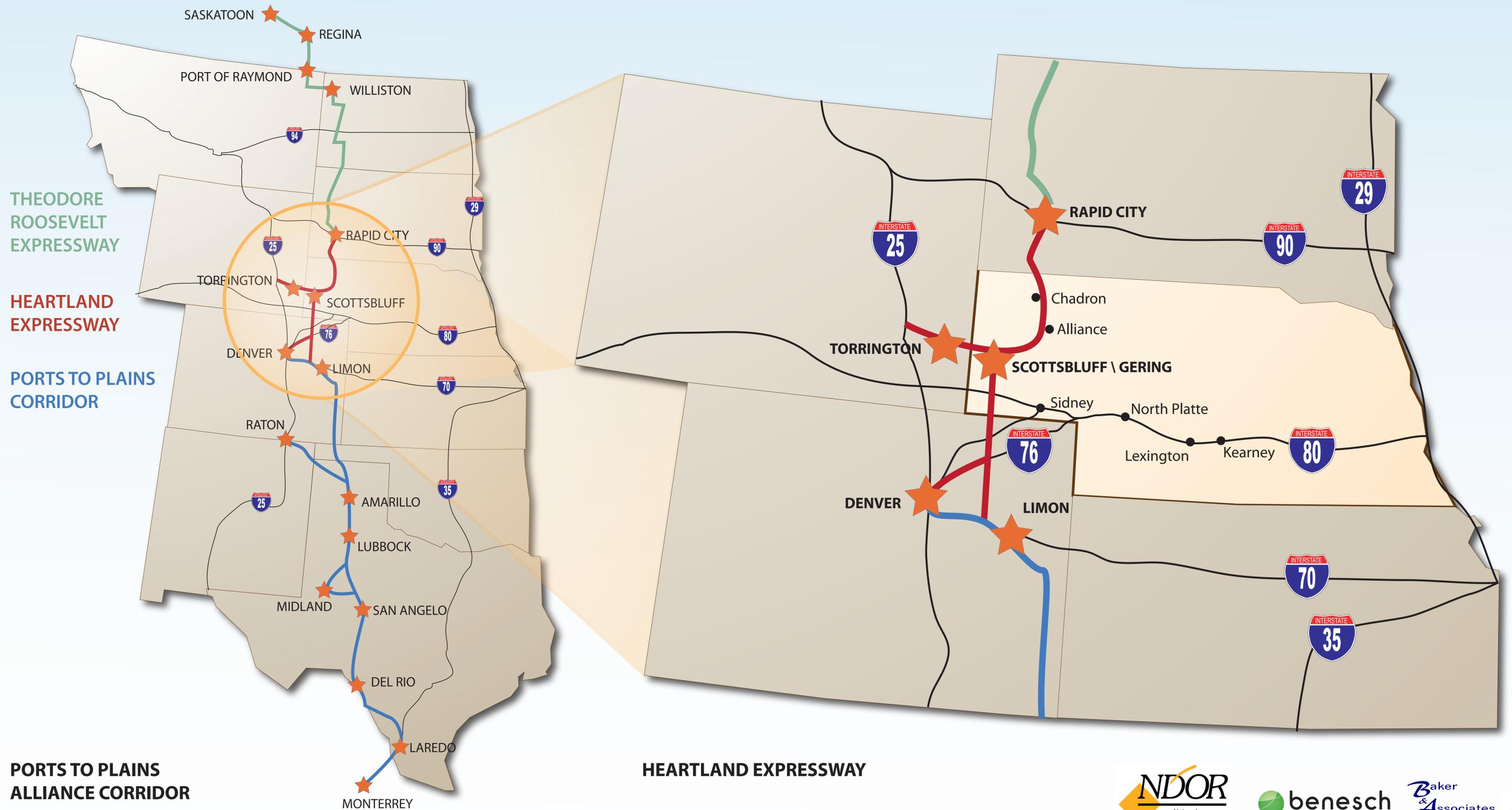




PROJECT CORRIDOR



PORTS TO PLAINS
ALLIANCE CORRIDOR

HEARTLAND EXPRESSWAY





CORRIDOR AREA DETAIL





SCHEDULE

Heartland Expressway Corridor Development and Management Plan

TASK	2011						2012						
	April	May	June	July	August	September	October	November	December	January	February	March	April
	PHASE 1 - DEFINING CORRIDOR IMPROVEMENT PLAN						PHASE 2 - COST, BENEFIT, AND FUNDING IMPLEMENTATION						
1.0 PROJECT MANAGEMENT PLAN													
1.1 Project Management Plan													
1.2 Communication and Public Involvement Plan													
Public Outreach													
a. Website													
b. Newsletter													
c. Survey													
d. Public Workshop													
e. Comment Compilation													
1.3 Steering Communication Meetings (5)													
1.4 Project Correspondence													
2.0 BACKGROUND RESEARCH													
2.1 Review of Previous Studies/Reports													
3.0 DEVELOPMENT PLAN													
3.1 Corridor Assessment													
3.2 Environmental Review													
3.3 Gap Analysis													
3.4 Maintenance and Operation Plan													
4.0 CORRIDOR COSTS AND BENEFITS													
5.0 FINANCE PLAN													
6.0 RISK ASSESSMENT													
7.0 CORRIDOR DEVELOPMENT AND MANAGEMENT PLAN DOCUMENTS													
7.1 Milestone Documentation Submittals													
7.2 Final Report Preparation													

LEGEND	●	Milestone Documentation Submittals
	W	Website Updates
	N	Newsletter
	S	Business/Industry Survey & Interview
	M	Public Meetings
	★	Meeting





WHAT WILL THE HEARTLAND EXPRESSWAY CORRIDOR DEVELOPMENT AND MANAGEMENT PLAN ACCOMPLISH?

- Define needs
- Identify issues and requirements
- Establish planning level costs
- Establish priorities
- Develop a schedule
- Identify funding





