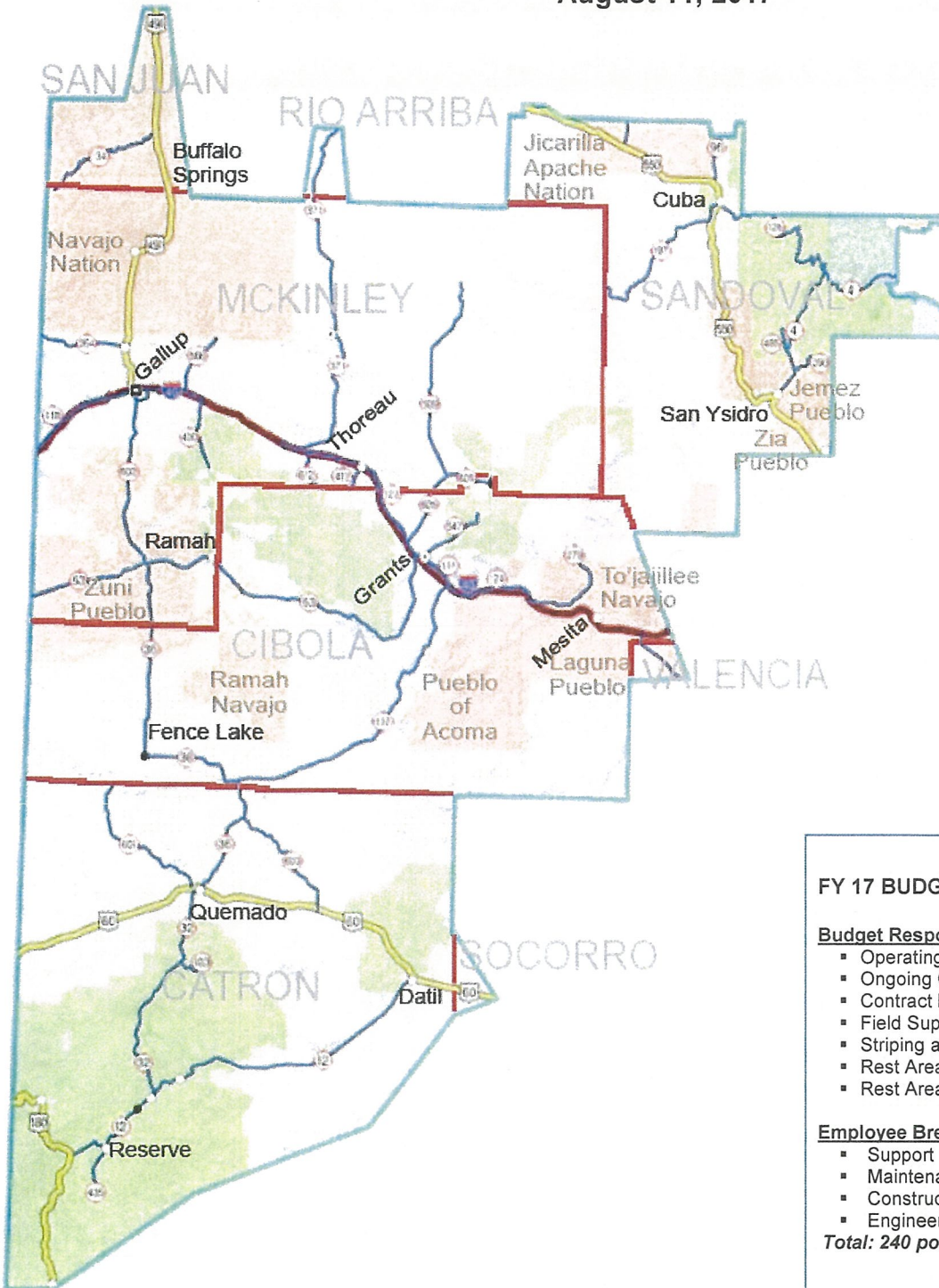




NMDOT DISTRICT SIX

District Six is located in western New Mexico and encompasses Cibola and McKinley Counties, a majority of Catron and Sandoval Counties, and portions of San Juan, Rio Arriba, Valencia and Socorro Counties. The District also works closely with local and tribal governments.

