

# Infrastructure Plan & General Fund Appropriations

September 2022



NMDOT

# Essential Air

Pedro Rael, Aviation Division Director



# **RASE PROGRAM**

## **Rural Air Service Enhancement**

- 2021 Act to Enhance Passenger Air Service in Rural NM
- NM Qualifying County or Municipal Airports:
  - Population: 20,000
  - Distance: Within 50 Miles of Airport
- Funding: \$9,000,000.00 to be used:
  - Two-year minimum grant program
  - 10% of July 1 Balance for Related Infrastructure
  - 9-Passenger Maximum Capacity Turbo Aircraft

# 2021 RASE Program

- Matching Funds Percentage:
  - 10% if **do not** have Existing Scheduled Air Service
  - 50% if **do** have Existing Scheduled Air Service
- Maximum funds available per year:
  - \$1,750,000.00 where there **is no** Existing Air Service
  - \$1,250,000.00 where there **is** have Existing Air Service

## **MINIMUM REVENUE GUARANTEE:**

- CONTRACT AMOUNT DUE, LESS
- ACRUAL FLIGHT REVENUE



# 2022 RASE Program

- 2022 Amendments to the 2021 program:
  - Additional \$5,000,000.00 funded
  - Increased size of Aircraft to 30 Passenger jets
  - Allows 2022 and 2021 programs to merge
  - Matching funds are changed as follows:
    - 10% with no Existing Air Service
    - 20% with current Existing Air Service
- Maximums per year:
  - \$2,750,000 if have no Air Service
  - \$2,250,000 if have Air Service

# New Mexico Airport System

50 –PAVED AIRPORTS IN NM

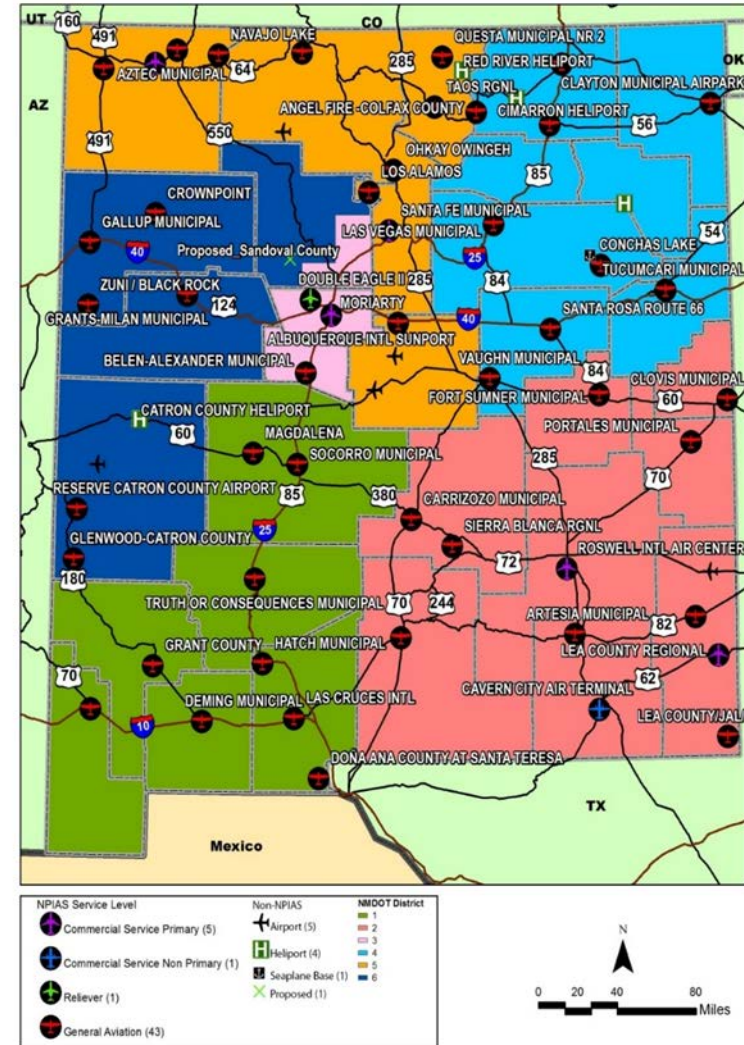
20 QUALIFY FOR RASE PROGRAM

6 HAVE FULL AIR SERVICES

1 HAS PART-TIME AIR SERVICES

TWO GRANTS AWARDED, 2021 FY  
Gallup  
Las Cruces

NONE THUS FAR IN 2022



## WHAT DOES “ESSENTIAL AIR SERVICE” MEAN?

1. IT IS NOT A STATE PROGRAM.
2. IT IS STRICTLY FEDERAL.
3. SUPPLEMENTS VARIOUS AIRPORTS AROUND U.S.
4. RUN INDEPENDENTLY OF NM AVIATION DIVISION.
6. FEDERAL GOV'T AND SPONSORS DETERMINE ROUTES.
7. NM HAS THREE SUCH AIRPORTS (CLOVIS, CARLSBAD, SILVER CITY) WITH ESSENTIAL AIR SERVICE.

