

## DOT - Reconfiguration of I-35/80 Interchange at IA 141

<i>Primary Sponsor</i>	DOT
<i>Project Title</i>	Reconfiguration of I-35/80 Interchange at IA 141
<i>Termini Description ( i.e. Park Avenue to 19th Street)</i>	I-35/80 from south of Meredith Drive through the IA 141 interchange
<i>Total Estimated Project Cost</i>	\$18,000,000
<i>Federal Fiscal Year 2019 STP Request</i>	FY2019
<i>Total Funding Secured</i>	Project in DOT Five-Year Program
<i>Source of additional funds and local match?</i>	The project is listed in the 2015-2019 Five-Year Program, but will not be considered "secured" until FY2019. Federal funding will likely come through National Highway Performance Program (NHPP). Local match will be provided through the state Road Use Tax Fund (RUTF).
<i>Is this project seeking funding over multiple years?</i>	No
<i>What is the total anticipated STP funding request over the multiple years?</i>	\$3,100,000
<i>Has your agency previously applied for STP funds for this project?</i>	No
<i>Has this project previously been awarded STP funds?</i>	No
<i>The Federal Highway Administration requires STP funds to be used towards regionally significant projects. Please describe how this project fulfills this requirement.</i>	<p>The interchange currently experiences considerable congestion, particularly during peak periods. While the I-35/80 exit ramps have been modified to maximize movement through the ramp terminals, they still experience periodic traffic backups the length of the ramp.</p> <p>The proposed project would: 1) construct a NB I-35/80 to NB IA 141 flyover ramp; and 2) construct a half-diamond interchange at Meredith Drive for the northbound exiting and SB entrance movements. These modifications will eliminate the need for the two tight loop ramps (NB exit and SB entrance).</p>
<i>Describe how this project impacts other city/county goals, plans, and projects.</i>	The project is being designed in conjunction with the City of Urbandale's efforts to replace the 100th Street Bridge over I-35/80 (and future interchange development) and with the department's programmed widening of IA 141 from four to six lanes from SE 37th Street to the IA 44 interchange (2017).
<i>Describe any work previously completed (or underway) that this project complements or is recommended in other planning studies/construction projects</i>	The proposed improvements are an essential element of an extensive and ongoing study of the area being conducted for the department by HR Green & Associates. The City of Urbandale has made compatible improvements to Meredith Drive and NW Urbandale Drive, and made intersection/signal upgrades at the intersection of these two streets.

<p><i>Expansion is considered an expensive and last resort to address congestion issues. If this is an expansion project please explain what other methods have been used to address congestion.</i></p>	<p>The existing interchange exit ramps have been modified to improve the movement of exiting traffic through the interchange. In addition, the City of Urbandale has maximized efficiency of the traffic signals at the two ramp terminals.</p>
<p><i>Project Type</i></p>	<p>Improved alignment, Bridge, Interchange, Intersection, Freight, ITS improvements</p>

DOT - Reconfiguration of I-35/80 Interchange at Iowa 141		SCORE	
EVALUATION CRITERIA		Points Possible	Points Awarded
<b>Transportation Infrastructure and Services are Well-managed and Optimize</b>		<b>40</b>	<b>28</b>
1	Project improves or maintains an existing route or intersection - <a href="#">see Map</a>	+	4
2	Project addresses major maintenance including deficient or obsolete bridge, pavement in poor or very poor condition or state of good repair for buses - <a href="#">see Map</a>	+	-
3	Project is on a corridor with existing congestion (LOS E or F in peak hours) - <a href="#">see Map</a>	+	4
4	Project is on a corridor with future congestion (LOS E or F during peak hours by 2020 based on the MPO's Travel Demand Model) - <a href="#">see Map</a>	+	4
5	Project design includes one or more of the following congestion management strategies:		-
	a. Improvements to access management	+	4
	b. ITS/Signalization improvements	+	4
	c. Improvements to turning movements	+	4
	d. Improves parallel facility/contributes to alternative routing	+	-
6	Route addresses designated freight impediment - <a href="#">see Map</a>	+	-
7	Project on a roadway with traffic volumes exceeding 10,000 AADT - <a href="#">see Map</a>	+	4
<b>Enhance Multimodal Transportation Options</b>		<b>20</b>	<b>0</b>
8	Project is on an existing or planned transit route - <a href="#">see Map</a>	+	-
9	If project is on a transit route, the project includes design elements such as bus shelters, benches, pullouts, pedestrian connection from transit stop to sidewalk	+	-
10	Project includes an addition to or improvement of the bicycle network	+	-
11	Project enhances multi-modal opportunities within or along a designated node/corridor as defined in The Tomorrow Plan - <a href="#">see Map</a>	+	-
12	Project improves pedestrian access and facilities	+	-
<b>Improve the Region's Environmental Health</b>		<b>20</b>	<b>16</b>
13	Project increases the number of street tree plantings or other landscaping.	+	-
14	Project avoids a critical natural resource: wetland, floodplain, known endangered species site, stream, or park/trail - <a href="#">see Map</a>	+	4
15	Project avoids a natural resource of concern: habitat, hydric soils or contaminated site - <a href="#">see Map</a>	+	4
16	Project is using permeable paving, vegetation or other green streets techniques to manage 1 ¼ inches of the average rainfall.	+	4
17	Project decreases energy consumption (idle reduction, electric vehicle infrastructure, etc.)	+	4
<b>Further the health, safety, and well-being of all residents in the region.</b>		<b>20</b>	<b>0</b>
18	Project is located in a high-crash area as defined by CMAT and the project incorporates traffic calming solutions - <a href="#">see Map</a>	+	-
19	Project has traffic calming solutions to reduce modal conflict	+	-
20	Project is entirely or partially located within a social justice area - <a href="#">see Map</a>	+	-
21	Project enhances multimodal transportation to/from a social justice area	+	-
22	Project promotes safe routes to schools (within 1/2 mile radius of a school with multi-modal elements - <a href="#">see Map</a> )	+	-
<b>TOTAL POINTS</b>		<b>100</b>	<b>44</b>
<b>STP Request</b>		<b>\$3,100,000</b>	

