

2040 NORTH DAKOTA STATE RAIL PLAN

EXECUTIVE STEERING COMMITTEE KICK-OFF MEETING

PREPARED FOR

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

PREPARED BY

WSP | PARSONS BRINCKERHOFF

SEPTEMBER 8, 2015

Parsons Brinckerhoff

- Experienced in developing PRIIA compliant state rail plans
- Team member Great Northern Corridor Coalition SWOT Analysis
- Updating Rail Transportation Rail Bottom Line Report for the state DOTs

Parsons Brinckerhoff Team

- KLJ
 - Extensive local knowledge and experience
 - Role: shortlines and transfer facilities
- Odney
 - Conducted significant number of NDDOT outreach efforts
 - Role: lead public involvement and stakeholder outreach efforts

Parsons Brinckerhoff Team

- Olsson Associates
 - Rail inventory and crossing analysis expertise; advisor to GNCC
 - Institutional knowledge
 - Role: infrastructure evaluation and institutional assessment
- Sambatek
 - Local experience and DBE qualifications
 - Role: GIS and environmental issues
- Witt O'Brien's
 - Safety expertise; author of *Crude Oil Preparedness Report*
 - Role: safety and emergency response issues

Issues

- Ensuring safe rail transportation
 - Crude Oil and Other Hazmat Transportation
 - Grade Crossings
- Providing consistently reliable, diverse service
 - Class I railroads – all commodities
 - Short line railroads – upgrading and preservation
 - Passenger rail – appropriate intercity service
- Rail service expansion – economic development
 - Intermodal Container Transfer Facility
 - Transload facilities
 - Emerging industries
- Funding future rail
- Understanding/defining role of the state of North Dakota

Scope of Services Phase I North Dakota Rail System Baseline

Project Planning Tasks

Task 1 Project Management Plan

- Project Management Plan
- Data Collection Plan (UGPTI)

Task 2 Stakeholder Coordination & Outreach

- Identification of stakeholders:
 - Railroads
 - Freight shippers/passenger advocates
 - State agencies
 - Local agencies, MPOs, economic development groups
 - Tribal nations
 - Multi-state organizations
 - Others
- Workshops, meeting schedules
- Communications and website design
- Initial interviews
- Survey development



Rail System Inventory Tasks

Task 3 System Description and Inventory

- Railroad company profiles – North Dakota rail network
- Infrastructure and facilities
- Freight and passenger facilities
- Freight operations: train types and services
- Passenger operations and performance
- Passenger ridership
- Rail safety and security profile/assessment
- Current rail freight initiatives



Rail System Inventory Tasks

Task 4 Institutional Structure

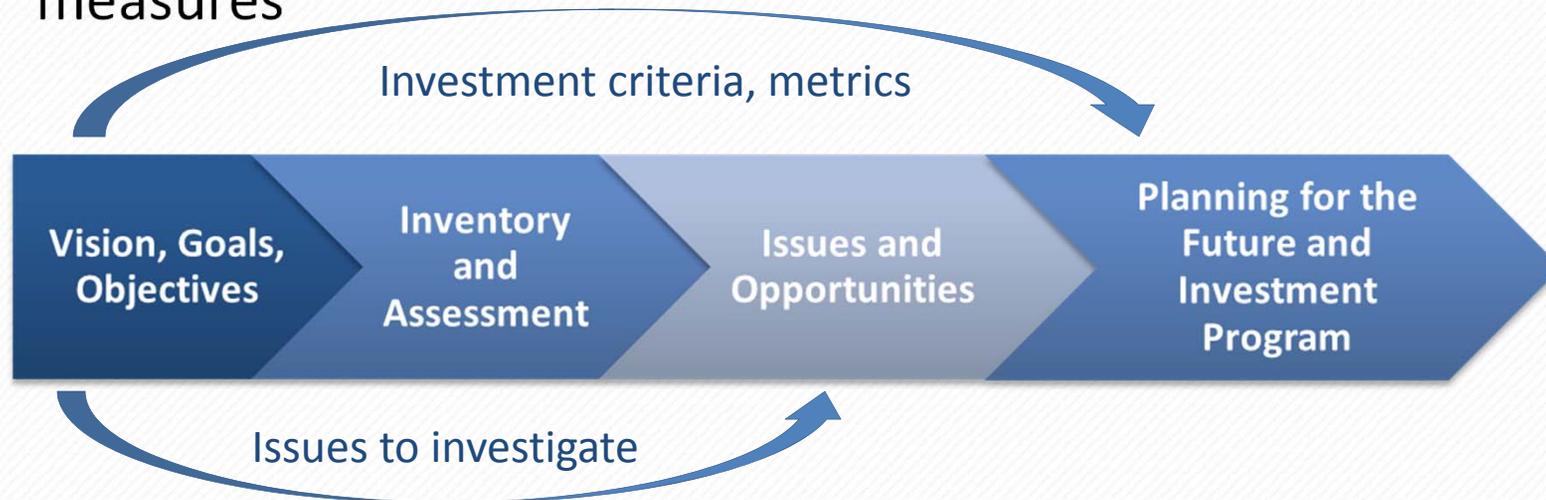
- Legislative history
- Regulations, policies, programs
- Organizations and organizational structures
- State-local-regional integration



