



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**



NM Transportation Infrastructure Revenue Subcommittee

Waste Isolation Pilot Plant

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The Waste Isolation Pilot Plant (WIPP) is America's only deep geologic repository for the permanent disposal of defense-generated transuranic (TRU) radioactive waste from research and production of nuclear weapons.



U.S. Department of Energy
Office of Environmental Management
Carlsbad Field Office

- Leads the Transuranic Waste Program
- Science Program
- National TRU Program



Nuclear Waste Partnership LLC

- Manages and operates the WIPP facility
- Manages transportation logistics and packages
- Manages waste retrieval, characterization and certification



Los Alamos National Laboratory

- Scientific advisor for waste characterization
- Mobile loading



Aleut Aerospace Engineering, LLC – TRANSCOM

- Satellite Tracking



Sandia National Laboratories

- Scientific advisor for repository recertification



CBFO Technical Assistance Contractor

- Technical and Quality Assurance support for the Carlsbad Field Office



CAST Specialty Transportation

- Transportation carrier

- Received first shipment from Los Alamos National Laboratory in 1999 and has now operated for more than 20 years
- Enabled clean up of 22 legacy TRU waste sites throughout the U.S.
- Remains a cornerstone of DOE's ongoing cleanup efforts and supports NNSA's ongoing mission





- Shipments: 199
- Shipments from Los Alamos National Laboratory (LANL): 56
- Loaded miles: 224,304
- Mining in panel 8 complete
- 120,791 tons of salt mined
- Installation of Fire Water Tanks, Construction of the Pumphouse and North, East and West Water Mains
- Lightning Array upgraded
- New Air Compressors

- First shipment March 26, 1999
- Safely completed over 12,970 shipments
- Transporting over 262,000 containers
- Over 15.5 million safe loaded miles



