



Routing Considerations for Nevada Department of Transportation (NDOT) Permitted Waste Shipments Consigned to the Nevada National Security Site (NNSS)

Radioactive Material Routing Requirements

The NNSS is located about 65 miles northwest of Las Vegas, and is accessed via Mercury exit #136 on U.S. 95 north. U.S. Department of Transportation (USDOT) regulations cited in 49 CFR Part 397, subpart D "Routing of Class 7 (Radioactive) Materials" require motor carriers of NNSS-bound waste (including low-level and mixed low-level radioactive waste, classified non-radioactive waste, and classified non-radioactive hazardous waste) to select routes that minimize radiological risk by considering available information on accident rates, transit time, population density and activities, and the time of day and the day of week during which transportation will occur to determine the level of radiological risk. Shipments containing a Highway Route Controlled Quantity (HRCQ) of Class 7 material must be routed in accordance with the requirements found in §397.101(b).

NNSS Shipment Routing

In addition to the regulatory requirements, the NNSS Waste Acceptance Criteria requires that ALL shipments of waste/material destined for disposal at the NNSS Radioactive Waste Management Site (even those not regulated by the USDOT as hazardous materials) are to avoid the O'Callaghan-Tillman Memorial Bridge and heavily populated/congested areas in the state of Nevada such as the Las Vegas Beltway, I-215, and I-15/US-95 interchange and central Las Vegas.

Over Dimensional/Overweight Permits

It is requested that motor carriers review the information contained in this brochure with the Nevada Department of Transportation, Over Dimensional Vehicle Permits (ODVP) Office prior to the selection of a route for an Over Dimensional/Overweight permit for shipments of waste consigned to the NNSS.

To ensure that ODVP personnel can readily identify appropriate shipments bound for the NNSS, the statement "WASTE/MATERIAL DESTINED FOR DISPOSAL AT THE NNSS RADIOACTIVE WASTE MANAGEMENT SITE" shall be entered in the *Description of Load* field on the permit application.

If a situation arises and ODVP must direct a transporter destined for the NNSS via a route that conflicts with the information provided in this brochure, please contact:

- **Lee Stevens**, Packaging and Transportation SME for Navarro Research and Engineering, Inc., 702-724-0877 (office), 702-469-7615 (cell), or Lee.Stevens@emnv.doe.gov.

For additional information or questions relating to NNSS waste transportation, contact:

