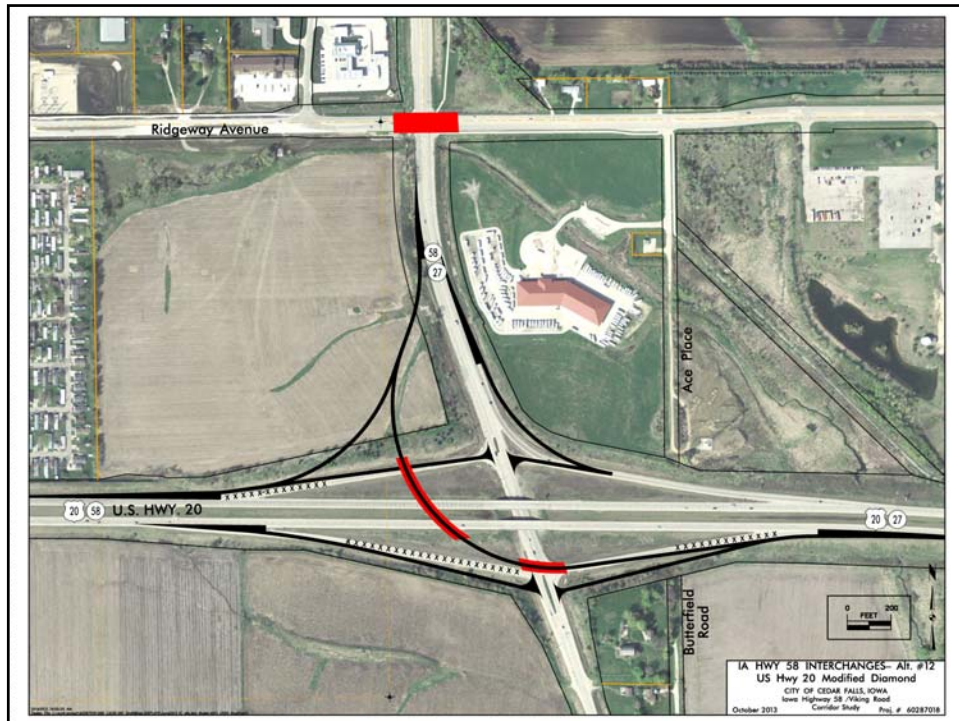


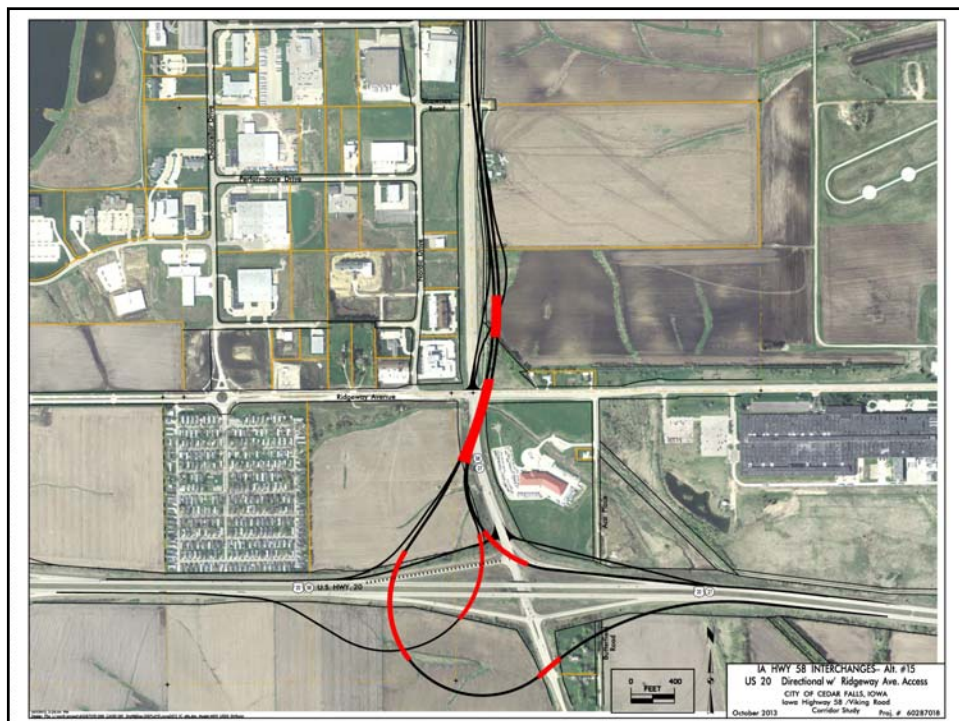
