



## Discussion with **State Land Use Planning Advisory Council** on Sensible Freight Transportation Land Use Planning

August 13, 2020



# Introduction

- NDOT is developing a new statewide rail plan
- Stimulating rail-aided economic development
- To accomplish both—**Connect Rail Nevada**

# Key Principles of Connect Rail Nevada

- Integrate rail and truck transportation
- Economic development from a rail strategy
- Smart transportation land use
- Private-sector funding
- Whole supply-chains, not just projects

# What is the status of freight rail service in Nevada?

## Key data points...

- Nevada rail activity that goes right thru the state 83%
- Freight in Nevada carried by traffic to or from instate businesses
- 77% of all Nevada freight tonnage is carried by trucks
- 70% of all truck traffic in the state is coming from or going to California

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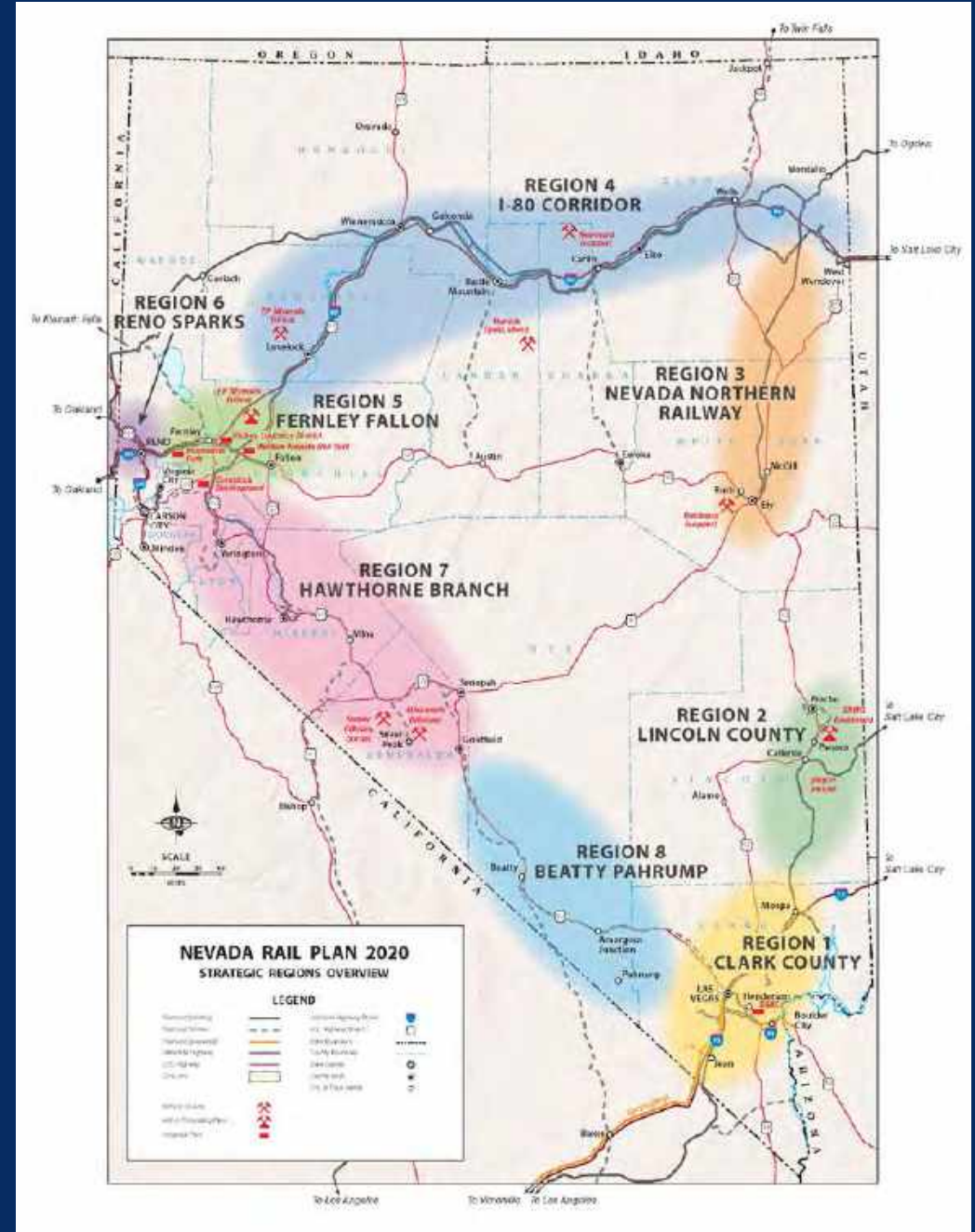
# APPROACH – Rally an entire state around rail business development