ECONOMIC DEVELOPMENT CONSIDERATIONS

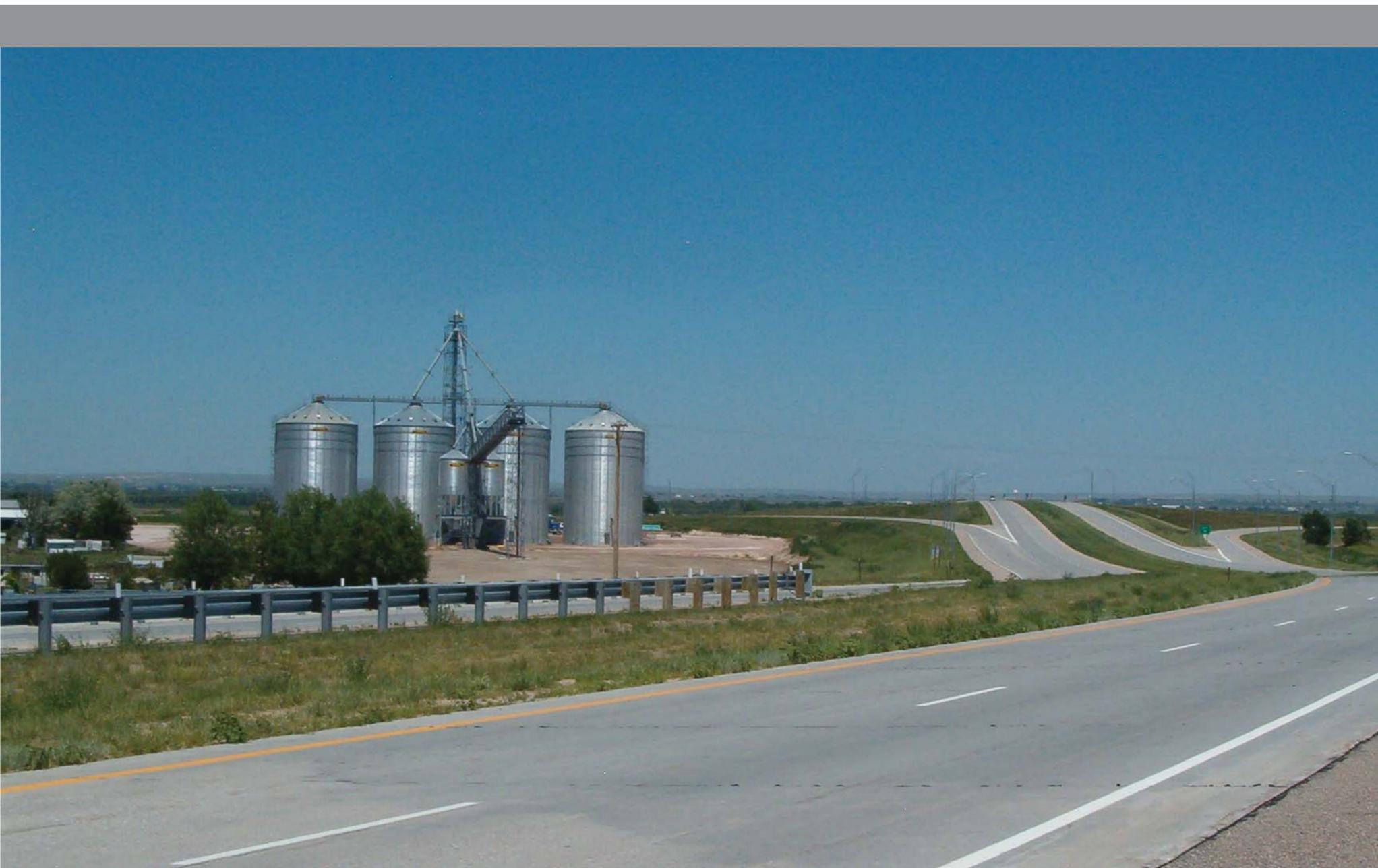
How are economic development considerations and the economic impacts of roadway investments being considered?

Coordination with Industry Leaders