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# Electric Vehicle Charging Stations

Jerry Valdez, Executive Director





# Electric Vehicle Funding

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- 2021 Regular Session
  - \$250K budget request approved.
  - \$1.2M appropriation (transfer).
- 2021 Special Session
  - \$10M ARPA programmed by governor/legislature.
- 2022 Session
  - \$387K appropriation (transfer).
- BIL
  - \$38.387M National Electric Vehicle Infrastructure (NEVI) Formula program.
- Fall of 2022 Notice of Funding Opportunities (NOFO) Discretionary Grant Program for Charging and Fueling Infrastructure (Community Grants).

# Strategy

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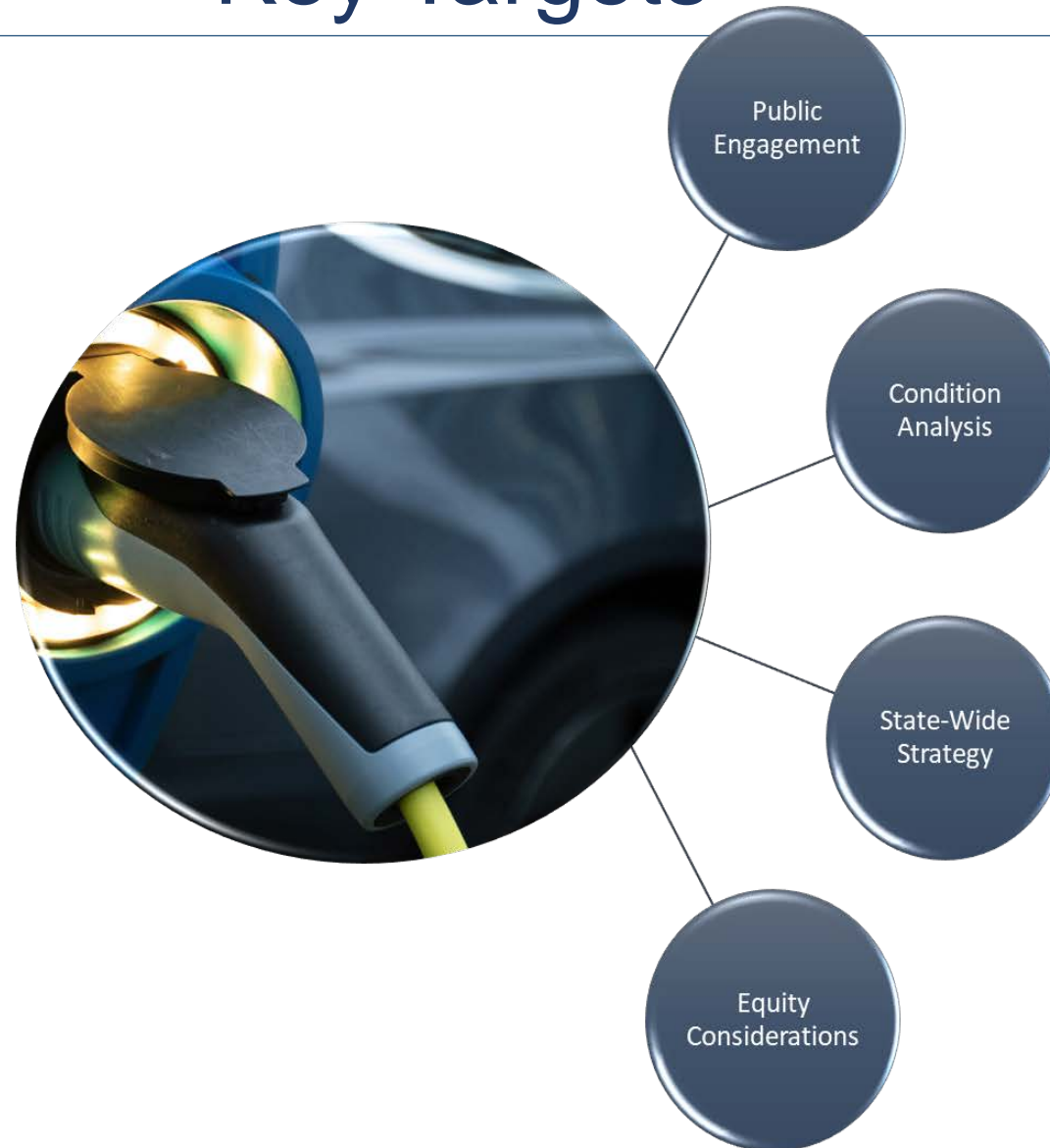
NMDOT  
Facilities