- Include all:
  - Economic development entities (9)
  - Land developers (21)
  - Acres under influence (639,000)
  - Truckload shippers on rail line (52 mfrs and 88 warehouses)
  - Truckload shippers not on rail line (573)
  - Facilities with inactive rail sidings (51 mfrs/transloaders, 48 warehouses)
  - Mines (130)
  - Stakeholders Catalogued (450)
  - Stakeholders Engaged (228)

# Implementation

## Regional Team Strategy

- Southern Nevada—Region 1
- Lincoln County—Region 2
- Nevada Northern Railway—Region 3
- I80 Corridor—Region 4
- Fernley Region—Region 5
- Reno-Sparks-Stead Strategy—Region 6
- Hazen-to-Hawthorne Corridor Strategy—Region 7
- Beatty – Pahrump—Region 8



# Implementation

## Tools Strategy

*Provide stakeholders with actionable information and tools for enhancing their own and their collective projects*

- Stakeholder lists
- Nevada's freight shippers and receivers
  - *Truckload shipper lists*
  - *Rail shipper lists*
- Nevada's industrial developers
- Nevada's municipalities and economic development agencies
- Nevada's industrial associations
- Rail asset and property index
- Rail project lists
- Freight data

## 15-layer state and regional map

- Main rail lines and branch lines with roads
- Yard and interchange tracks
- Team and house tracks (potential transloading sites)
- Existing sidetracks to active customers
- Existing sidetracks to inactive customers
- Existing potential rail customers without sidetracks
- Selected land segments that can feasibly be reached by rail and commercially relevant
- Opportunity Zones
- Land use zoning—county by county
- Regional maps
- Stakeholders
- Truckload shipper locations, businesses
- Potential freight rail projects
- Freight data
- Passenger rail assets, existing stations and lines that are potential for passenger service



# Implementation

## Supply Chain System Strategy

*Expand investment strategies to statewide and regional supply chain level for:*

- Mining materials
- Food and beverage
- Building materials
- Construction aggregates
- Chemicals
- Containers
- Agriculture
- Waste & scrap
- Manufacturing
- Energy

# Implementation

## Mining Materials Supply Chain Logistics Strategy

### *Comprehensive mining supply chain infrastructure plan*

- Map the mining industry and supply chain
- Map storage and distribution facilities
- Map mines in development
- Propose optimal mining supply chain system



# Implementation

## California-Nevada Supply Chain Alliance

*A two-state alliance for supply chain coordination*

- Nevada's economic development has been spurred by its adjacency to California
- Truck traffic is increasing in both states
- 70% of all trucks in Nevada are coming from or going to California
- Increasing congestion through Reno-Sparks and Clark County is problematic
- Revitalizing rail service will improve the economy, environment, and quality of life

# Implementation

## Private-sector Funding Strategy

*Launch new model for private/public funding of rail development*

- Private sector wants to fund rail projects
- Integrate Federal funding from:
  - US Department of Transportation
  - US Department of Agriculture
  - US Department of Commerce
  - US Small Business Administration

# Implementation

## Union Pacific and BNSF Partnership Strategy

*Co-develop corridor and regional rail service plans*

- Present the entire state as a growth opportunity
- Immediate opportunities for 12-24 mos. and longer term for 2-12 years
- Rail education for town, county, and state economic and land development leaders
- Connect prospects to rail service, rail properties, and funding
- Renewed attention to local rail development statewide