Research and Evaluation of a Multi-State Economic Influence Area in terms of:

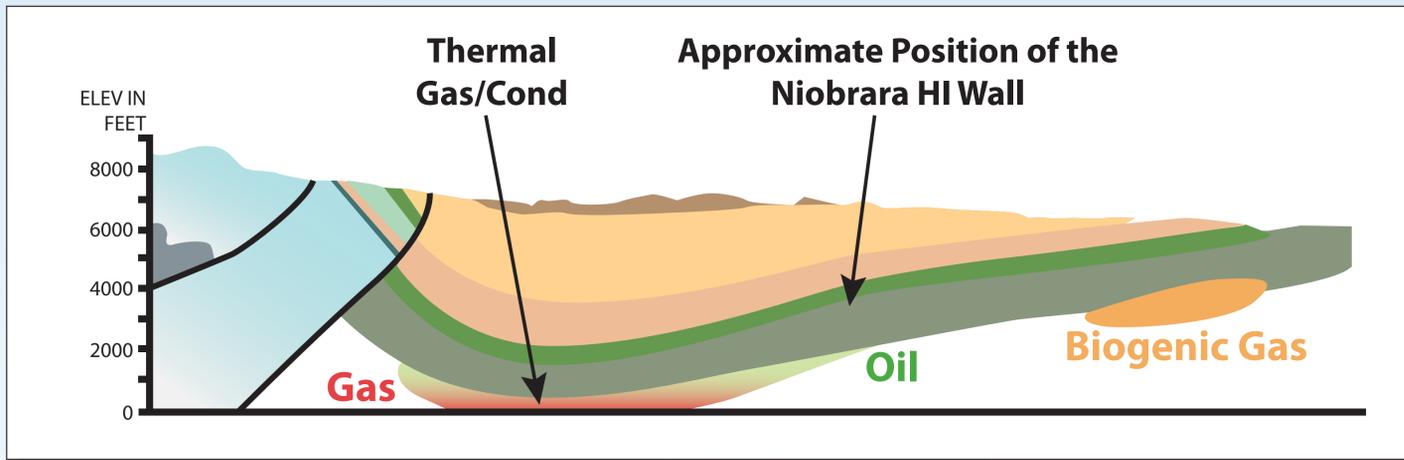
- Population and Economic Trends and Forecasts
- Rail and Truck Freight Growth
- Major Industrial Activities
- Economic Benefits from Roadway Infrastructure Investments

