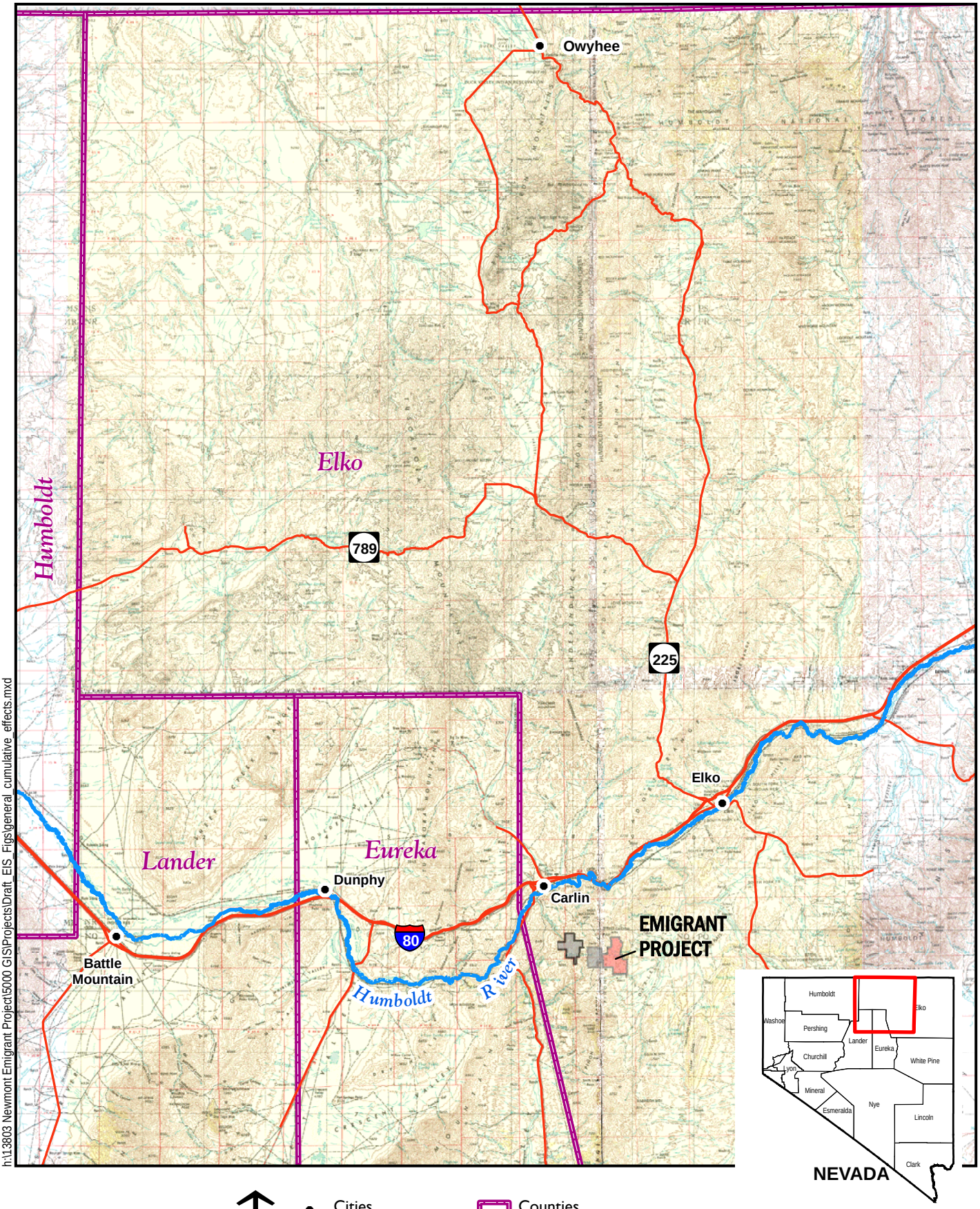

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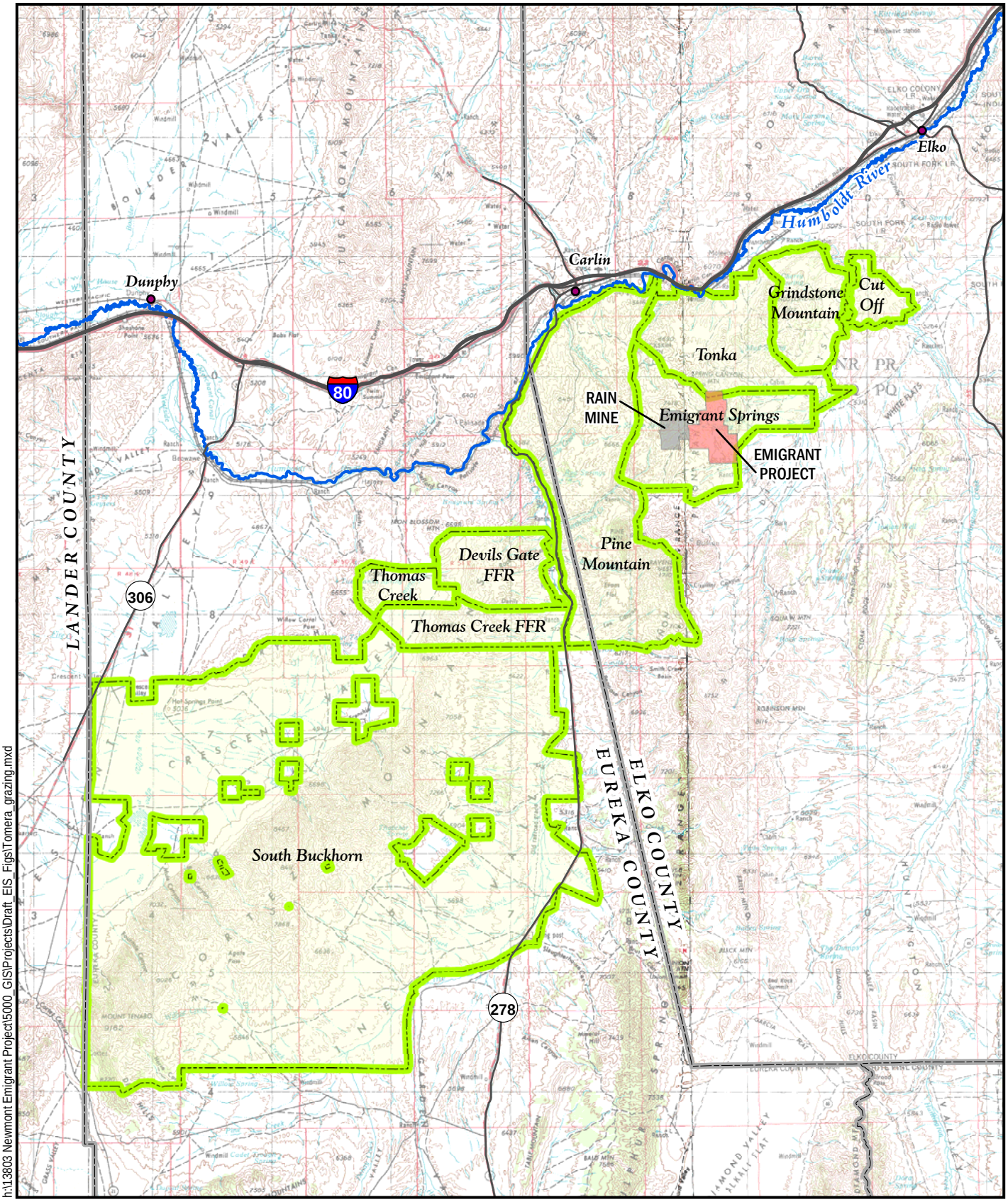
0 Miles 20

N

- Cities
- Humboldt River
- Interstate Highway
- Other Major Roads
- Counties
- Plan Boundaries
- General Cumulative Effects Study Area

U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

General Cumulative Effects Study Area
Emigrant Project
Elko County, Nevada
FIGURE 4-1



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Grazing Allotments

U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

Cumulative Effects Study Area - Grazing Management
Emigrant Project
Elko County, Nevada
FIGURE 4-10