NMDOT District 6 Presentation to: New Mexico Finance Authority Oversight Committee
August 11, 2017



FY 17 BUDGET

Budget Responsibility

- Operating Budget: \$16,420,700
- Ongoing Construction Contracts: \$164,282,083.11
- Contract Maintenance: \$6,168,900
- Field Supplies: \$5,857,000
- Striping and Signing: \$1,119,900
- Rest Area Improvements: \$107,900
- Rest Area Maintenance: \$242,000

Employee Breakdown

- Support Staff: 39 positions
- Maintenance: 140 positions
- Construction: 47 positions
- Engineering Support: 18 positions

Total: 240 positions

NMDOT D-6 ROADWAYS

Route	From	To	Lane Miles
NM 4	San Ysidro	Los Alamos County Line	93
NM 6	I-40, Exit 126	SE of the Cibola/Valencia County Line	36
NM 12	Jct. US 180/NM 12	Datil	148
NM 32	Apache Creek	Quemado	82
NM 36	Quemado	Jct. NM 53/NM 36	144
NM 53	Arizona State Line	Grants	172
NM 96	US 550 at Cuba	Regina	18
NM 103	Jct. NM 32/NM 103	Quemado Lake	8
NM 117	Jct. NM 117/NM 36	Grants	132
NM 118	Arizona State Line	Iyanbito	102
NM 122	Continental Divide	Grants (Exit 85)	106
NM 124	Jct. NM 117/NM 124 (Skyway)	Laguna	52
NM 126	Cuba	La Cueva	77
NM 134	Sheep Springs	Crystal	45
NM 197	US 550 at Cuba	Torreon	61
NM 264	Arizona State Line	Yah-ta-Hey	65
NM 279	NM 124 at Laguna	Seboyeta	27
NM 290	NM 4	Ponderosa	16
NM 371	I-40 at Thoreau	Lake Valley	61
NM 400	Jct. NM 118/NM 400	McGaffey	21
NM 412	I-40 at Prewitt	Bluewater Lake	12
NM 435	Reserve	Lower San Francisco Plaza	10
NM 485	NM 4	Gilman	8
NM 509	Jct. NM 509/NM 605 (Jay's)	Whitehorse	71
NM 537	US 550	Rio Arriba County Line	10
NM 547	Grants	Mt. Taylor	26
NM 564	Jct. NM 118/NM 564	Jct. NM 602/NM 564	13
NM 566	Church Rock	End of Pavement	23
NM 568	Jct. NM 122/NM 568 (West of Milan)	NMDOT Maintenance Yard (Milan)	2
NM 601	Quemado	Cibola/Catron County Line (Dirt Road)	54
NM 602	Jct. NM 53/NM 602	Gallup	64
NM 603	Pie Town	NM 36 (Dirt Road)	46
NM 605	Milan	San Mateo	44
NM 606	Jct. NM 122 (West of Grants)	End of Pavement (Bluewater)	2
NM 608	9 th Street (Gallup)	9 th Street (Gallup)	8
NM 609	Maloney Street (Gallup)	Maloney Street (Gallup)	10
NM 610	2 nd Street (Gallup)	2 nd Street (Gallup)	8
NM 612	I-40 at Thoreau	Bluewater Lake	26
NM 615	Horizon Boulevard (Milan)	Horizon Boulevard (Milan)	3
US 60	Arizona State Line	VLA (Very Large Array)	186
US 180	Arizona State Line	Alma	95
US 491	I-40 at Gallup	Little Water	166
US 550	North of Bernalillo	North of San Ysidro	376
Other Routes	Frontage roads/interchanges	Frontage roads/interchanges	56
I-40	Arizona State Line	To'hajiilee	528
TOTAL LANE MILES			3,313

MAINTENANCE ACTIVITIES & ACCOMPLISHMENTS

Maintenance Challenges

- **Maintenance of I-40:** The challenge for District Six is to maintain I-40 for the traveling public and freight hauling at a high level of service. There are between 10,000 and 15,000 heavy trucks utilizing this roadway daily; along with an equal amount of automobiles. The District maintains 528 lane miles of interstate.
- **Snow Removal Operations:** The District is centered along the Continental Divide. This brings heavy winter storms which require snow removal operations and takes its toll on personnel, equipment and supplies.
- **Maintenance of Secondary Roads:** Along with maintaining I-40 and its inherent heavy traffic volumes, the District maintains 2785 lane miles of secondary roads in McKinley, Cibola, Catron, Sandoval and portions of San Juan, Rio Arriba, Valencia and Socorro counties.
- **Urban Growth in a Rural District:** The Municipality of Gallup is growing continuously and development has exceeded the infrastructure. Congestion and limited access are the result.