Alternative  
Fuel  
Corridors

All  
Regions  
Public &  
Private

# Key Targets

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# Wildlife Corridors

Matthew Haverland, Wildlife Coordinator





# Top 11 Priority Projects List

Top 5 WVC1 Hotspots – focus on collisions

- 1) US 550 North of Cuba (17 miles, ~\$45.2 million)
- 2) US 180 & NM 90 Silver City (27 miles, ~\$39.4 million)
- 3) US 70 & NM 90 Ruidoso (34 miles, ~\$30.7 million)
- 4) I-25 Glorieta Pass (3 miles, ~\$21 million)
- 5) US 70 Bent (5 miles, ~\$28 million)

Wildlife Corridors – focus on connectivity

- 1) US 64/84 Chama (38 miles, ~\$50.6 million)
- 2) US 285 Rio Grande del Norte (25 miles, ~\$28.6 million)
- 3) Pronghorn Triangle (Maxwell to Raton) (69 miles, ~\$31.5 million)
- 4) I-10 Peloncillo Mtns. at Steins (5 miles, ~\$46.2 million)
- 5) I-25 & US 550 Sandia-Jemez Mtns. (36 miles, ~\$49.3 million)
- 6) NM 38 Questa to Red River (9 miles, ~\$17.6 million)

<b><i>Number of Recorded WVC and Associated Costs for Top 11 Priority Project Areas (2009-2018)</i></b>			
<b>Crash Type</b>	<b>Cost/Occurrence (FHWA)</b>	<b>Occurrences</b>	<b>Estimated Cost (FHWA)</b>
Property Damage Only	\$11,900	1,883	\$22,407,700
Possible Injury (Type C)	\$125,600	82	\$10,299,200
Minor Injury (Type B)	\$198,500	50	\$9,925,000
Serious Injury (Type A)	\$655,000	8	\$5,240,000
Fatality	\$11,295,400	2	\$22,590,800
<b>TOTAL</b>	<b>-</b>	<b>2,025</b>	<b>\$70,462,700</b>

<sup>1</sup> Wildlife-Vehicle Collision

## **Wildlife Corridors Act/Action Plan Next Steps...**

- **Allocated \$2 million for FY 2023 towards wildlife corridor projects**
  - New Mexico Wildlife Safe Passages Coalition.
    - Modeled after Colorado Wildlife and Transportation Alliance
    - Consists of NMDOT, NMDGF, and approximately 9 NGOs, Tribes, and federal land management agencies.
  - America the Beautiful Grant (NFWF) – submitted July 2022 for \$300k
    - Pledged \$15k to match NMDGF \$15k for 10% required match.
    - Hire consultant to manage and oversee Coalition for 18 months.
      - ID grant sources, raise funds, lead meetings, keep momentum, etc.
- US 550 North Cuba WVC Hotspot - #1 (estimated ~\$45.2 million, 2020)
  - Design ~12% of estimated project cost.
    - Need to focus on effective project for <\$17 million (phased).
  - Coordination with USFS, BLM, and Jicarilla Apache Nation to identify portion of identified hotspot north of Cuba (Phase I).
  - Currently working on RFP to put out next spring for design.

# Wildlife Corridors Act/Action Plan

## Next Steps Continued...

- **Potential Uses for Future Funding (FY 2024 and Beyond)**
  - State match for federal grants.
    - Likely 10% required, though varies by grant.
    - Having Action Plan and project design = COMPETATIVE!
    - B/w \$2-5 million needed for match of \$20-50 million project.
- **New Mexico Wildlife Safe Passages Coalition**
  - Based on Colorado Alliance: ~\$1 million for 5 years (consultant-led).
  - Hope to have first 18 months funded through ATB grant (know by late Sept?).
- **Wildlife mitigation “Maintenance Fund”**
  - Long-term maintenance often topic of concern for new infrastructure.
    - Most effective if reoccurring.
  - Expenditures could include installation of game guards, fence repair/replacement/modification, escape ramp repair, bridge inspections and maintenance (future structures), animal detection system (ADS) maintenance/replacement.
    - Could even use to match grants for smaller fencing projects.