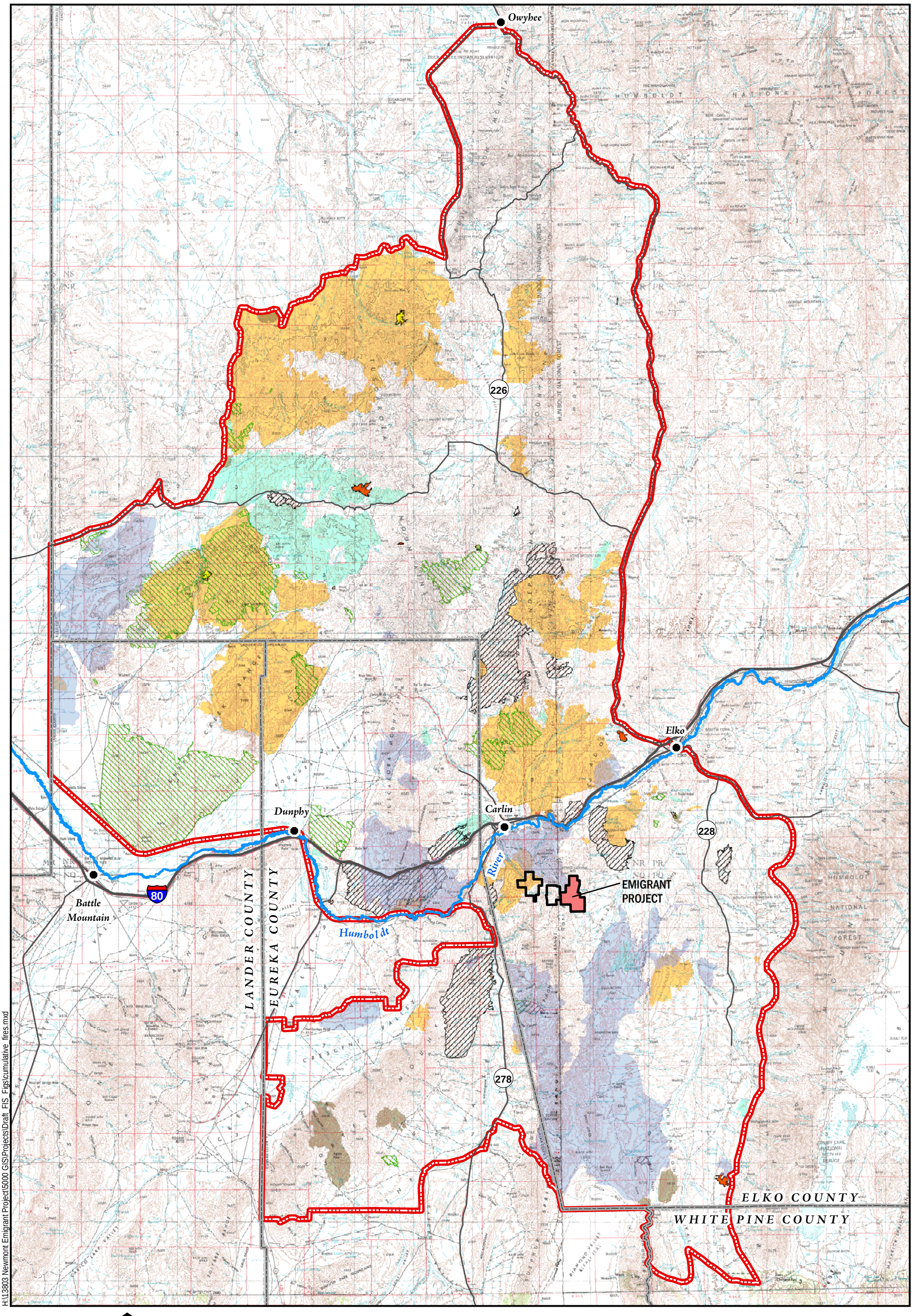
0 50 Miles

N

Cities
Humboldt River
Interstate Highway
Other Major Roads
Cumulative Effects Study Area

U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

Socioeconomic Resources
Cumulative Effects Study Area
Emigrant Project
Elko County, Nevada
FIGURE 4-11



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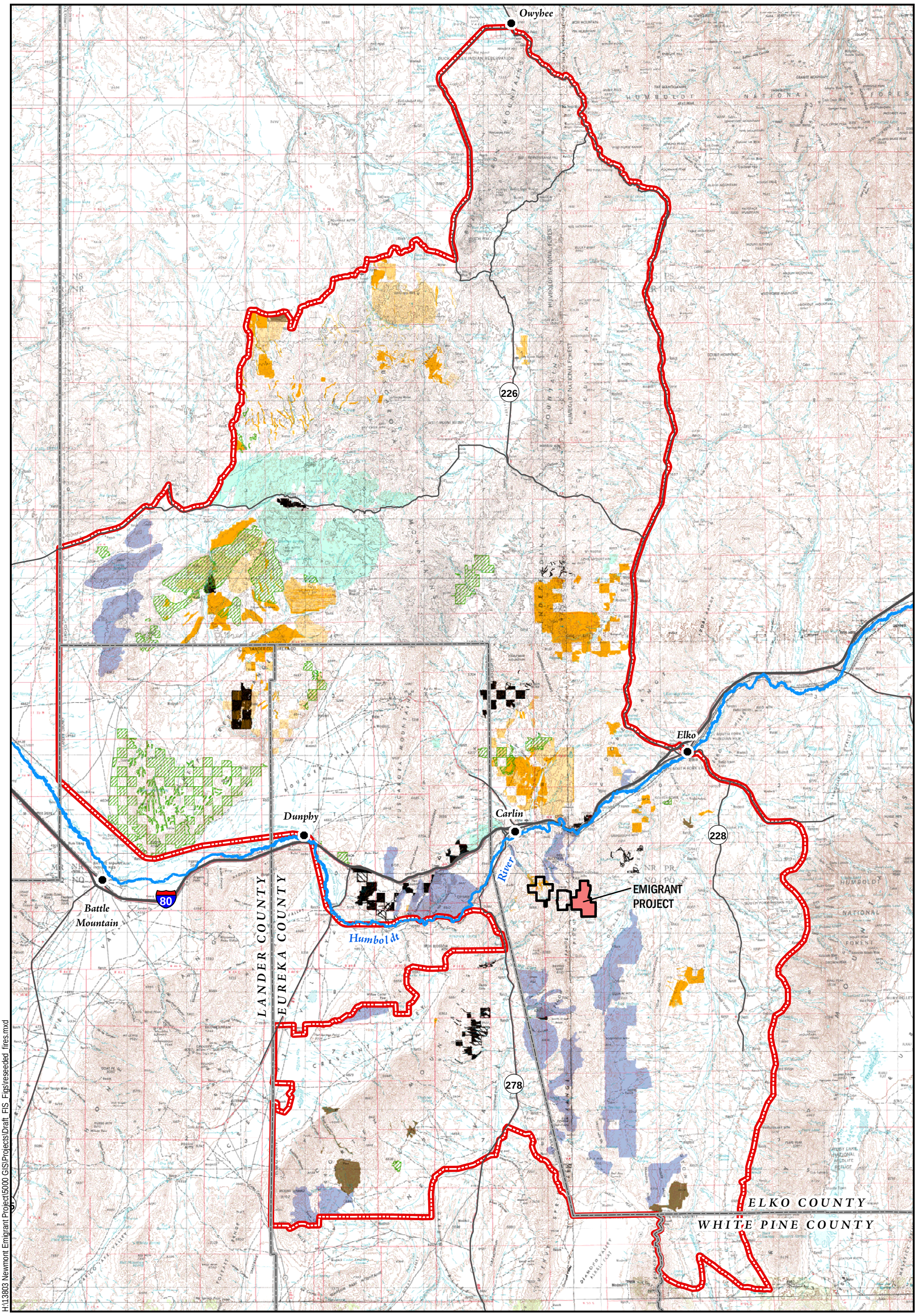
U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