Development of Forecasts

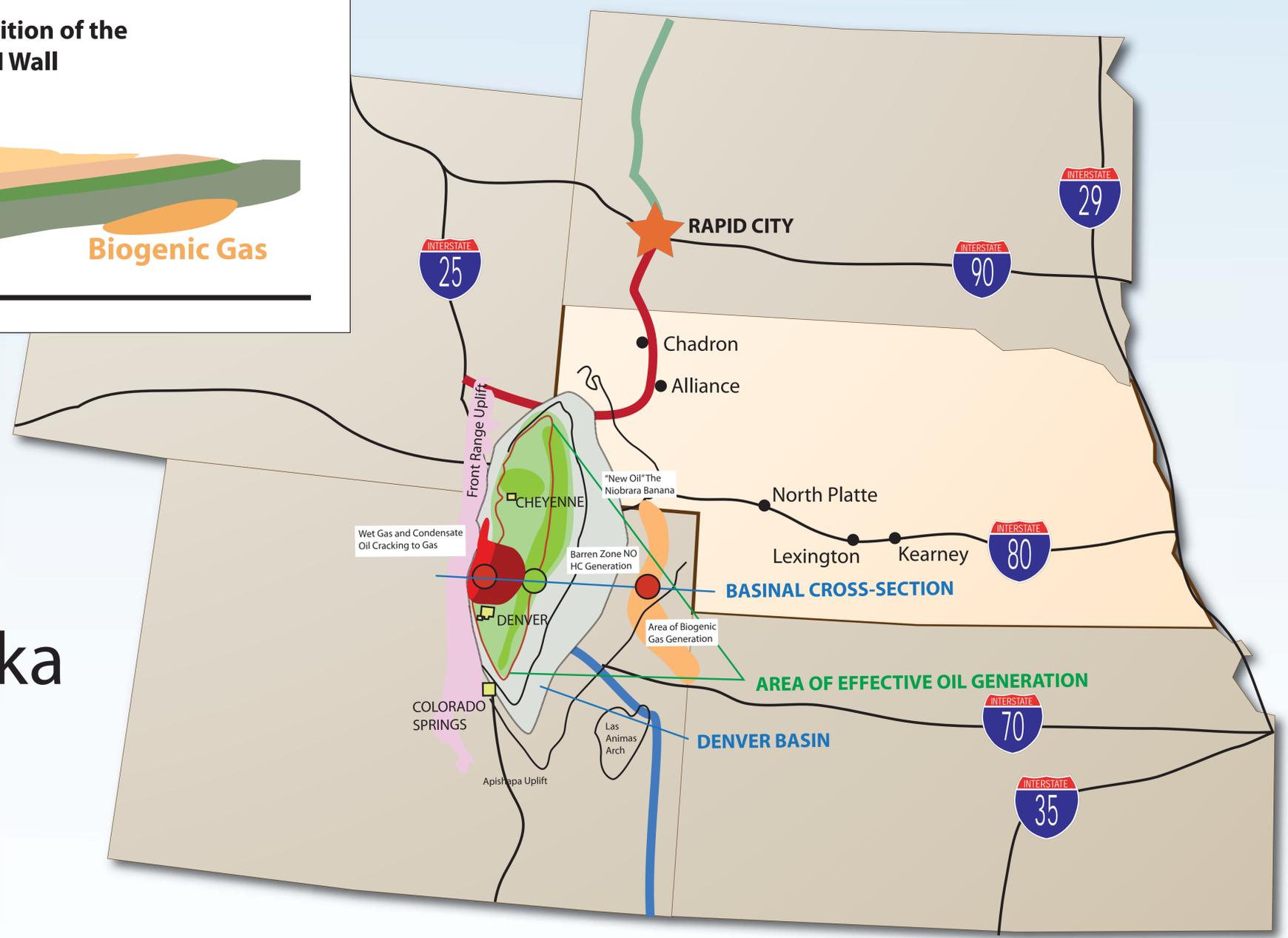




WHAT MAJOR INDUSTRIAL DEVELOPMENTS ARE ANTICIPATED?



