

# San Juan County

## Transportation Needs for the Oil and Gas Industry

Transportation Infrastructure Revenue Subcommittee

October 4, 2021

# Current Transportation Stats for San Juan County

- County Road Network-
  - County Maintained Road Mileage- **741 miles**
  - Bridges- **19**
- State/Fed Road Mileage- **444 miles**
- BLM Road Mileage- **600 miles**
- San Juan Basin Wells in New Mexico- **26,000**

# 2045 Farmington MPO Transportation Plan

Agency	Facility Name	Project Type	Termini	Description	Estimated Cost (2020)	Timeframe
Farmington	Downtown Main Street	Multi-modal / Complete Street	Miller Ave to Auburn Ave	Complete Streets installation, including roundabouts, wide sidewalks, and streetscaping	\$9,200,000	Current
Farmington	Piñon Hills Blvd	Widening	30th St to Butler	Widen to 4 lanes	\$9,000,000	2031-2045
Farmington	Piñon Hills Blvd	Widening	Sports Complex to 30th St	Widen to 4 lanes	\$2,000,000	2031-2045
Farmington	New Road east of Foothills Rd	New Road	NM 516 to Northern Route	Construct 2 lane road	N/A	Post-2045
Farmington	20th St Phase III	Multi-modal	Dustin Ave to Sullivan Ave	Construct sidewalks, ADA improvements	\$971,978	Current
Farmington	Foothills Dr Enhancements	Road Upgrade	Mesa del Oso to Rinconada St	Reconstruct roadway, add bike lanes and trail	\$2,100,000	Current
Farmington	Road Improvements	Rehabilitation	City-wide	Rehabilitation and preservation efforts for existing roads	\$5,000,000 / year	Ongoing
Multiple	Northern Route	New Road	East Farmington to US 550	Construct new 2 lane road from Farmington to Aztec	N/A	Post-2045
NMDOT	Browning Pkwy / NM 516	Preservation	US 64 to Southside River Road	Major Preservation (approximately 2 miles)	\$4,000,000	2031-2045
NMDOT	US 64 Widening	Widening	Mile post 54 to 60.2	Widening from 4 to 6 lanes, access management, shoulder bikeways	\$34,700,000	Current
NMDOT	NM 173 Safety Improvements	Safety	Motor Cross Rd to Road 2575	Address vertical curve, drainage, fencing, signing and striping	\$4,270,000	Current
NMDOT	NM 516	Preservation	Farmington limits to US 550	Major Preservation (approximately 8 miles)	\$15,000,000	2031-2045
NMDOT	US 64	Preservation	West of Farmington city limits	Major Preservation (approximately 13 miles)	\$25,000,000	2031-2045
NMDOT	NM 170	Preservation	US 64 to FMPO Boundary	Minor Preservation (approximately 12 miles)	\$12,000,000	2031-2045
NMDOT	US 550	Preservation	Cox Canyon/Animas River to 173	Pavement preservation/minor rehabilitation	\$25,000,000	2024-2030
NMDOT	Oliver St and NM 516	Intersection	Distance on side streets TBD	Intersection improvements	\$1,000,000	2024-2030
NMDOT	NM 173 and US 550	Intersection	Distance on side streets TBD	Intersection improvements	\$1,000,000	2024-2030
NMDOT	Road Improvements	Rehabilitation	Region-wide	Rehabilitation and preservation efforts for existing roads	\$150,000	Ongoing