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# Interstate 10 & 40 Plan

Ricky Serna, Cabinet Secretary





## **LAWS OF 2022: HB2 Section 9**

- Planning Projects Along I10 & I40.
- Applications Due: 11.18.2022
- \$25 Million Available Funding

# Interstate 10 and 40 Appropriation

DOT has issued a call for proposals to local and tribal governments. Focus includes:

- Projects consistent with local or regional plans
- Projects aimed at facilitating economic development
- Applicants that can begin spending awards within 6 months
- Applicants that can demonstrate capacity to leverage other resources

DOT is working on a Global Trade Partnership with EDD to explore eligible projects with statewide economic impact.

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# Local Government Road Fund & Transportation Project Fund

George Dodge, Local Government Liaison &  
Mallery Manzanares, Administrative Services  
Director



# Local Government Road Fund (LGRF) vs. Transportation Project Fund (TPF)

Local Government Road Fund (LGRF)	Transportation Project Fund (TPF)
Recurring Budget: \$22-27 million Nonrecurring Funds: None	Recurring Budget: \$40-45 million Nonrecurring Funds: \$20-121 million*
75% NMDOT & 25% Local Match	95% NMDOT & 5% Local Match
Disbursement Program	Disbursement Program
Restricted to funding programs.	Less Restrictive on project selection.
Hardship Waiver	Hardship Waiver
Equipment Waiver	Equipment Waiver Does Not Apply
Call For Projects- Proposals Due March 15th	Call for Projects- Proposals Due May 31st
Projects Must Be Approved by DOT Commission.	Projects Must Be Approved by DOT Commission.

*\*The department has been appropriated General Fund for 3 fiscal years.*

# Local Government Road Fund vs. Transportation Project Fund

LGRF- FORMULA	LGRF	TPF
Cooperative Program (42%) <ul style="list-style-type: none"> <li>• 33% County Roads</li> <li>• 49% Municipal Roads</li> <li>• 14% School Districts</li> <li>• 4% Other</li> </ul>	YES (approx. \$8.5 million annual)	NO
County Arterial Program (26%) <ul style="list-style-type: none"> <li>• Based on road miles maintained.</li> </ul>	YES (approx. \$5.2 million annual)	YES
School Bus Route (16%) <ul style="list-style-type: none"> <li>• Divided Amongst 6 Districts</li> </ul>	YES (approx. \$3.2 million annual)	NO
Municipal Arterial Program (16%) <ul style="list-style-type: none"> <li>• Divided Amongst 6 Districts</li> </ul>	YES (approx. \$5.4 million annual)	YES



# Local Government Road Fund vs. Transportation Project Fund

Amounts in millions

LOCAL GOVERNMENT ROAD FUND			
	Recurring Revenue	Expense	Remaining
2019	25,611.0	18,447.7	7,163.30
2020	25,514.0	21,737.5	3,776.50
2021	24,984.0	23,387.5	1,596.50
*2022	27,545.0	15,282.8	12,262.20
*2023	27,560.0	534.0	27,026.00
<i>*Grant Agreements projects are in process</i>			

TRANSPORTATION PROJECT FUND					
	Recurring Revenue	Non-Recurring Revenue	Total Revenue	Expense	Remaining
*2019		50,000.0	50,000.0	47,437.4	2,562.60
2020			-	-	-
*2021		121,000.0	121,000.0	48,490.8	72,509.20
*2022	45,860.0	60,000.0	105,860.0	-	105,860.00
*2023	46,820.0		46,820.0	-	46,820.00
<i>*Grant Agreements projects are in process</i>					

Agency priorities: Ongoing use of fund balance and review of fund requirements.

# What's To Come With LGRF & TPF-

## LGRF FY20 SPECIAL APPROPRIATIONS



ENTITY	TERMINI	STATE AMOUNT 95%	ENTITY AMOUNT 5%	TOTAL AMOUNT	DESIGN %	CONST. %
City of Las Vegas	National Avenue and Bridge Street Mill & Overlay, Signage, ADA Compliant Sidewalks	\$1,536,683.00	\$80,878.10	\$1,617,561.20	100%	100%
City of Santa Rosa	Riverside Drive Project Reconstrucion of Roadway and drainage Improvements	\$788,887.60	\$41,520.40	\$830,408.00	100%	100%
City of Tucumcari	2nd Street Total Reconstruction of 2nd Street	\$475,000.00	\$25,000.00	\$500,000.00	100%	100%
Colfax County	Gardner Bridge New Bridge	\$503,500.00	\$26,500.00	\$530,000.00	100%	100%
Quay County	Historic Route 66 Bridge #1625 New Bridge	\$3,081,465.00	\$162,182.37	\$3,243,647.37	100%	40%
San Miguel County	Gonzales Ranch Road Improvement Project Chip Seal	\$565,625.00	\$29,769.74	\$595,394.74	100%	100%
Village of Angel Fire	Phase III of Camino Grande Improvements Total Reconstruction of Camino Grande	\$893,000.00	\$47,000.00	\$940,000.00	100%	95%
Village of Eagle Nest	Fisherman's Lane Improvements Total Reconstruction of Fisherman Lane	\$1,140,000.00	\$60,000.00	\$1,200,000.00	100%	95%
Village of San Jon	Safety Improvement Project Lighting	\$118,750.00	\$6,250.00	\$125,000.00	100%	100%
9 Entities	TOTALS	\$9,102,910.70	\$479,100.61	\$9,582,011.31		