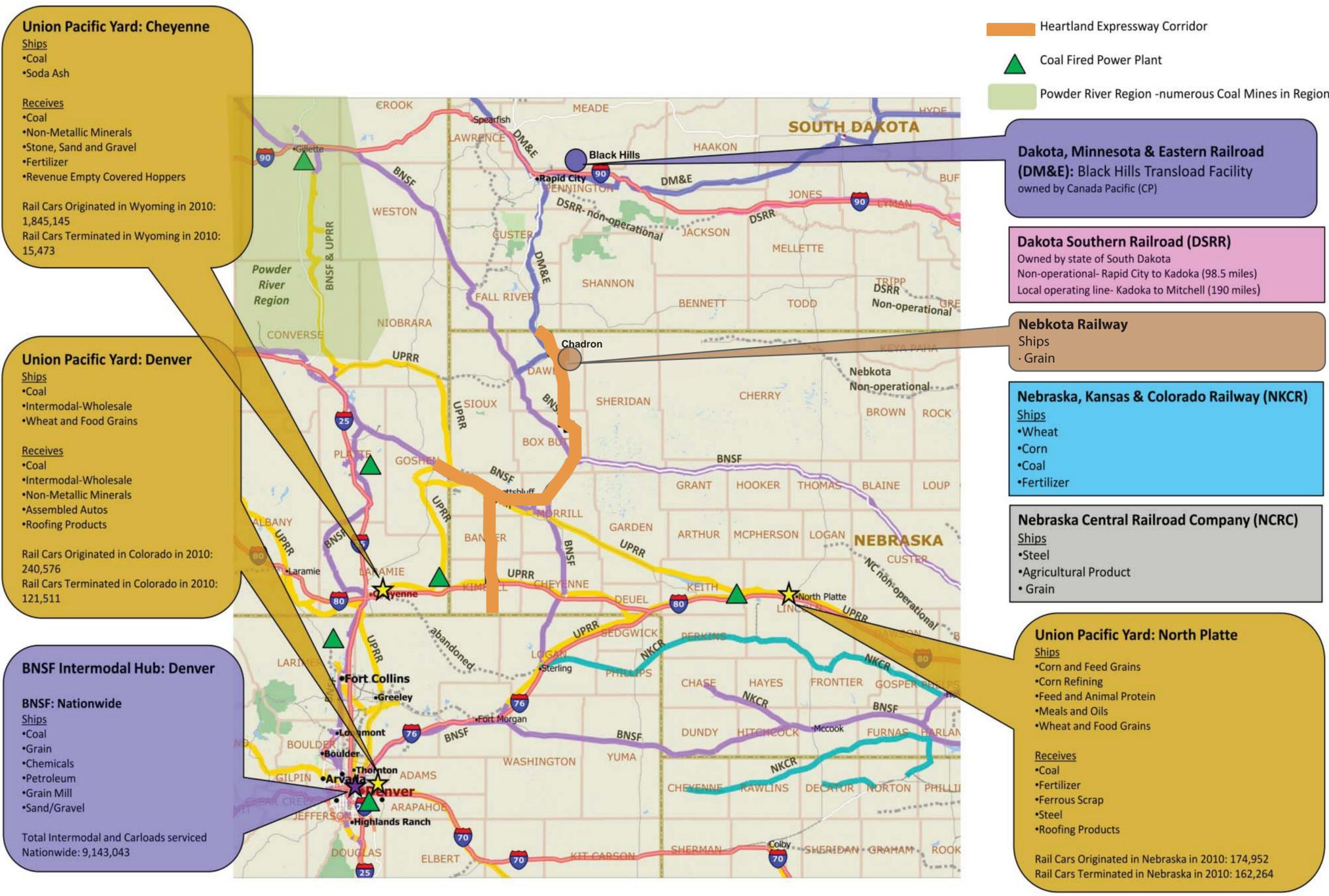
- Niobrara Formation Located in Wyoming, Colorado and Nebraska
- Renewable Energy