- Cities
- Humboldt River
- Interstate Highway
- Other Major Roads
- Mine Boundaries
- Composite Cumulative Effects Study Area Including: Water, Wildlife, Geology, Soil, Fishery/Aquatics, Wetlands, Grazing, Land Use, and Visual Resources

Fire Years

1999	2003
2000	2004
2001	2005
2002	2006
	2007

Historical Fires - 1999 - 2007
Emigrant Project
Elko County, Nevada
FIGURE 4-2



0 Miles 10

N

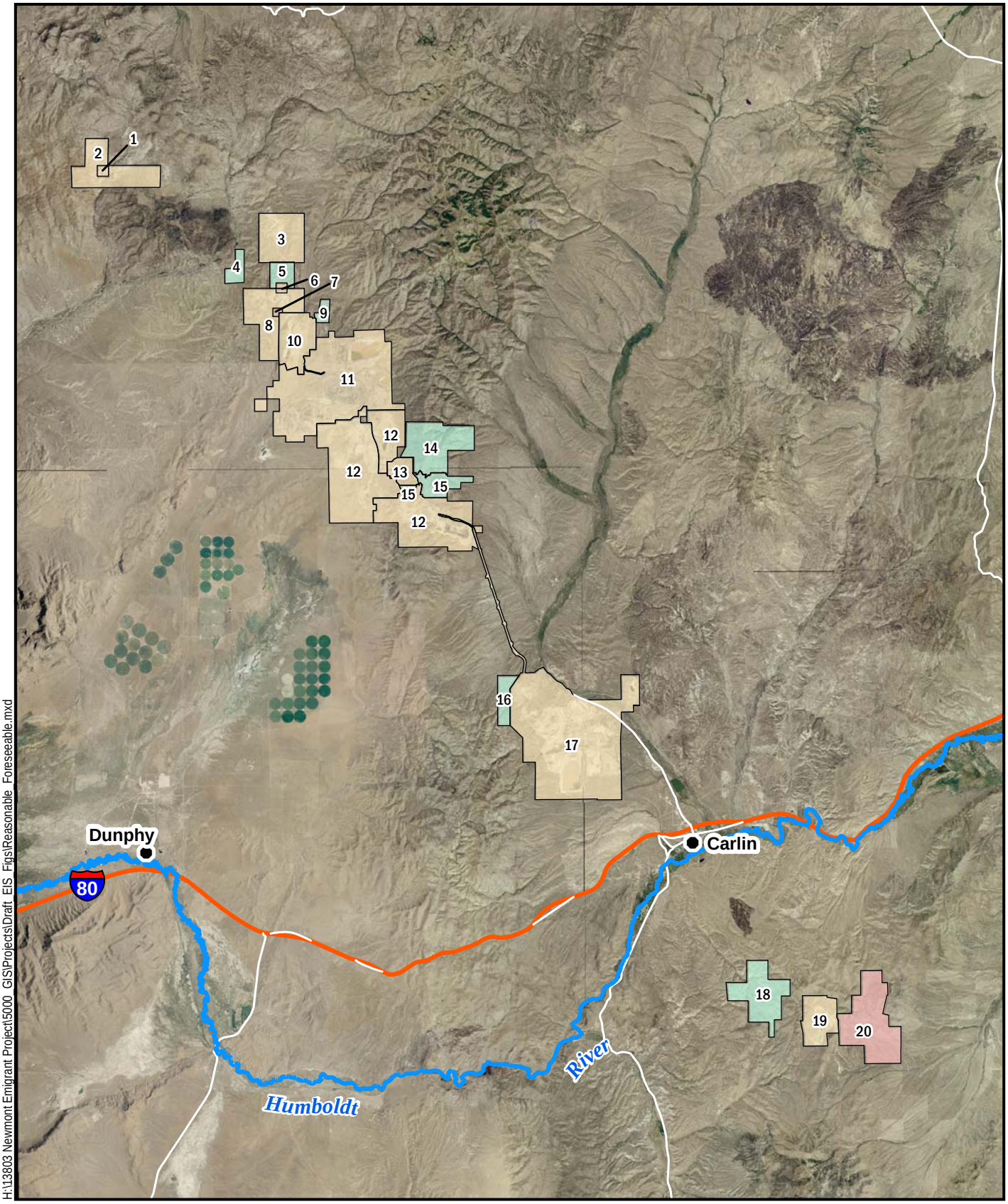
U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

- Cities
- Humboldt River
- Interstate Highway
- Other Major Roads
- Mine Boundaries
- Composite Cumulative Effects Study Area Including: Water, Wildlife, Geology, Soil, Fishery/Aquatics, Wetlands, Grazing, Land Use, and Visual Resources