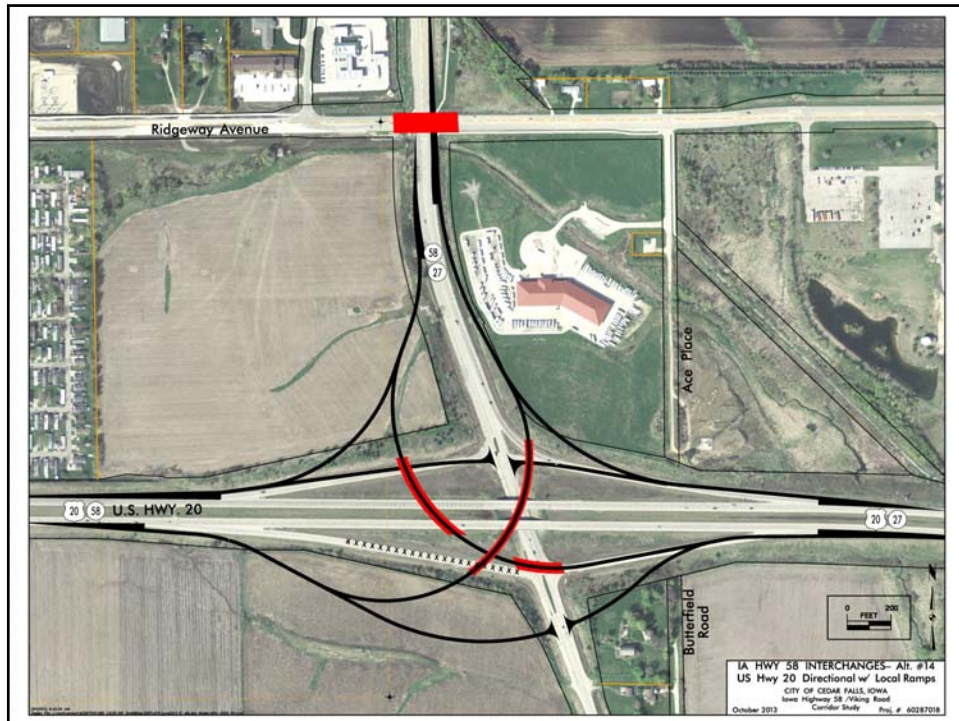