Semi-Annual Notification Letter Shipment Projections

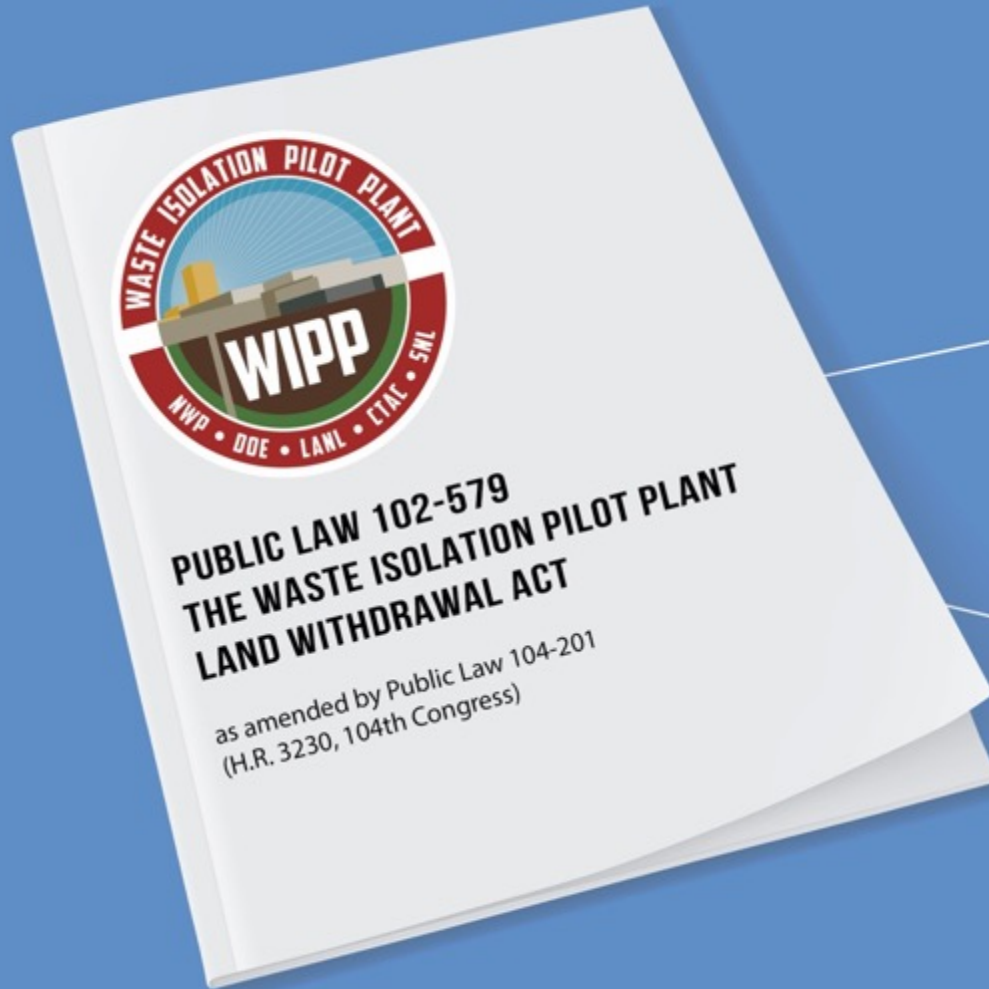


Site	Projected Shipments (up to)
INL	240
LANL	110
ORNL	26
SRS	28
LLNL	3
ANL	3
SNL	3

WIPP and Commercial Truck Traffic

- Largest shipping years for WIPP (up to 27 shipments/week)
 - 2010 – 1,168 shipments
 - 2011 – 1,037 shipments
- US 285 North comparison (2010)
 - WIPP Shipments – 955
 - Commercial Shipments – 180,104
 - .53% of commercial traffic were WIPP shipments
- US 285 South Comparison (2010)
 - WIPP Shipments – 173
 - Commercial Shipments – 134,699
 - .13% of commercial traffic were WIPP shipments
- Currently up to 10 shipments/week
- WIPP shipments account for less than 1% of total truck traffic on NM highways



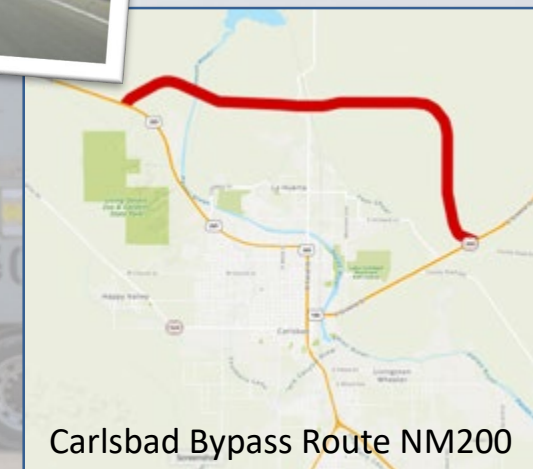
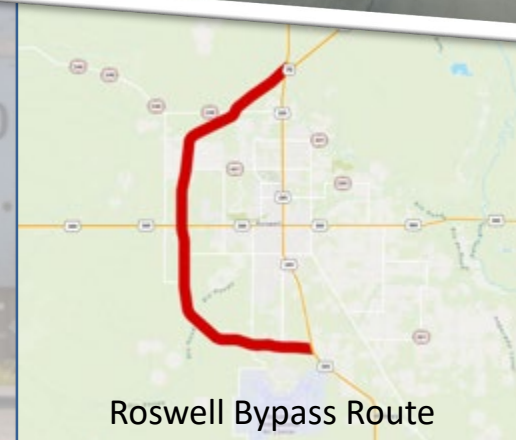


SECTION 15. ECONOMIC ASSISTANCE AND MISCELLANEOUS PAYMENTS

(A) 14-YEAR AUTHORIZATION.— THERE ARE AUTHORIZED TO BE APPROPRIATED TO THE SECRETARY FOR PAYMENTS TO THE STATE \$20,000,000 FOR EACH OF THE 14 FISCAL YEARS BEGINNING WITH FISCAL YEAR 1998. THE AUTHORIZATION OF APPROPRIATIONS FOR FUNDS FOR PAYMENTS TO THE STATE UNDER THE PRECEDING SENTENCE SHALL BE SEPARATE FROM ANY AUTHORIZATION OF APPROPRIATIONS OF FUNDS FOR WIPP.

A ONE TIME PAYMENT OF \$20,000,000 TO THE STATE OF NEW MEXICO WAS AUTHORIZED IN 1997 PRIOR TO APPROVAL OF THE ADDITIONAL 14 PAYMENTS.