Years Reseeded

- 1999
- 2000
- 2001
- 2003
- 2005
- 2006
- 2007

Reseeded Areas - 1999 To 2007
Emigrant Project
Elko County, Nevada
FIGURE 4-3



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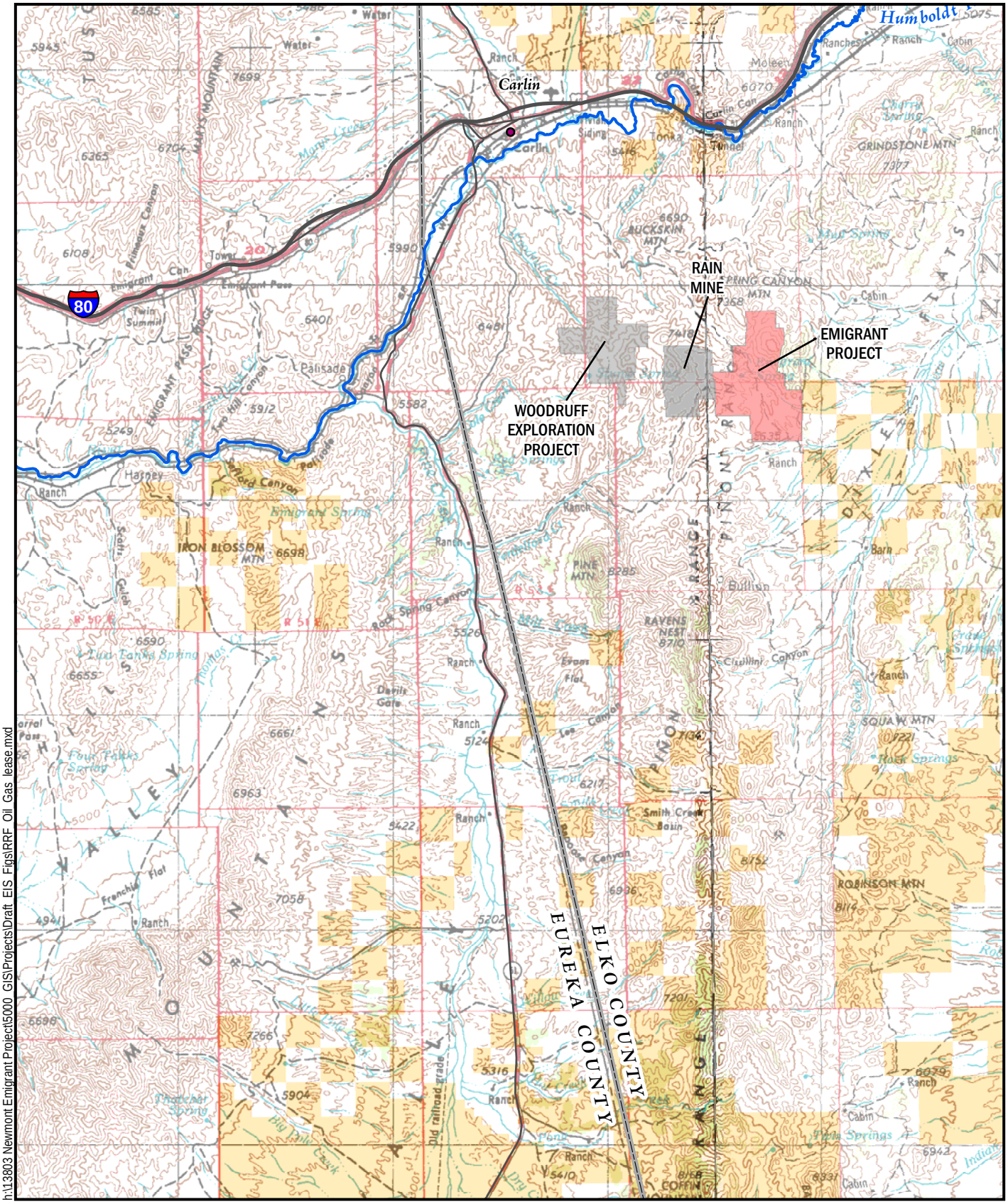
0 5 Miles

N

U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

- Cities
- Humboldt River
- Interstate Highway
- Other Major Roads
- Area of Current Major Exploration
- Areas of Existing and Reasonably Foreseeable Development As Defined By Mine Plan
- Locations of Reasonably Foreseeable Mine Developments

Past, Present and Reasonably Foreseeable Future Mining Activities - Carlin Trend in Nevada
Emigrant Project
Elko County, Nevada
FIGURE 4-4