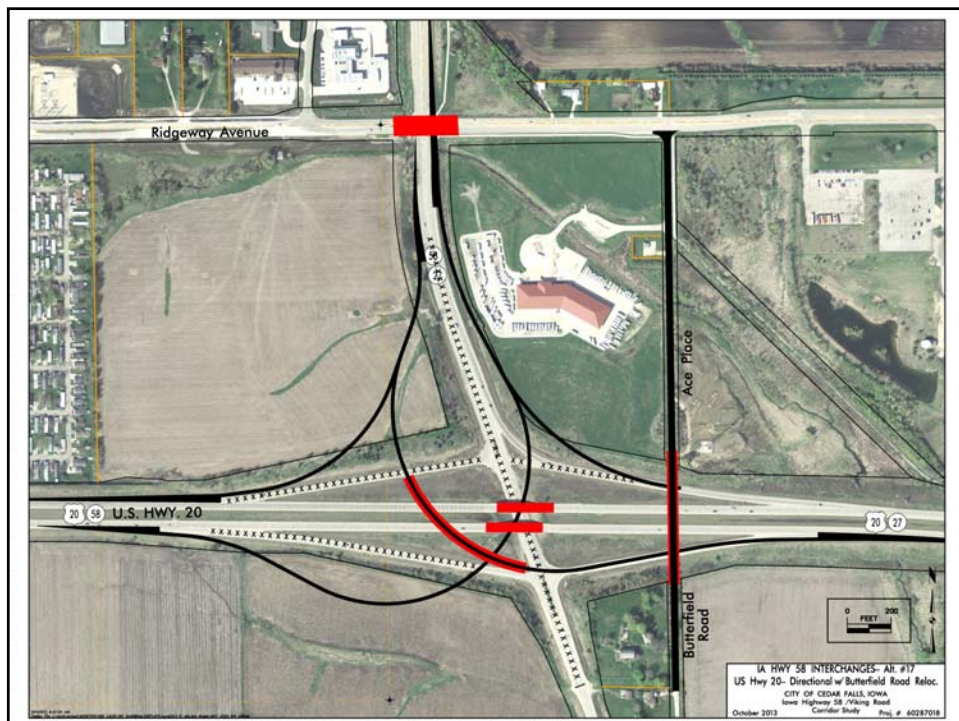
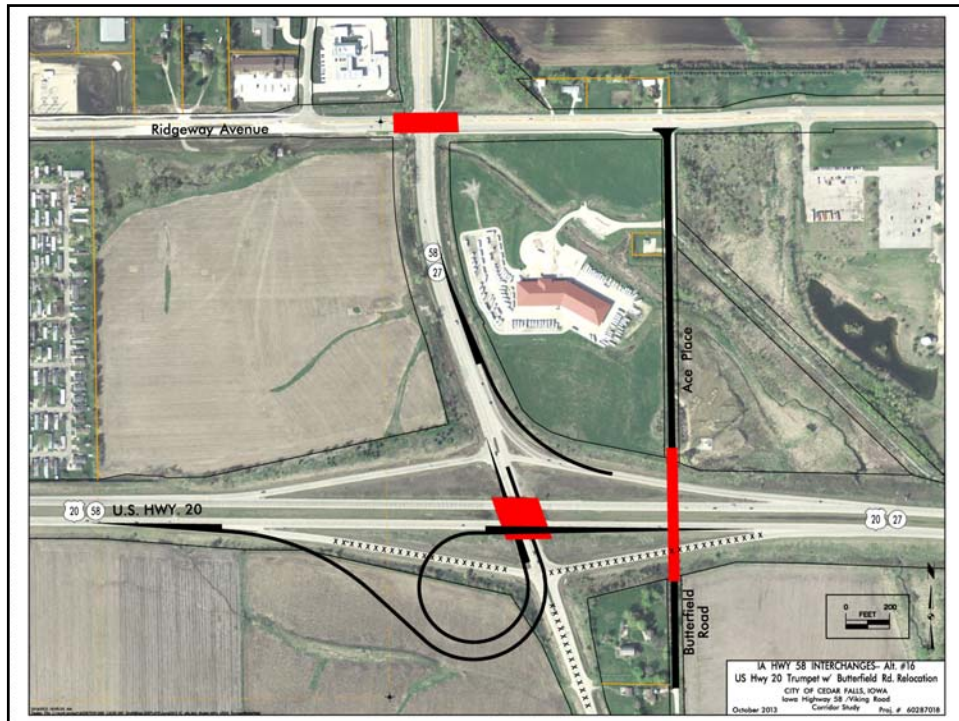
U.S. 20 Alternatives