# 2045 Farmington MPO Transportation Plan

Agency	Facility Name	Project Type	Termini	Description	Estimated Cost (2020)	Timeframe
NMDOT	NM 371/ Navajo Route 36 Intersection	Intersection	Intersection	Preliminary engineering and construction of new signalized intersection	\$1,850,000	Current
Red Apple Transit	Downtown Transit Hub	Transit	Downtown Farmington	Transit center with user amenities	\$3,000,000	2024-2030
Red Apple Transit	Operations and Capital Grants	Transit	Regionwide	5307 FTA funds for operations	\$1,275,000 / year	Ongoing
San Juan County	Piñon Hills Blvd Extension to CR 350	New Road	Corridor to be determined	Construct a facility to connect Piñon Hills Blvd to County road network	\$12,800,000	2024-2030
San Juan County	Wildflower Pkwy	Multi-modal	Approx. Yarrow to CR 3900	Upgrade road - add turn lane, curb/gutter, sidewalk, bike lanes	\$4,000,000	2024-2030
San Juan County	CR 5030	New Road	CR 350 to IJS 550	Construct new 2 lane road	\$25,000,000	2031-2045
San Juan County	CR 3900 - ROW Acquisition	ROW Acquisition	County portion of proposed Piñon Hills Extension	Right-of-way acquisition to support Piñon Hills Blvd extension	\$900,000	Current
San Juan County	Road Improvements	Rehabilitation	County-wide	Rehabilitation and preservation efforts for existing roads	\$1,000,000 / year	Ongoing
San Juan County	Bridge No. 8111 / CR 3500	Bridge Replacement	Bridge #8111	Design and construct a replacement bridge on CR 3500	\$2,800,000	2024-2030
San Juan County	Bridge No. 5722 / CR 6675	Bridge Replacement	Bridge #5722	Design and construct a replacement bridge on CR 6675	\$800,000	2024-2030
San Juan County	Bridge No. 3121 / CR 3000	Bridge Replacement	Bridge #3121	Design and construct a replacement bridge on CR 3000	\$1,000,000	2024-2030
San Juan County	Bridge No. 3382 / CR 2900	Bridge Replacement	Bridge #3382	Design and construct a replacement bridge on CR 2900	\$1,000,000	2024-2030
San Juan County	Bridge No. 8130 / CR 5500	Bridge Improvement	Near CR 5507 over San Juan River	Bridge replacement plus pedestrian facilities	\$6,972,200	Current
Various	Highline Road	New Road	CR 3950 to US 550	Construct new 2 lane road	\$19,000,000	2031-2045

Note: Estimates for certain NMDOT roadway projects are based on per mile costs for minor and major rehabilitation.

# Freight Rail Line to San Juan County

- Largest Metropolitan Statistical Area without a freight line in the country
- San Juan County and the Navajo Nation entered into an Historic MOU in Feb 2020
  - \$2 million BUILD grant
  - Planning and design of 100 mile freight rail expansion from I-40 corridor to San Juan County
  - Estimated construction cost- \$250-350 million
- Benefit oil and gas industry
  - Reduce traffic congestion, improve safety
  - Reduce lifecycle road costs
  - Lower transportation costs
  - Lower carbon footprint