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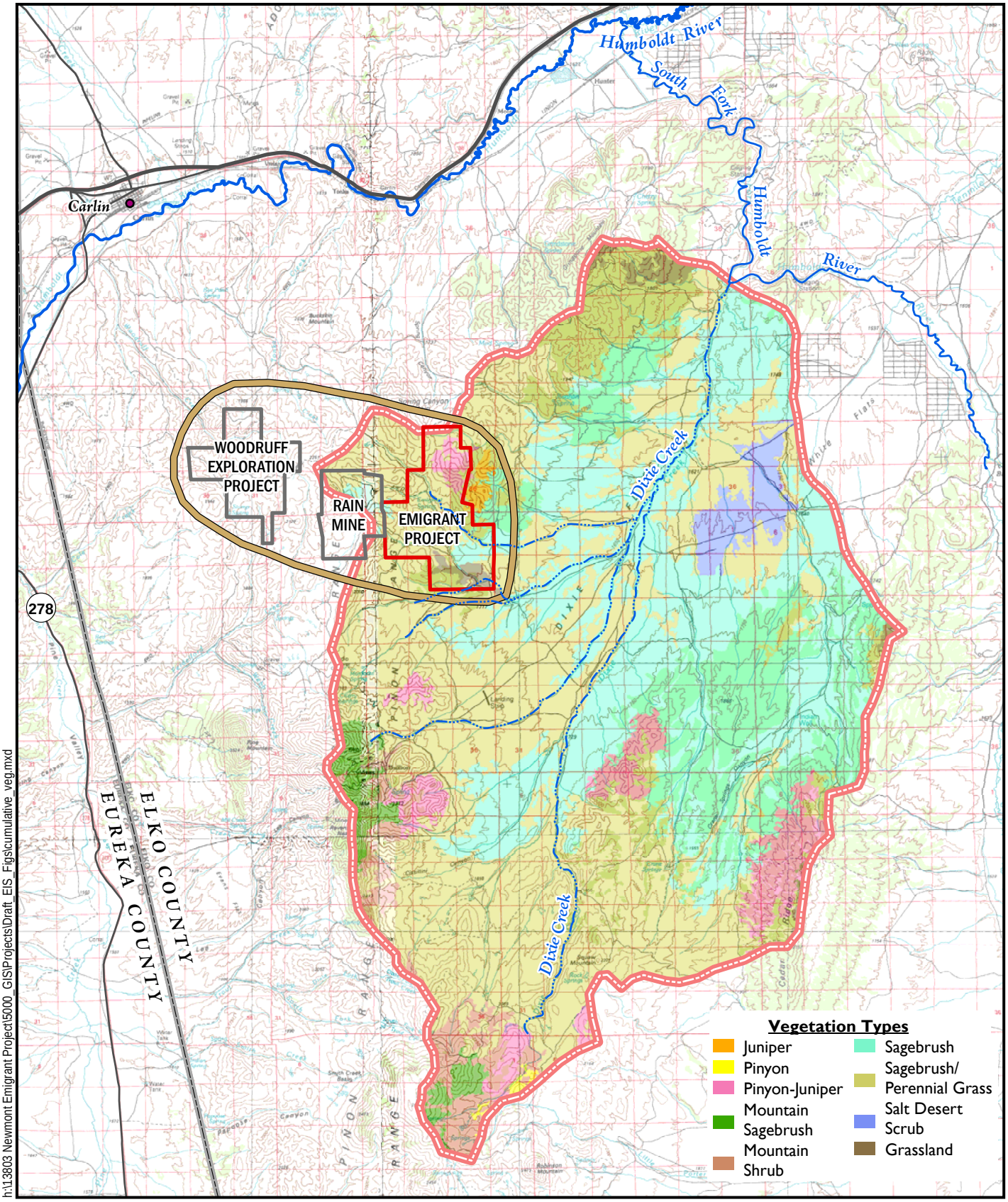
0 Miles 3

N

Oil and Gas Leases

U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

Oil, Gas, and Geothermal Lease Areas
Emigrant Project
Elko County, Nevada
FIGURE 4-5



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0 Miles 3

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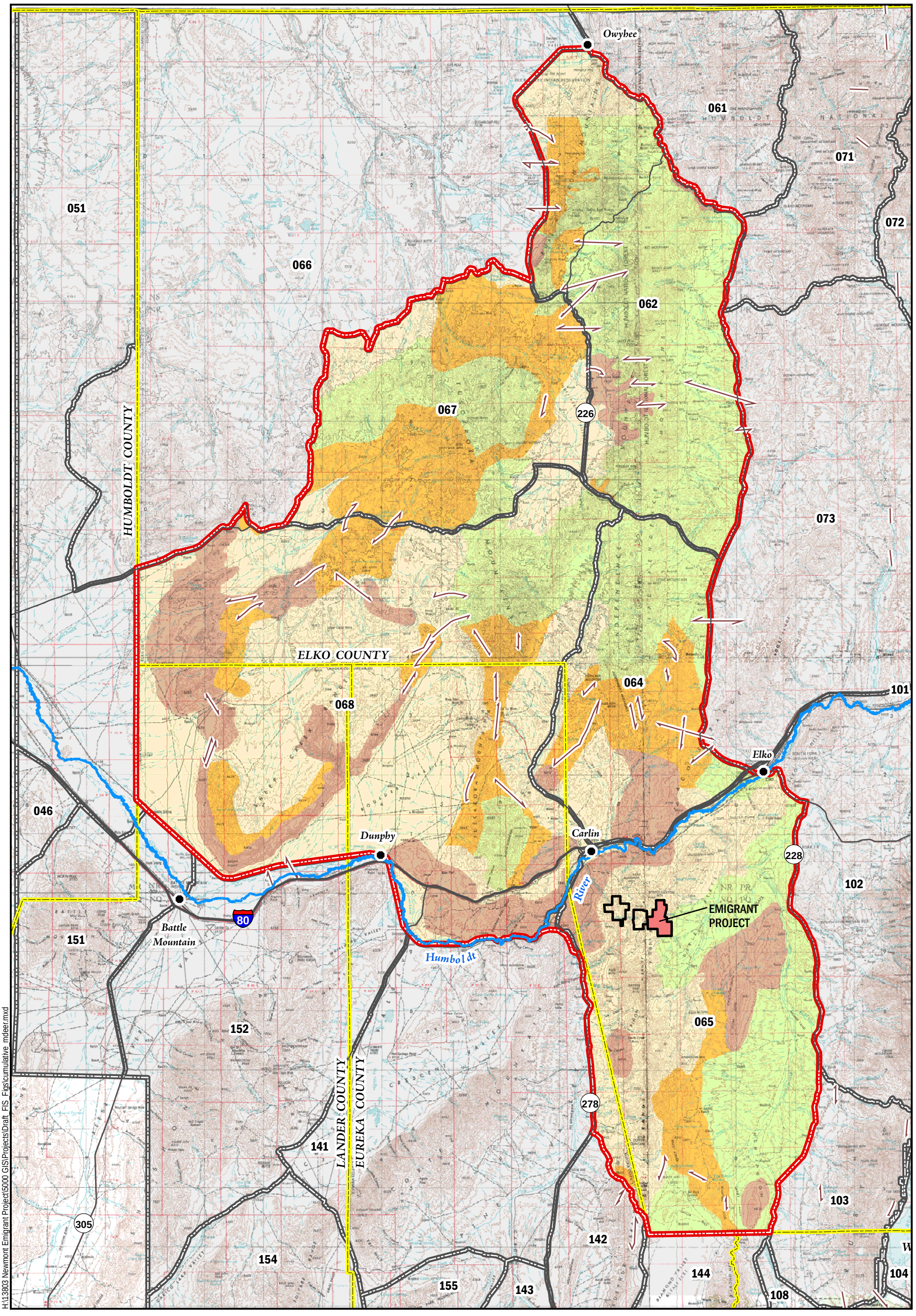
Bureau of Land Management
Elko District Office
Elko, Nevada