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# State- Owned Equipment

John Romero, Highway Operation Director



# FY22 Fleet Management & Replacement Criteria

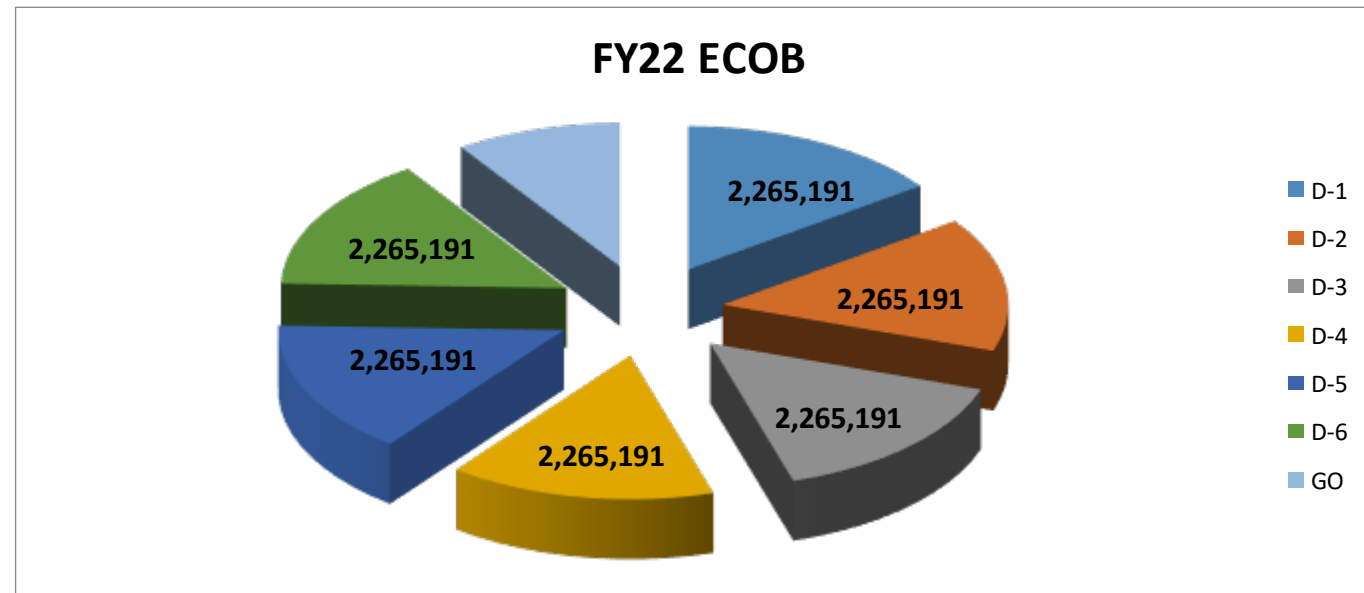
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- Light Duty (Pickups/Sedans)-125,000 miles or 7 years.
  - Average replacement is currently 9 years.
- Heavy Duty (Dump Truck/Backhoes/Plows)-2,400–5,000 hours or 10–12 years.
  - Average replacement is currently 15 years.
- Average age of equipment is 12 years.
- 6,900 Units Statewide.