Role of Rail Tasks

Task 5 Rail Vision, Goals, and Objectives

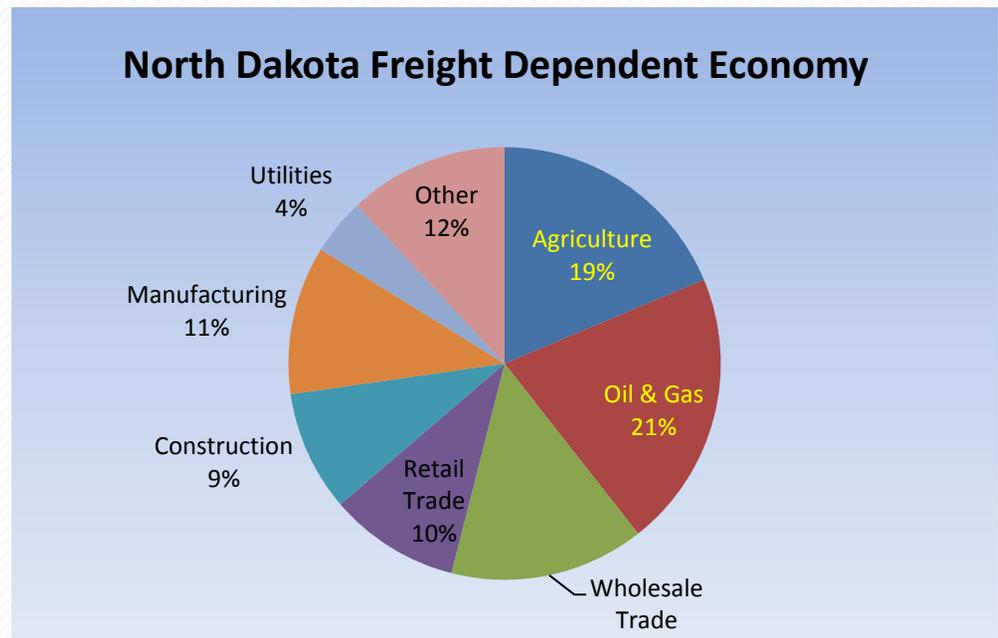
- Vision, goals, objectives development
- Identification of performance measures



Role of Rail Tasks

Task 6 Freight Dependent Industries & Traffic Analysis

- Freight dependent industry identification (UGPTI)
- Emerging industries (UGPTI)
- Freight traffic analysis (UGPTI)



Role of Rail Tasks

Task 7 Current Role of Rail (UGPTI)

- Freight market participation
– freight modal shares
- Passenger market participation – passenger modal shares
- Modal connectivity





Scope of Services Phase II Identification of Rail Needs and Opportunities

Needs Analysis Input Tasks

8. Stakeholder Outreach

- Expert roundtable meetings
- Public meetings
- Individual interviews

10. Trends and Other Considerations

- Safety concerns
- Market expansions and emerging industries
- Changing trade patterns
- Reconfiguration of logistics networks
- Railroad strategies
- Demographics
- Changing land-use patterns
- Policy changes

Needs and Opportunities Identification Tasks

9. Effectiveness of Institutional Structure, Rail Programs, Policies

- Evaluation of institutional structure
- Recommended improvements

11. Rail Transportation, Economic, Environment, and Safety Assessment: Needs and Opportunities

- Assessment of rail benefits/contributions
- Identification of needs and opportunities: mobility, connectivity/access, state of good repair, economic development, environment, safety/security



Scope of Services Phase III Rail Service and Investment Program

Rail Service and Investment Program Tasks

12. Rail Service Investment Projects and Initiatives

- Identification of projects and initiatives: infrastructure, operations, policies, institutions
- Determine costs
- Scoring approach

13. Rail Service and Investment Program

- Prioritization
- Funding alternatives
- Rail Service and Investment Program
- Implementation plan

Rail Plan Roll-Out Tasks

14. Final Plan Preparation

- Draft plan for public comment
- Final state rail plan
- Final state rail plan rollout

Schedule