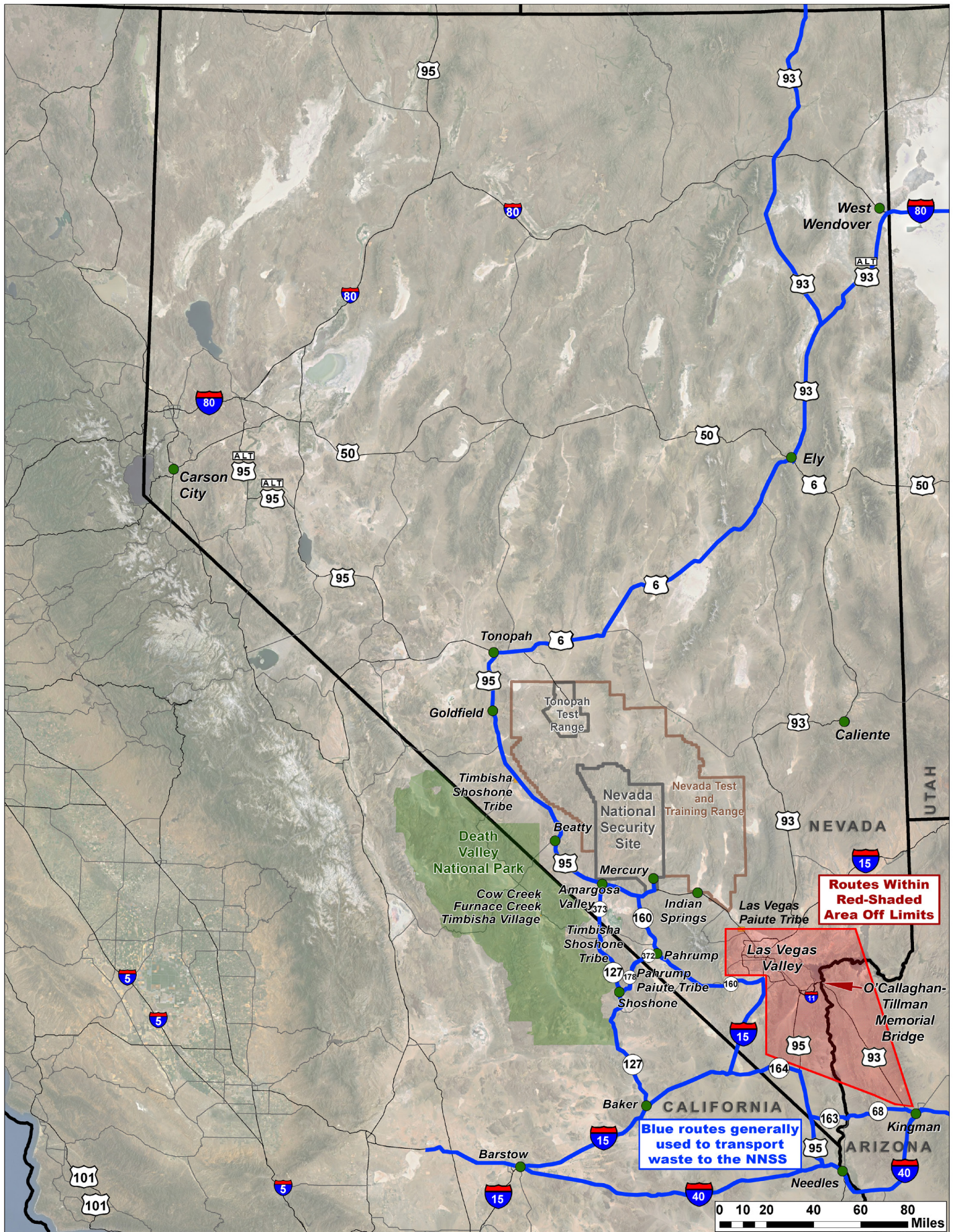


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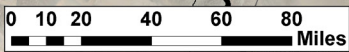
emnv@emcbc.doe.gov

<http://www.nnss.gov/mission/environmental-programs/radioactive-waste-management/>



Routes Within Red-Shaded Area Off Limits

Blue routes generally used to transport waste to the NNSS





Nevada Region	Entry State	Type	Route/Roadway Description	Off Limits	Generally Used	Infrequently/ Not Used
Southern	Arizona, Utah, California	Area	Las Vegas Valley, including US-95, I-15, I-515, I-215, CR-215	✓		
Southern	Arizona	Roadway	US-95 north of Searchlight	✓		
Southern	Arizona	Roadway	O'Callaghan-Tillman Memorial Bridge	✓		
Southern	Arizona	Roadway	US-93 at Hoover Dam	✓		
Southern	Arizona	Route	NV-163 at Laughlin to NV-164 at Searchlight to California state line	✓		
Central	California	Roadway	• NV-338 • NV-359 • NV-264 • NV-266 • NV-374	✓		
Central	Utah	Roadway	NV-319	✓		
Northern	California	Roadway	• NV-28 • NV-88	✓		
Northern	Idaho	Roadway	NV-225	✓		
Northern	Oregon	Roadway	NV-140	✓		
Southern	California	Route	NV-372 to NV-160 to US-95 to Mercury, NV		✓	
Southern	California	Route	NV-373 to US-95 to Mercury, NV		✓	
Southern	California	Route	US-95 to NV-164 at Searchlight to California state line		✓	
Southern	California	Route	I-15 to NV-160/Blue Diamond Road (Exit 33) to US-95 to Mercury, NV		✓	
Northern	Idaho	Route	US-93 at Jackpot to US-6 at Ely to US-95 at Tonopah to Mercury, NV		✓	
Northern	Utah	Route	I-80 at Wendover to US-93ALT at West Wendover to US-93 to US-6 at Ely to US-95 at Tonopah to Mercury, NV		✓	
Northern	California	Roadway	US-395 at Border Town			✓
Southern	Arizona	Roadway	• White Rock Rd south of Mesquite • County Highway 101 • Pakoon Springs Rd • Grand Wash Rd			✓
Southern	California	Roadway	• Bob Ruud Memorial Highway • Old Spanish Trail Highway • Kingston Rd			✓
Southern	Utah	Roadway	I-15 south of Utah state line			✓
Southern	Utah	Roadway	Hillside Dr at Mesquite			✓
Southern	Utah	Roadway	Elbow Canyon Rd at Mesquite			✓
Central	California	Roadway	• US-6 • NV-267			✓
Central	Utah	Roadway	NV-487			✓
Central	Utah	Route	US-6/US-50 to US-6 at Ely to US-95 at Tonopah to Mercury, NV			✓
Northern	California	Roadway	• Barrel Springs Rd • Old State Route 8A • CR-447 (Gerlach-Cedarville Hwy) • US-50 • US-395 at Topaz Lake			✓
Northern	California	Route	1-80 near Verdi to US-95ALT/US-50 at Fernley at US-95ALT at Silver Springs to US-95 near Schurz to Mercury, NV			✓
Northern	Oregon	Roadway	• US-95 at McDermitt • NV-290			✓
Northern	Utah	Roadway	• Dead Cedar Rd • Airport Way at Wendover • Scobie Rd at Wendover • Pilot Mountain Rd • I-80 Business (Wendover Blvd) • CR-762 • Oddie Dr at Wendover • CR-768 • NV-233			✓