



Benefits of the Heartland Expressway





History of the High Priority Corridor

- Heartland Expressway's vision of a four-lane highway connecting Denver, Colorado to Rapid City, SD was born in 1988.
- The Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) identified the Heartland Expressway from Denver through Scottsbluff to Rapid City as a high priority corridor.
- Feasibility study was completed in 1993 for Kimball to Rapid City and a study for Kimball to I-76 route was done in 1995.



History of the High Priority Corridor

- Kimball to Scottsbluff-Gering 4-lane expressway completed in 2005.
- The Heartland Expressway Association was incorporated in 2009.
- Heartland Expressway joined Port-to-Plains Alliance as a member on December 31, 2009.
- Kimball 4-lane bypass completed in 2011.
- South Dakota completes 4-lane highway from Rapid City to the Nebraska Stateline August 2014.



History of the High Priority Corridor

- Heartland Expressway Corridor Development and Management Plan completed October 2014.





Benefits of the Heartland Expressway

If the Heartland Expressway is completed, it could accomplish a number of objectives:

- It would improve access to communities, recreational and tourist sites, and economic activities in proximity to the highway.
- It might influence longer distance multistate travel, by diverting traffic to the highway, and inducing additional travelers and tourists to the region.

From 1993 Heartland Expressway Economic and
Engineering Feasibility Study



Benefits of the Heartland Expressway

If the Heartland Expressway is completed, it could accomplish a number of objectives:

- It would help the region's communities to be better able to compete for new industries and new types of economic development.



Benefits of the Heartland Expressway

Transportation benefits would include:

- Better access to the Interstate Highway System.
- Better access to communities for shopping, educational, work and social purposes.
- Improved accessibility for emergency medical care and overall better access to health facilities.
- Easier and more efficient goods transportation.

From 1993 Heartland Expressway
Economic and Engineering
Feasibility Study



Benefits of the Heartland Expressway

Transportation benefits would include:

- A potentially safer highway.
- An improved all-weather highway, especially for school buses, emergency vehicles, etc.
- Better access to the region's tourist and recreation sites.

From 1993 Heartland Expressway
Economic and Engineering
Feasibility Study



Benefits of the Heartland Expressway

The Heartland Expressway Corridor will provide many national, regional, and local benefits. Some of the most noteworthy national benefits include:

- Connection of metropolitan cities and regional trade centers
- Develops a significant North American Free Trade Act(NAFTA) corridor



Benefits of the Heartland Expressway

The Heartland Expressway Corridor will provide many national, regional, and local benefits. Some of the most noteworthy national benefits include:

- Provides an alternative to avoid urban congestion and delay along Interstate 25
- Completes an integral segment of the PTP Alliance Corridor, a trans-national corridor



Benefits of the Heartland Expressway

The Heartland Expressway Corridor will provide many national, regional, and local benefits. Some of the most noteworthy national benefits include:

- Enhances the national freight network and freight movements
- Provides safer travel
- Provides a north/south high-speed corridor



Benefits of the Heartland Expressway

The Heartland Expressway Corridor will provide many national, regional, and local benefits. Some of the most noteworthy national benefits include:

- Enhances delivery capacity and efficiency to Great Plains markets
- Provides essential economic development infrastructure to the Great Plains
- Develops a significant tourism corridor



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Economic Development Impacts

Roadside services impacts. Since the project attracts new long-distance users to the corridor, demand for roadside services, including lodging, food, fuel, and other retail purchases would increase. The increase in demand would result in additional hiring and wages earned along the corridor. These would be recurring impacts.



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Economic Development Impacts

Competitive response. It is not possible to predict the exact type of business relocation that might occur in response to the productivity improvement; likely expansions would include food processing manufacturing to take advantage of the corridor's significant agricultural assets and distribution facilities that take advantage of the corridor's low costs and proximity to the larger urban areas.



Benefits by the Numbers (all at 7% Discount Rate)

- The benefit stream estimated as part of the benefit cost analysis is converted to present values using real discount rates of 7%
- Discounting is important because a dollar 10 years from now is not worth the same as a dollar today. The dollar today could be invested and return more than a dollar 10 years from now
- Projects expecting to use federal funding are required to use a 7% discount rate



Benefits by the Numbers (all at 7% Discount Rate)

Value of Travel Time Savings for Existing
Users between 2016 and 2054

\$140.8 MILLION

Value of Travel Time Savings for
Diverted Users between 2016 and 2054

\$1.0 MILLION

Value of Accident Reduction Savings
between 2016 and 2054

\$94.8 MILLION



Benefits by the Numbers (all at 7% Discount Rate)

Value of Economic Inventory Savings
between 2016 and 2054

\$215.4 MILLION

Value of Pavement Savings
between 2016 and 2054

\$0.4 MILLION

TOTAL BENEFITS between 2016 and 2054

\$452.4 MILLION



For Additional Information

heartlandexpressway.com

<https://www.facebook.com/heartlandexpressway>