- Santa Fe bypass (1999)
 - NM 599
 - 14 miles
 - ~\$34 million
- Roswell bypass (1996)
 - 15 miles
 - ~\$20 million
- Carlsbad bypass (1999)
 - NM 200
 - 8 miles
 - ~\$11 million
- 51 projects scheduled and completed (1995-2012)
 - Totaling over \$482 million

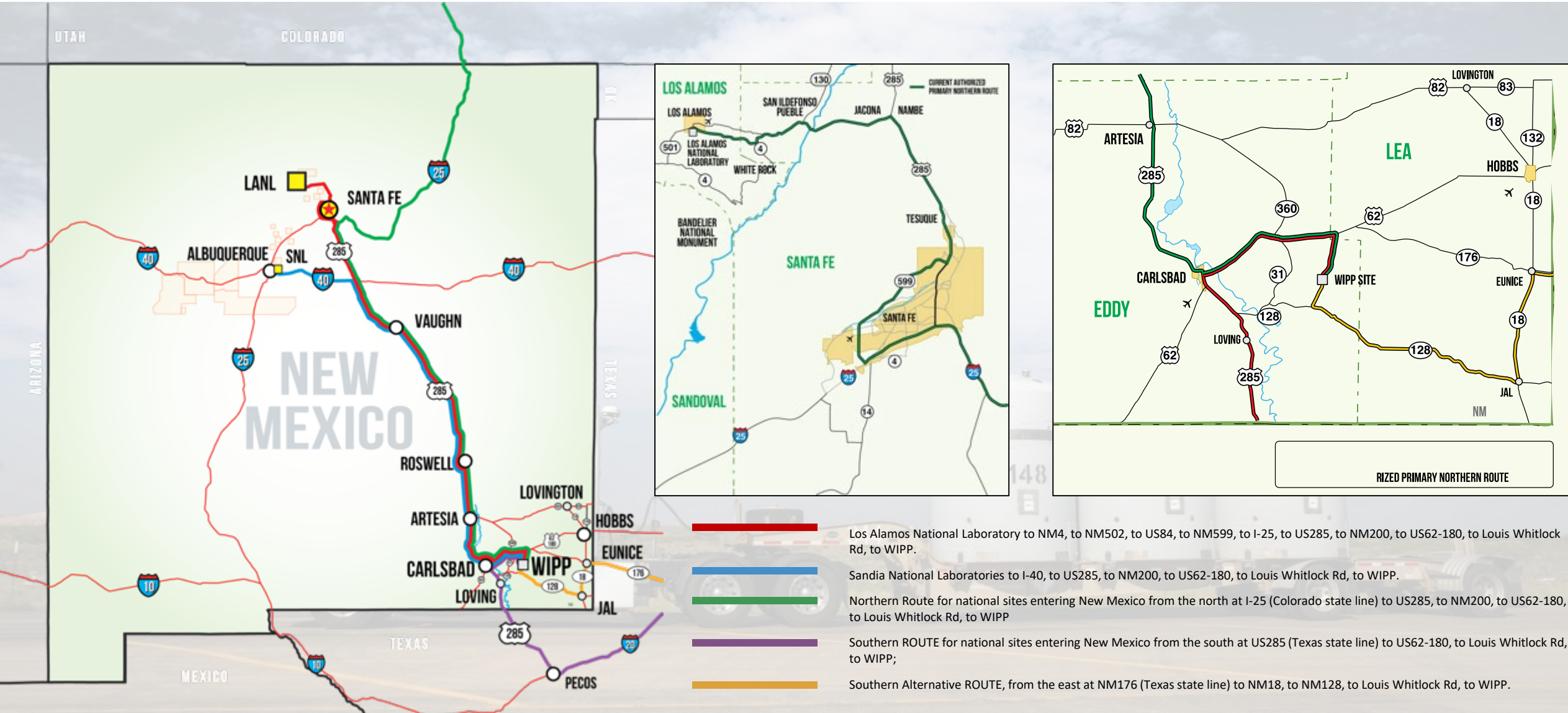


- \$34 million to help the NM Department of Transportation to make necessary repairs to roads in southeastern New Mexico
 - WIPP North Access Road
 - US 62/180
- \$12 million to improve DOE-owned transportation routes at LANL used for TRU waste transportation to WIPP
 - Jemez Road
 - NM 502



- Additional Projects funded as part of the settlement agreement include:
 - NM State Road 176
 - NM State Road 18





Additional Transportation Support

- Collaborate with 19 states, 6 tribes and governing jurisdictions
- Cooperative agreements
- Financial Assistance
 - FY2022 ~\$6.5 million to states and tribes
 - ~\$1.3 million to New Mexico (20%)
- Emergency Response training and equipment
- Commercial Vehicle Safety Alliance Level VI Inspections
- Roadshows





Questions?