# Freight Transportation Land Use Discussion

*What sensible approaches to consider?*

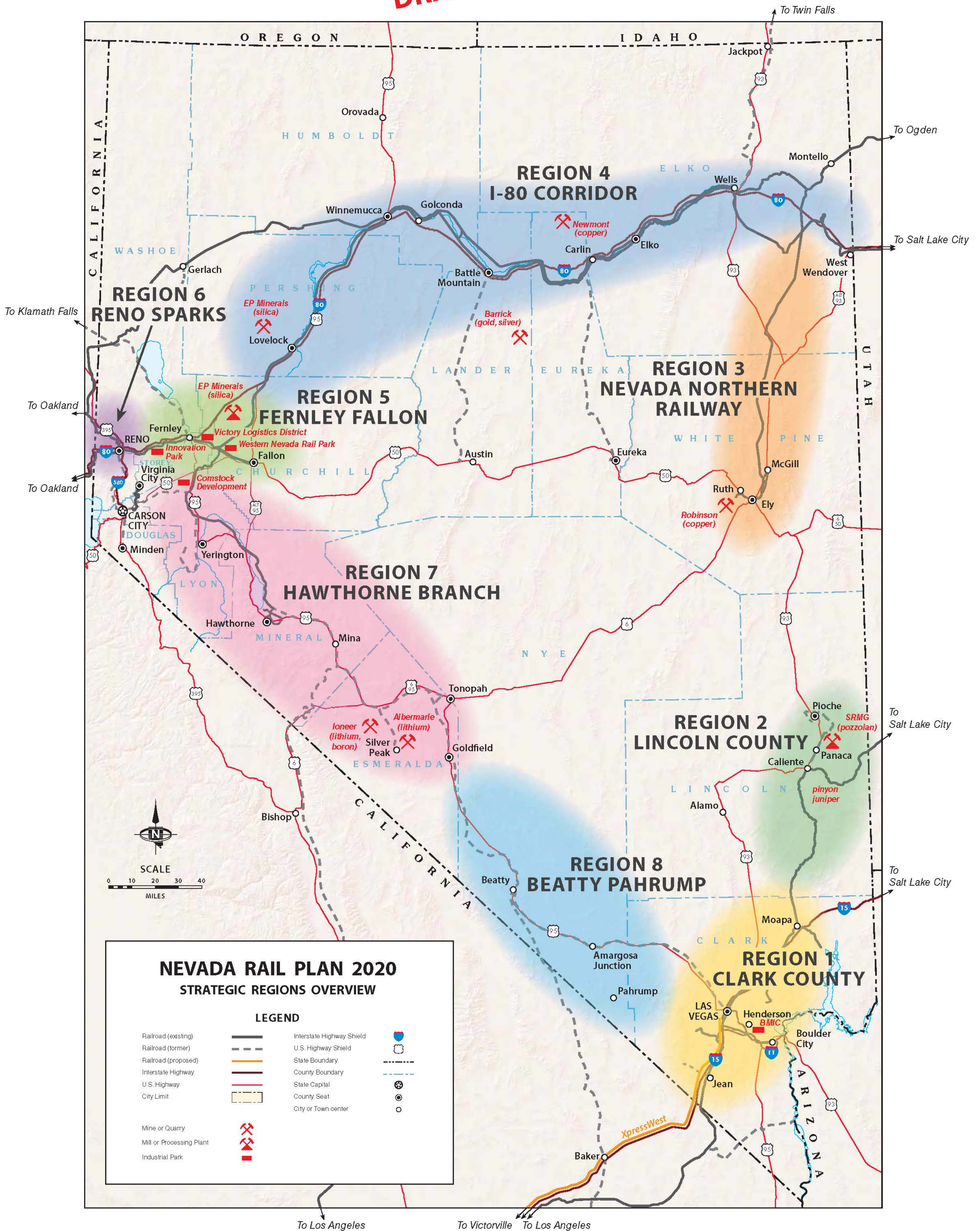
- a. Support developers to complete logistics plans
- b. Preserve land along rail ROW's for rail-served development
- c. Create statewide rail-oriented property database
- d. Co-locate utility and transportation corridors
- e. Co-locate innovative passenger rail services on freight rail lines
- f. Offer property tax incentives to shippers using Nevada's rail system
- g. Establish low-interest, long-term financing for rail infrastructure
- h. Develop corridor rail development and operating plans
- i. Support real estate brokers to market properties as "rail access sites"