# FY23 Equipment Capital Outlay Budget

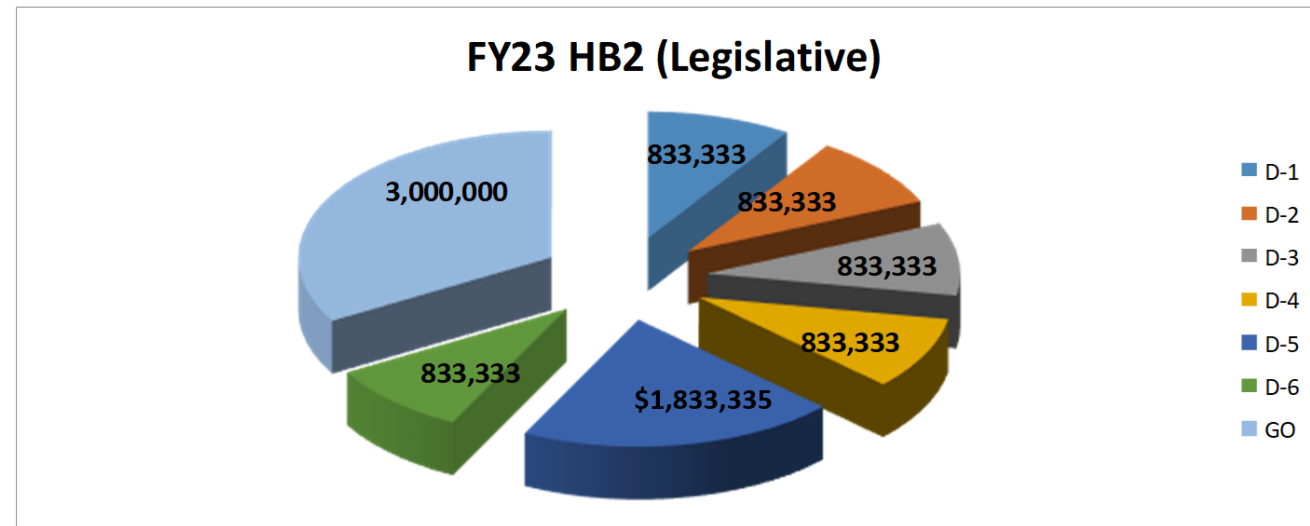
Area	Amount
District 1	\$2,265,191
District 2	\$2,265,191
District 3	\$2,265,191
District 4	\$2,265,191
District 5	\$2,265,191
District 6	\$2,265,191
<u>GO/Academy</u>	<u>\$1,408,854</u>
<b>Total</b>	<b>\$15,000,000</b>



# FY23 House Bill 2 Section 9

## Laws of 2022

Area	Amount
District 1	\$833,333
District 2	\$833,333
District 3	\$833,333
District 4	\$833,333
District 5	\$1,833,335
District 6	\$833,333
<u>GO/Academy</u>	<u>\$3,000,000</u>
<b>Total</b>	<b>\$9,000,000</b>

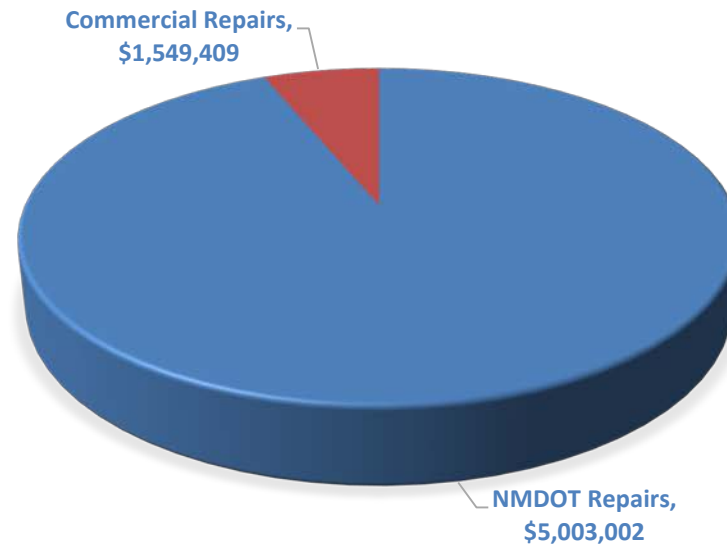


# FY22 Equipment Maintenance & Repair

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- Total Expended – \$6,552,411
- NMDOT Repairs – \$5,003,002 (76%)
  - (Includes internal labor & parts)
- Commercial Repairs – \$1,549,409 (24%)
  - (Includes external labor & parts)