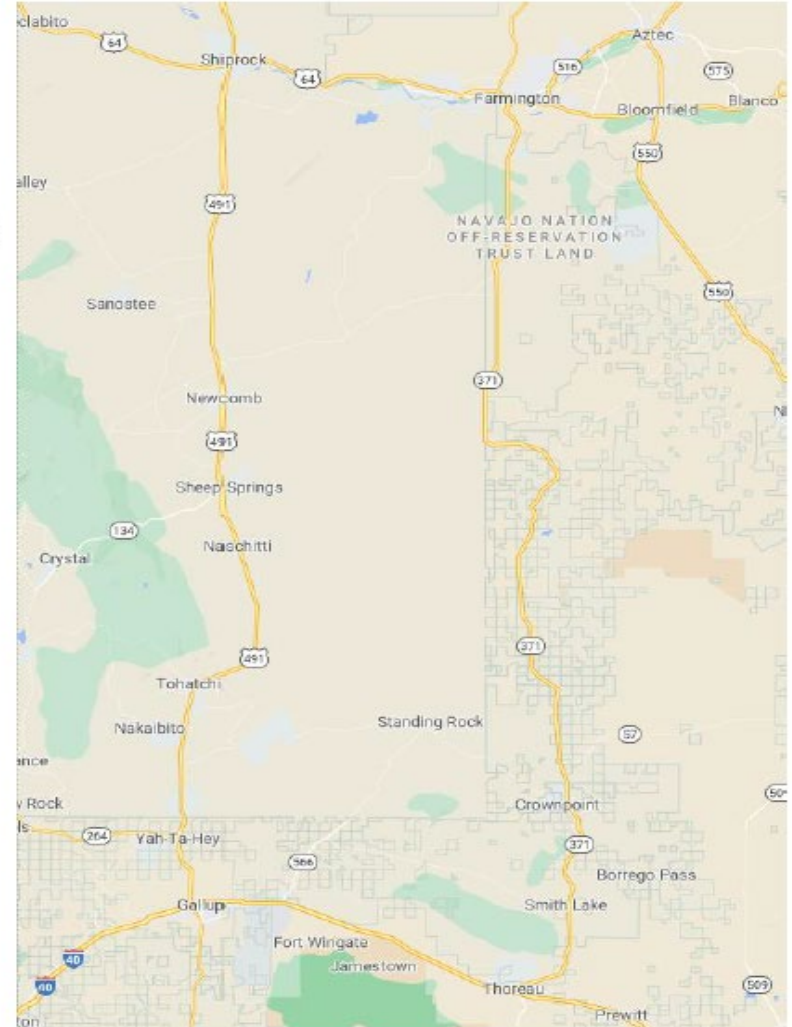
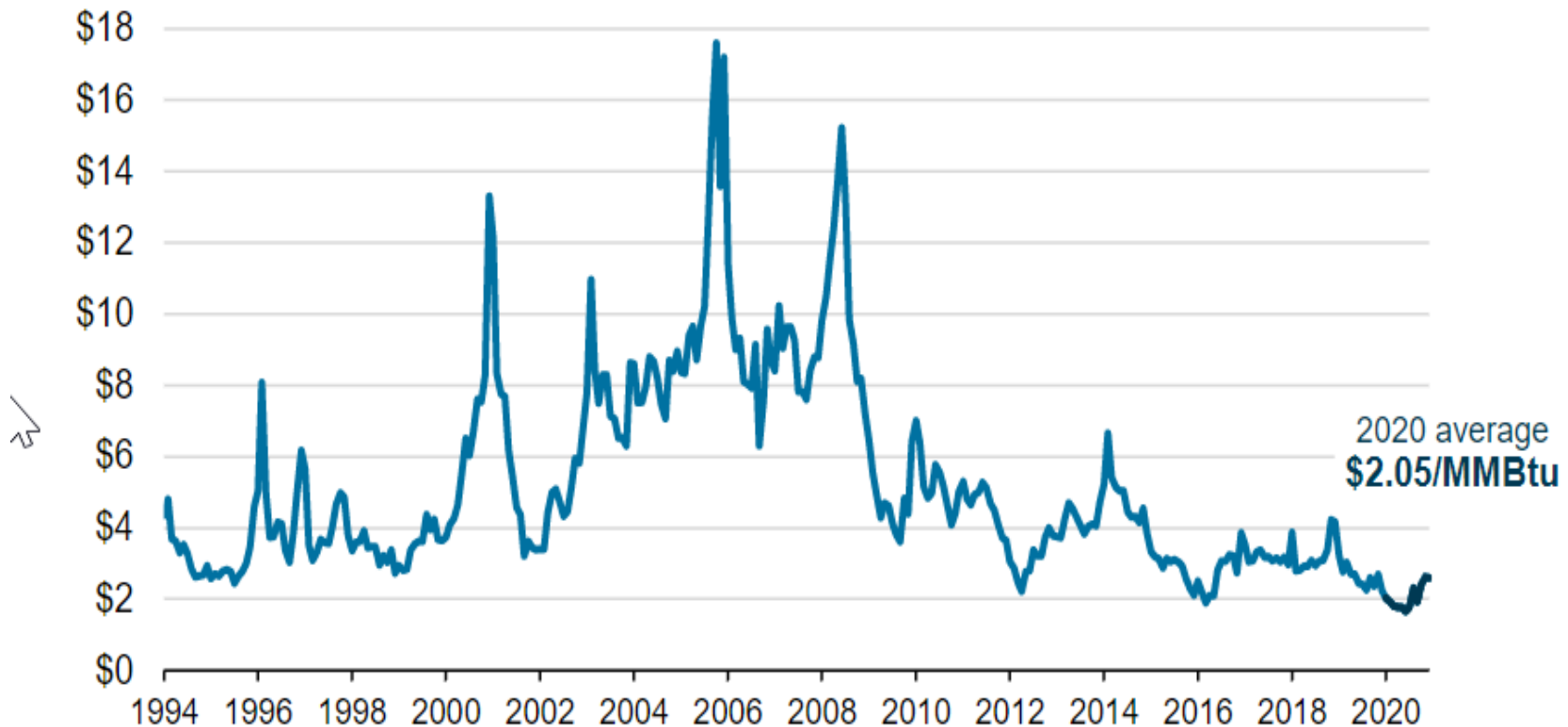


Figure 2 General Study Area

# In 2020, U.S. natural gas prices were the lowest in decades

## Monthly Henry Hub natural gas spot price (Jan 1994–Dec 2020)

real dollars (Dec 2020\$) per million British thermal units (MMBtu)



**Source:** U.S. Energy Information Administration, based on nominal prices from [Refinitiv](#) (1997–2020) and Natural Gas Intelligence (1994–1996) and adjusted for inflation using monthly consumer price index values from the [Short-Term Energy Outlook Real Prices Viewer](#)

## Helpful solutions

- Move local NMDOT projects up on funding / completion timeline
- Additional funding for Local Government Transportation Fund
- Assist San Juan County and Navajo Nation with leveraging all available funding- Federal, State, Local, and Tribal to make freight rail a reality.