HEARTLAND EXPRESSWAY

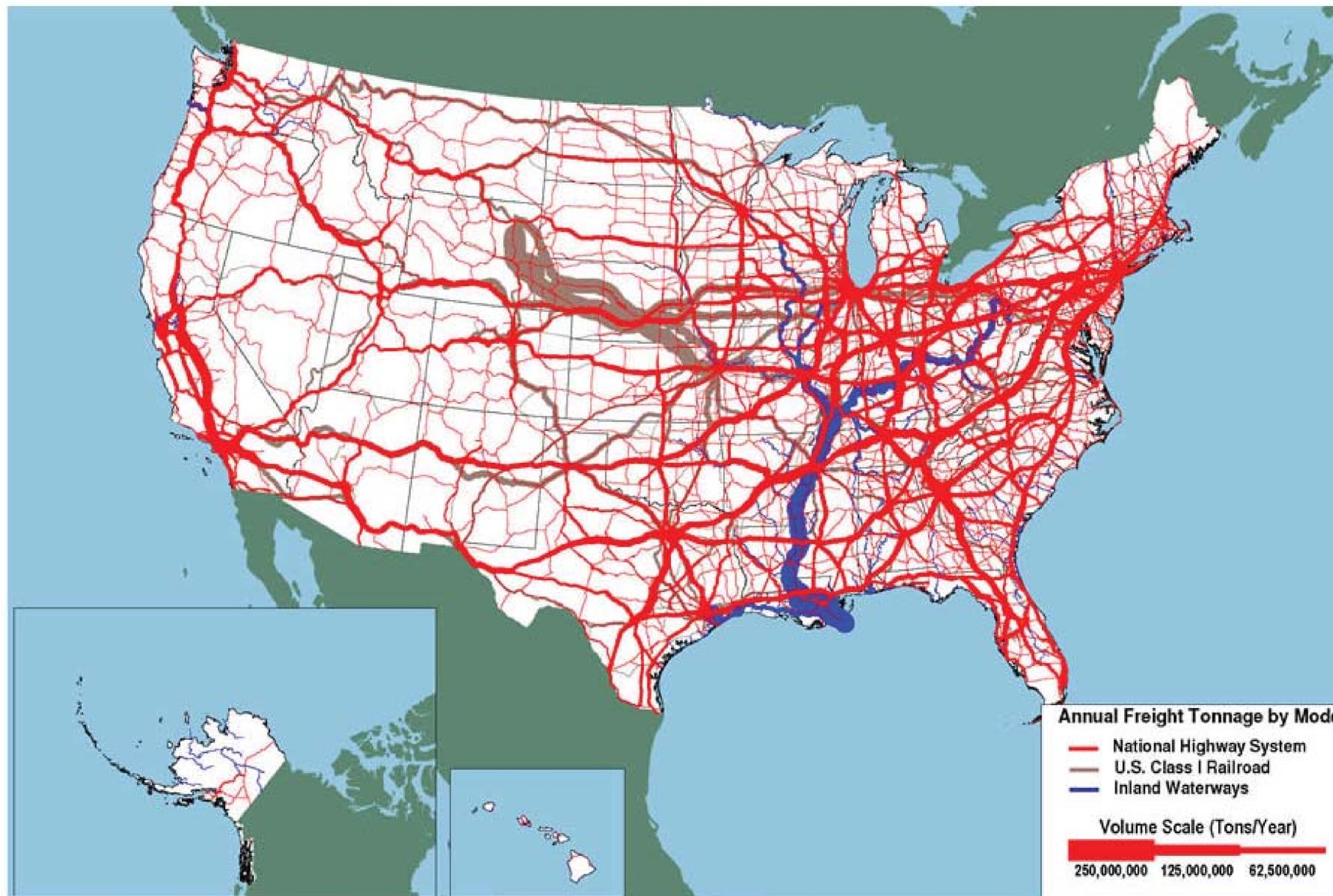


EXISTING RAILROADS





TONNAGE ON HIGHWAYS, RAILROADS and INLAND WATERWAYS: 2007



Sources: Highways: U.S. Department of Transportation, Federal Highway Administration, Freight Analysis Framework, Version 3.1, 2010. Rail: Based on Surface Transportation Board, Annual Carload Waybill Sample and rail freight flow assignments done by Oak Ridge National Laboratory. Inland Waterways: U.S. Army Corps of Engineers (USACE), Annual Vessel Operating Activity and Lock Performance Monitoring System data, as processed for USACE by the Tennessee Valley Authority; and USACE, Institute for Water Resources, Waterborne Foreign Trade Data, Water flow assignments done by Oak Ridge National Laboratory.



ENVIRONMENTAL CONCERNS





TRAFFIC FORECAST SCENARIOS

Existing and Future Baseline Conditions

2010 Existing Traffic:

This scenario serves as the baseline condition and applies existing traffic counts. The baseline condition is compared to the 2035 forecast scenarios to establish anticipated differences attributable to various factors.

2035 without Improvements:

This scenario evaluates 2035 conditions based on traffic counts and growth trends, but does not reflect traffic that may result from making transportation improvements that would draw additional vehicles into the Heartland Expressway Corridor. This scenario is often referred to as the “No Build Alternative”

Future “Build” Conditions

2035 With Heartland Improvements:

This scenario highlights how improvements within the boundaries of the Heartland Expressway Corridor would influence 2035 traffic volumes.

2035 With Heartland Improvements and Niobrara Activity:

This scenario reflects the future importance of transportation increases associated with anticipated natural resource extraction activities involving the Niobrara formation.