FY22 EQUIPMENT MAINTENANCE & REPAIRS



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# Rest Area Improvements

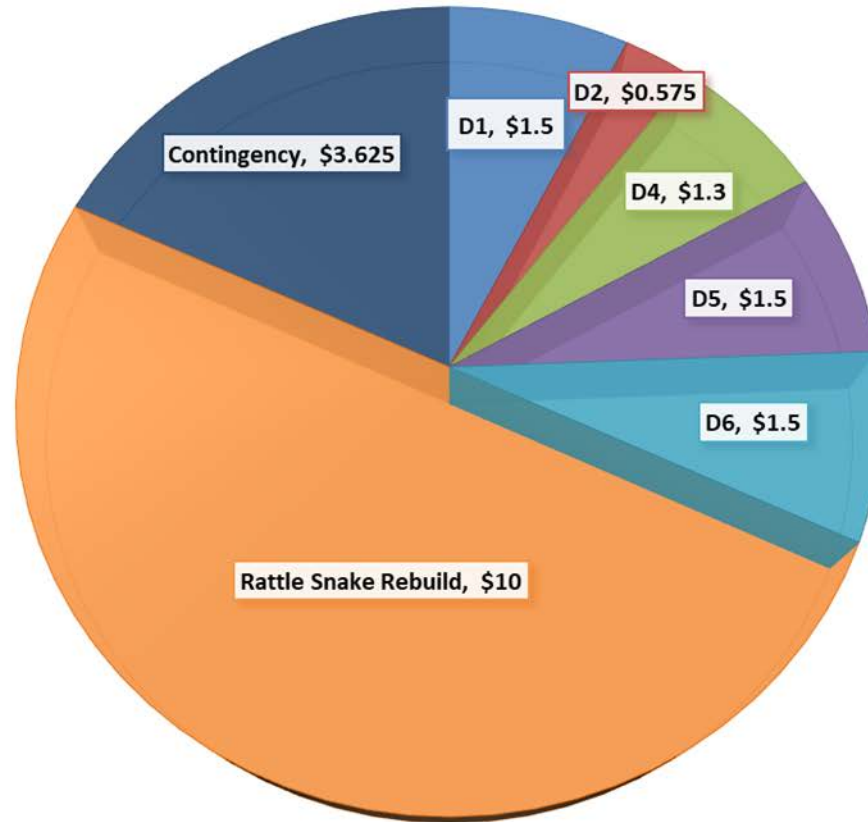
John Romero, Highway Operation Director





# STATEWIDE REST AREA IMPROVEMENTS

BUDGET IN MILLIONS



District 1	\$	1,500,000
District 2	\$	575,000
District 4	\$	1,300,000
District 5	\$	1,500,000
District 6	\$	1,500,000
Rattle Snake Rebuild	\$	10,000,000
Contingency	\$	3,625,000
TOTAL	\$	20,000,000

# Major Projects & Cost Overruns

David Quintana, Chief Engineer



# Project Funding Gaps

District	Project Title	Estimate	ARPA Funding	HB2 General Fund	Federal	Bonds & Earmark	Other	Funds Needed
1	St. Francis Extension	\$ 40,000,000.00	\$40,000,000.00					\$ -
1	US 180 Expansion	\$ 123,600,000.00						\$ 123,600,000.00
1	Nogal Canyon Bridge	\$ 100,000,000.00			\$ 23,000,000.00			\$ 77,000,000.00
1	NM 213 Widening	\$ 36,000,000.00						\$ 36,000,000.00
1	NM 213/NM 404 Interchange	\$ 45,000,000.00						\$ 45,000,000.00
1	NM 136 Corridor Interchange study	\$ 3,500,000.00						\$ 3,500,000.00
	<b>Tota District One</b>	<b>\$348,100,000.00</b>						<b>\$285,100,000.00</b>
2	Downtown Clovis Phase II	\$42,000,000						\$42,000,000
2	US 380 to Texas State Line	\$200,000,000		\$5,000,000				\$195,000,000
2	US 380 to Texas State Line	\$40,000,000			\$30,000,000			\$10,000,000
2	PE for design/build	\$12,000,000				\$1,500,000	\$10,438,562	\$61,438
2	NM 31 MP 0.5-8/NM 128 MP 0.0-0.5	\$93,000,000						\$93,000,000
2	NM 128 MP 0.5-11.8	\$75,000,000						\$75,000,000
2	NM 128 MP 50.7-53.9	\$31,000,000		\$23,000,000				\$8,000,000
2	NM 128 MP 11.8-50.7	\$180,000,000						\$180,000,000
2	NM 128 MP 53.9-59.9	\$17,000,000						\$17,000,000
2	NM 31 MP 8 -31	\$62,900,000						\$62,900,000
	<b>Total District Two</b>	<b>\$752,900,000</b>						<b>\$682,961,438</b>
3	Montgomery / Comanche	\$180,000,000				\$42,682,892		\$ 137,317,108.00
3	Mesa Del Sol / Bobby Foster	\$100,000,000		\$10,000,000			\$10,000,000	\$ 80,000,000.00
3	Paseo Del Volcan	\$170,000,000		\$5,900,000				\$ 164,100,000.00
3	I-25/Gibson Interchange	\$100,000,000			\$50,742,446			\$ 49,257,554.00
3	Rio Bravo Bridge Replace	\$86,000,000			\$44,047,536			\$ 41,952,464.00
3	T/LPA project - LL Corridor Project	\$93,317,389				\$53,117,389	\$40,200,000	\$ -
3	NM 14/NM 536 Frost Road Roundabout	\$8,000,000			\$2,731,877			\$ 5,268,123.00
3	I-40 Pavement Pres (Bernalillo to SF Co. Line)	\$11,100,000			\$6,200,000			\$ 4,900,000.00
	<b>Total District Three</b>	<b>\$748,417,389</b>						<b>\$482,795,249.00</b>