# Freight Transportation Land Use Discussion

*Notes...*



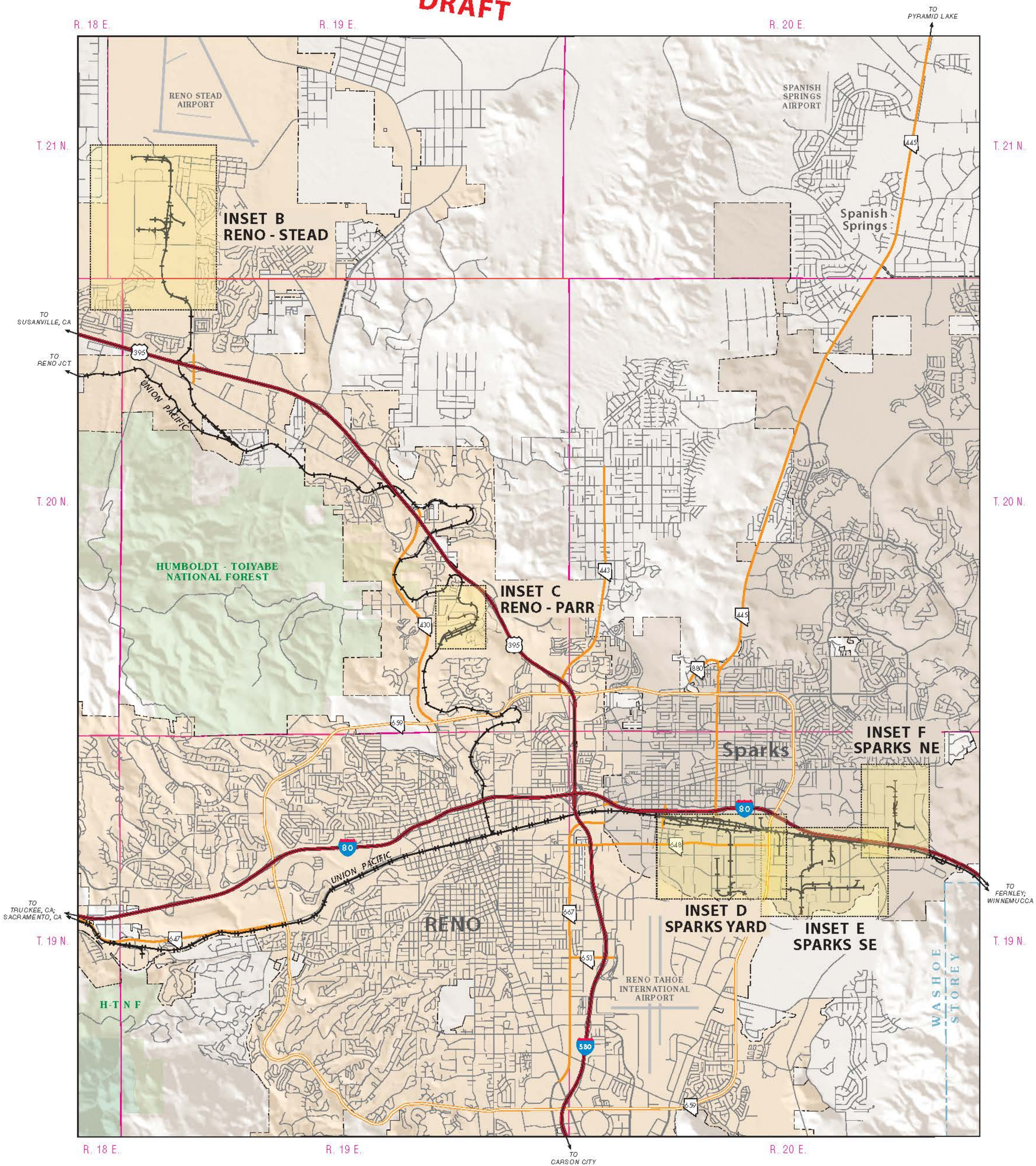
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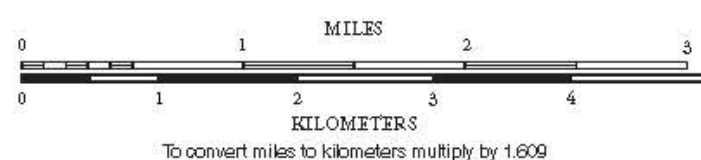
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LEGEND