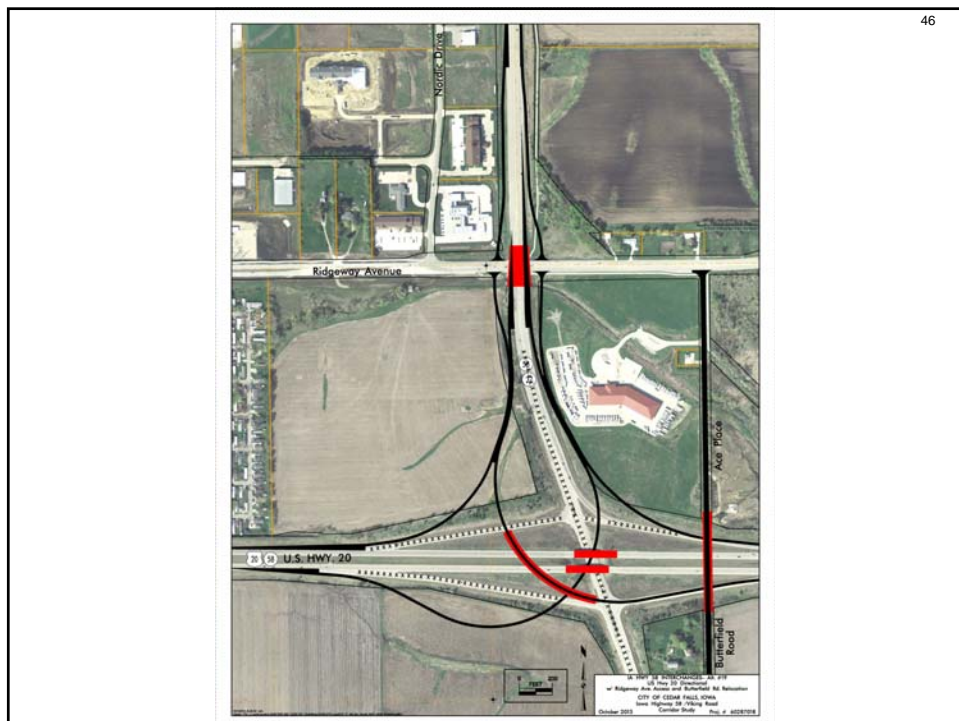
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Where do we go from here?

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Project Development Process

- Project development steps
 - Environmental Assessment
 - Determine Preferred Alternative
 - Design
 - Right-of-Way Acquisition
 - Construction
- Project will be built in several stages
 - Viking Road area is first priority
 - First construction project may start in 2017
 - **Schedule depends on funding and approvals**

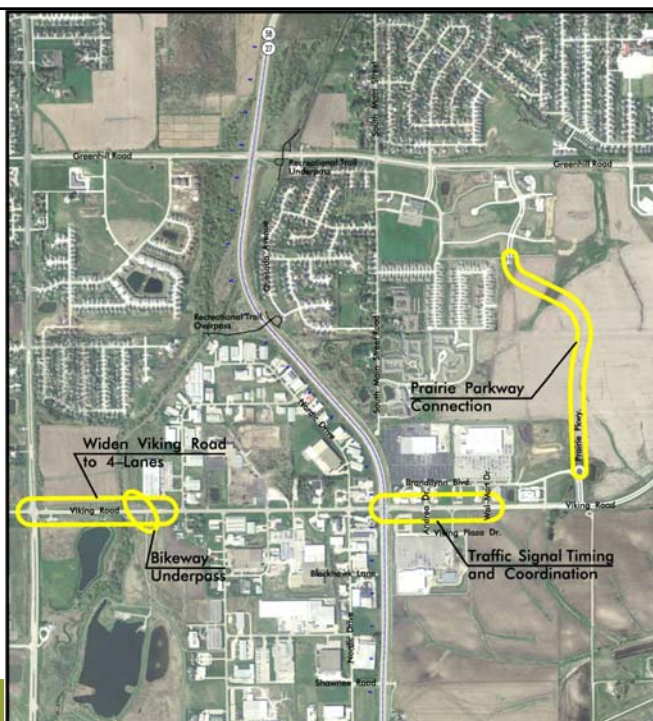
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Other Planned Improvements Near IA 58 Corridor

- Widening of Viking Road to 4 lanes, between Hudson Road and Westminster Drive
- Traffic signal timing and coordination on Viking Rd.
- Extension of Prairie Parkway from Greenhill Road to Viking Road

Other Planned Improvements Near IA 58 Corridor








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Project Schedule

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Tentative Project Schedule

	2013	2014	Future
Collect Data			
Develop and Analyze Alternatives			
Public Informational Meeting	★		
Final Evaluation of Alternatives			
Prepare Environmental Assessment			
Public Hearing		★	
Environmental Clearance			★
Final Design, Right-of-Way Acquisition and Construction*			

Current Status

Current Status

* NOTE: Schedules for design, right-of-way acquisition and construction depend on funding availability and approvals

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Comments and Feedback

Please provide all written comments by
October 31, 2013

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Questions and Discussion

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