Cumulative Effects Study Area for Air, Water, Soil, and Upland Vegetation, Wetland/ Riparian Areas, Selected Wildlife, Access and Land Use, Visual, Native American Concerns

Cumulative Effects Study Area for Cultural Resources

Selected Resources
Cumulative Effects Study Area
Emigrant Project
Elko County, Nevada
FIGURE 4-6



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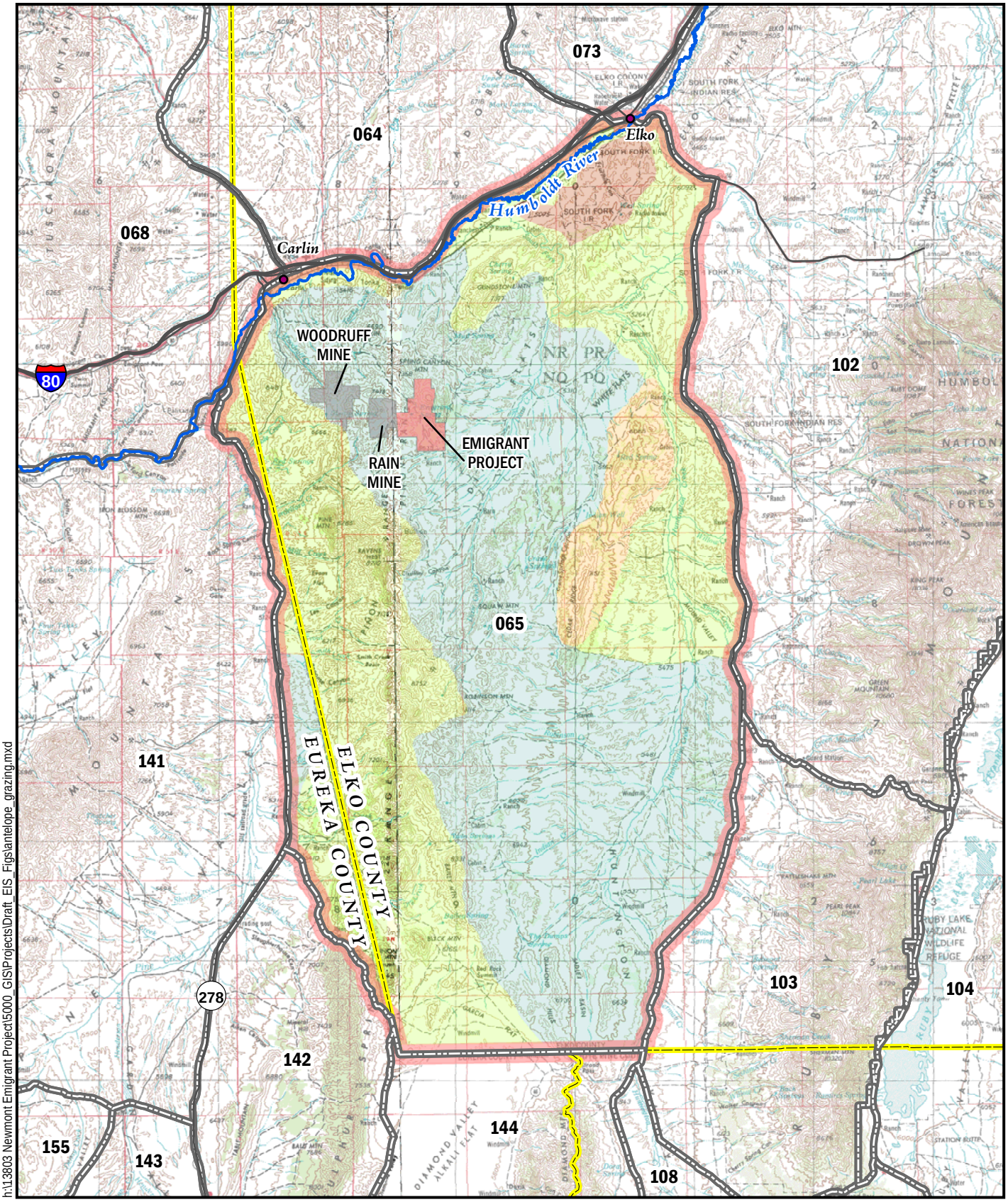
U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