2035 With All Ports to Plains Alliance Corridor Improvements:

This scenario highlights how improvements along the entire Ports to Plains Alliance Corridor would influence 2035 traffic volumes without considering impacts of the Niobrara activity. This scenario includes the Heartland Expressway Corridor improvements.

2035 With All Ports to Plains Alliance Corridor and Niobrara Activity:

This is the long-term ultimate scenario reflecting all of the primary conditions that are expected to influence future traffic by 2035.



Assumptions for Corridor Scenarios

Scenario/ Assumptions	Population Growth	Economic Conditions	Travel Behavior	Anticipated Freight Activity	Major New Industrial Development (Niobrara)
2035 With Heartland Improvements	No Change from No Build, 15% increase from 2010	Baseline economic conditions same as No Build	Some shifting of travel demand to the Heartland Corridor, overall 9% increase over No Build	Some shifting of Freight demand to the Heartland Corridor, overall 8% increase over No Build	No Change from No Build
2035 With Heartland Improvements and Niobrara Activity	A 7% increase in the Panhandle area over No Build	Significant additional development due to the increased energy activity	30% increase over No Build	52% increase over No Build	Niobrara Play energy development
2035 With All Ports to Plains Alliance Corridor Improvements	A 7% increase in the Panhandle area over No Build	Baseline economic conditions same as No Build	63% increase over No Build	103% increase over No Build	No Change from No Build
2035 With All Ports to Plains Alliance Corridor Improvements and Niobrara Activity	A 13% increase in the Panhandle area over No Build	Significant additional development due to the increased energy activity	70% increase over No Build	124% increase over No Build	Niobrara Play energy development



HOW WILL TRAFFIC INCREASE IN THE FUTURE?