# Project Funding Gaps

District	Project Title	Estimate	ARPA Funding	HB2 General Fund	Federal	Bonds & Earmark	Other	Funds Needed
4	NM 39 Improvements MP 30-42	\$27,500,000						\$27,500,000
4	I-25/US 64 Interchange in Raton	\$40,000,000			\$50,000	\$24,201,132		\$15,748,868
<b>Total District Four</b>		<b>\$67,500,000</b>						<b>\$43,248,868</b>
5	St. Michaels/St. Francis Interchange	\$40,000,000			\$15,540,210			\$24,459,790
5	Cerrillos Road Improvements	\$38,000,000		\$14,000,000			\$16,500,000	\$7,500,000
5	US 64 Corridor MP 7.3 - 8.1 & MP 0 - 7.3	\$56,205,000			\$25,057,400		\$25,000,000	\$6,147,600
5	Remainder of US 64 Corridor	\$67,800,000			\$28,000,000			\$39,800,000
5	NM 30 Roadway Recon MP 0-5.1	\$29,808,248			\$10,955,896			\$18,852,352
5	US 491 Truss Bridge 1792, 7148	\$29,178,417			\$20,000,000			\$9,178,417
<b>Total District Five</b>		<b>\$260,991,665</b>						<b>\$105,938,159</b>
6	NM 264 MP 10 -14 Roadway Recon	\$32,000,000			\$8,500,000		\$17,744,620	\$5,755,380
6	Allison Road new bridge	\$51,000,000				\$1,500,000	\$9,000,000	\$40,500,000
6	I-40 MP 39.75 - 44.75 Expansion	\$47,000,000	\$16,400,000			\$18,962,572		\$11,637,428
6	I-40 MP 17.97 -21.99 Recon	\$80,000,000			\$13,751,914			\$66,248,086
6	Suwanee Bridge	\$27,000,000						\$27,000,000
<b>Total District Six</b>		<b>\$237,000,000</b>						<b>\$151,140,894</b>
<b>GRAND TOTAL PROJECT GAP AGENCY</b>								<b>\$1,751,184,608.00</b>



# Construction Cost Escalations

	Number of Projects	Engineer's Estimate	Awarded Bid Price	Increased Cost	
<b>July 2020 - September 2020 Totals</b> <i>% Difference</i>	17	\$133,535,212.23	\$147,333,018.03	\$13,797,805.80	Project rejected due to high bids and lack of funding.
			10%		
<b>October 2020 - December 2020 Totals</b> <i>% Difference</i>	19	\$164,757,569.43	\$178,990,551.66	\$14,232,982.23	Project rejected due to no bids received.
			9%		
<b>January 2021 - March 2021 Totals</b> <i>% Difference</i>	7	\$67,965,539.71	\$83,332,113.14	\$15,366,573.43	
			23%		
<b>April 2021 - June 2021 Totals</b> <i>% Difference</i>	7	\$76,811,640.95	\$88,409,090.14	\$11,597,449.19	Project rejected due to no bids received.
			15%		
<b>July 2021 - September 2021 Totals</b> <i>% Difference</i>	12	\$84,499,450.03	\$100,073,166.96	\$15,573,716.93	
			18%		
<b>October 2021 - December 2021 Totals</b> <i>% Difference</i>	13	\$82,073,501.80	\$104,671,578.53	\$22,598,076.73	
			28%		
<b>January 2022 - March 2022 Totals</b> <i>% Difference</i>	9	\$131,083,508.20	\$161,605,633.33	\$30,522,125.13	Project rejected due to no bids received.
			23%		
<b>April 2022 - June 2022 Totals</b> <i>% Difference</i>	8	\$51,280,446.39	\$69,784,683.65	\$18,504,237.26	Project rejected due to no bids received.
			36%		
<b>July 2022 – September 2022 Totals</b> <i>% Difference</i>	9	\$125,773,040.76	\$138,721,999.26	\$12,948,958.50	Project rejected due to no bids received.
			10%		
<b>2020-2022 COST ESCALATION</b>	<b>101</b>	<b>\$ 917,779,909.50</b>	<b>\$1,072,921,834.70</b>	<b>\$155,141,925.20</b>	