Interstate Highway		Interstate Highway Shield	
U.S. Divided Multilane		U.S. Highway Shield	
U.S. Highway		State Highway Shield	
State Divided Multilane		State Boundary	
State Highway		County Boundary	
Other Road		City Limit	
Railroad		County Seat	
Inset Map Area		City or Town center	

NEVADA RAIL PLAN  
STRATEGIC REGION 6  
RENO - SPARKS AREA



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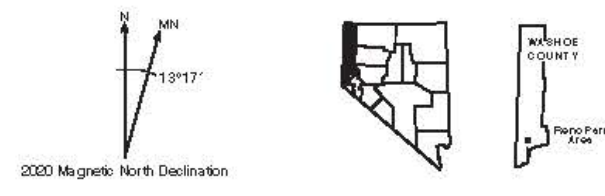




- LEGEND**
- Railroad track
  - Facilities with sidetracks in use
  - Facilities with sidetracks not in use
  - T/L shippers w/o sidetracks near rail R-O-W
  - UP sidetracks with transloading potential

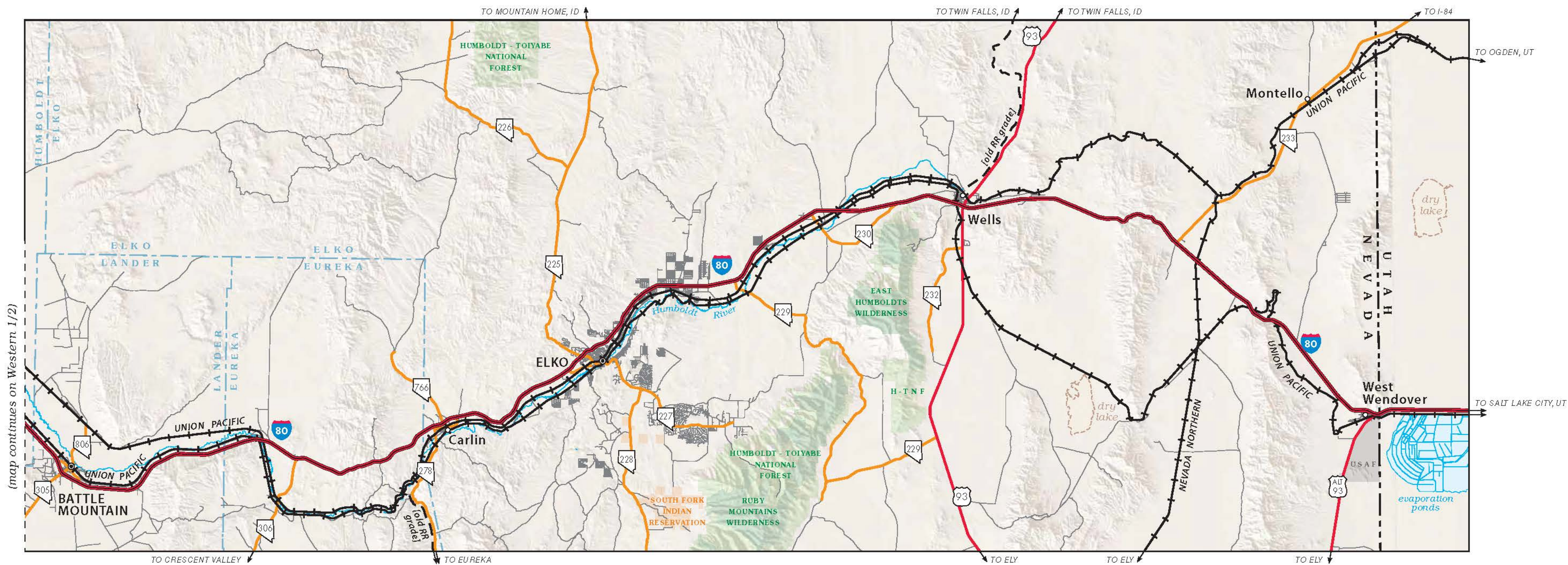
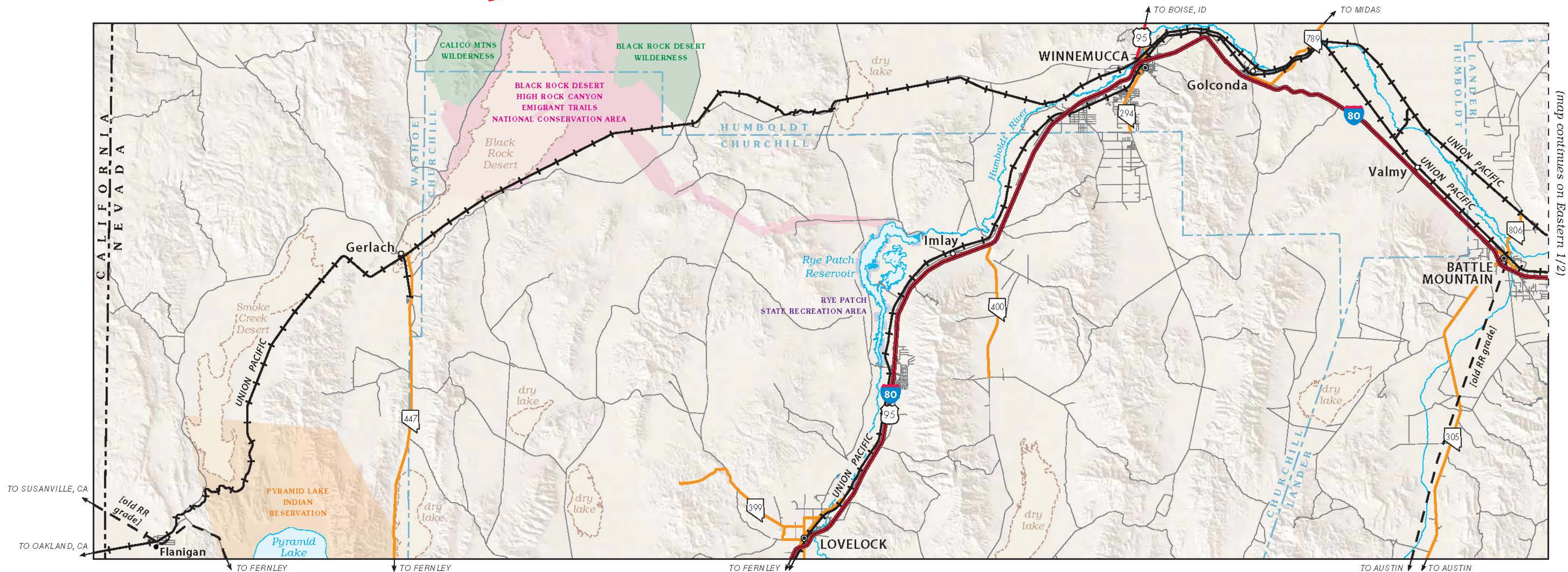
**NEVADA RAIL PLAN**  
**INSET C - RENO PARR AREA**  
**SHIPPERS WITH EXISTING SIDETRACKS AND SHIPPERS NEARBY**

0 250 500 750 1000  
0 100 200 300  
FEET  
METERS  
To convert feet to meters multiply by 0.3048





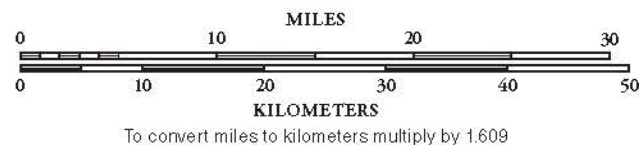
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LEGEND

- |                    |  |                           |  |
|--------------------|--|---------------------------|--|
| Interstate Highway |  | Interstate Highway Shield |  |
| U.S. Highway       |  | U.S. Highway Shield       |  |
| State Highway      |  | State Highway Shield      |  |
| Other Road         |  | State Boundary            |  |
| Railroad           |  | County Boundary           |  |
|                    |  | County Seat               |  |
|                    |  | City or Town center       |  |

NEVADA RAIL PLAN 2020  
STRATEGIC REGION 4  
I-80 CORRIDOR



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