- Cities
- Humboldt River
- Interstate Highway
- Other Major Roads
- Deer Migration Corridor
- Cumulative Effects Study Area
- NDOW Unit Boundaries
- Mine Boundaries

Mule Deer Habitat

- Summer
- Intermediate
- Crucial Winter
- Low Density

Mule Deer Habitat
Cumulative Effects Study Area
Emigrant Project
Elko County, Nevada
FIGURE 4-7



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U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

NDOW Unit Boundaries

Cumulative Effects Study Area

Antelope Habitat

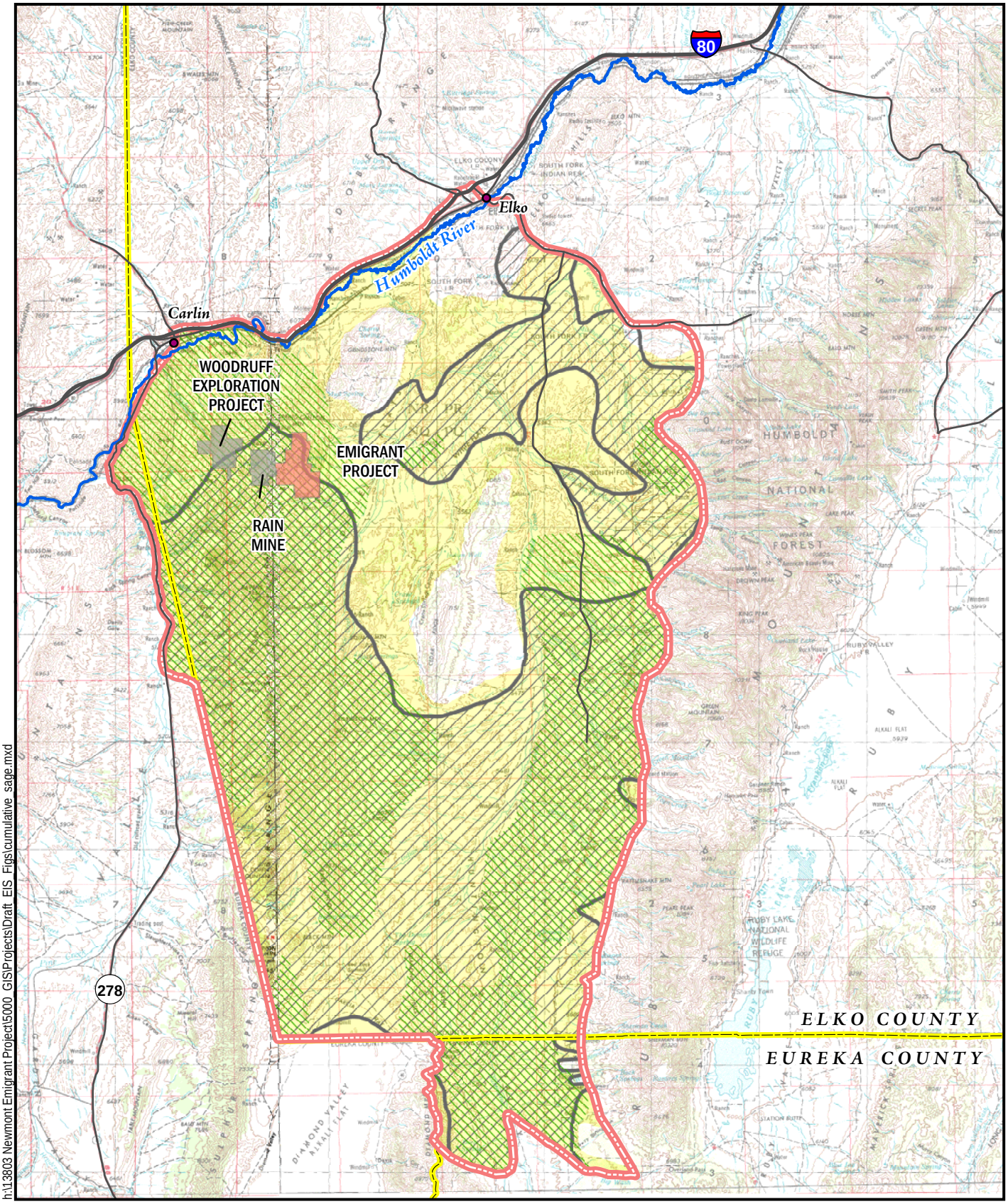
All Year

Crucial Winter

Summer

Low Density

Pronghorn Antelope Habitat
Cumulative Effects Study Area
Emigrant Project
Elko County, Nevada
FIGURE 4-8



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0 Miles 10

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U.S. Department of the Interior
Bureau of Land Management
Elko District Office
Elko, Nevada

Cumulative Effects Study Area

Sage Grouse Habitat

Winter Habitat

Nesting and Early Brood Habitat

Late Summer Habitat

Sage Grouse Habitat
Cumulative Effects Study Area
Emigrant Project
Elko County, Nevada
FIGURE 4-9