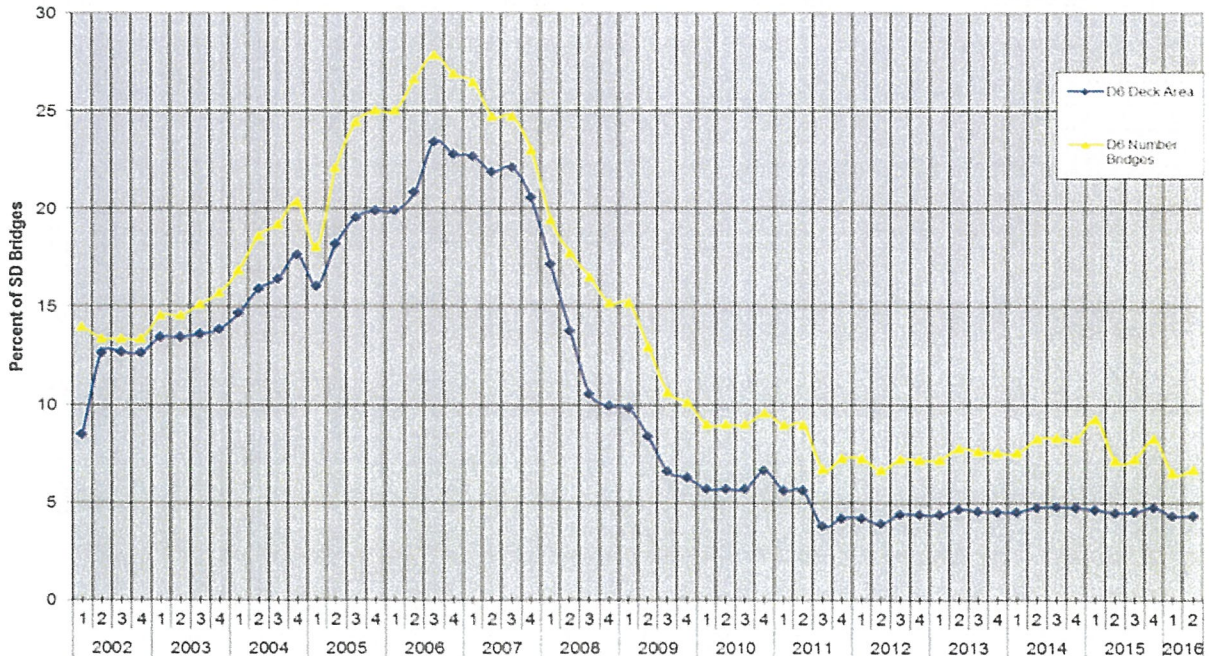
The District budget is fully programmed. No additional budget is available for new construction or maintenance projects.

Maintenance Activities FY 16		
Snow Removal	230,430 pass miles	\$ 2,137,533
Chip Seal	112 lane miles	\$ 1,230,099
Erosion Repair	12,275 cubic yards	\$ 423,292 (District Wide)
Litter Pick-up	4,512 shoulder miles	\$ 241,661
Graffiti Removal	819 square feet	\$ 2,354
Flood Mitigation	District Wide	\$ 151,039

Maintenance Activities FY 16		
Pothole Patching	819 cubic yards	\$ 434,246
Blade Patching	8,192 cubic yards	\$ 1,245,824
Fog Sealing	52 lane miles	\$ 68,932
Mowing	6,327 pass miles	\$ 446,246
Bituminous Paving/Milling	7,169 cubic yards	\$ 847,545



Percentage of Structurally Deficient State Owned Bridges (District 6)



BRIDGE MAINTENANCE		
Projects Under Construction		
Scope of Work	Location	Total Project Cost (Est)
Joint Replacement	US 550	\$921,710.00
Roadway Reconstruction/Bridge Replacement/Ramp Reconstruction	I-40/NM 124 Interchange, MP 96.5	\$12,485,701.53
Scour Critical Remediation	US 491, S of Nakaibito turnoff	\$157,952.00
Bridge Scour Remediation	I-40, MP 4.9	\$1,500,000.00
Projects Completed In FY 2016		
Scope of Work	Location	Total Project Cost
Bridge Replacement	NM 12, W of Reserve – Let 8/14	\$3,900,000.00
Erosion Control	NM 197	\$713,143.90
Bridge Replacement	2nd St/NM 610 in Gallup	\$2,900,000.00
Structure and Misc. Construction	I-40, MP 91	\$2,926,649.70
Bridge Replacement	I-40, Exit 47	\$2,818,037.00
FY 2017 STIP		
Scope of Work	Location	Total Project Cost
Bridge Replacement and Overlay	I-40, Exit 79	\$3,000,000.00
Bridge Replacement	NM 602, MP 24.1	\$3,900,000.00
Bridge Replacement	NM 6, MP 0-7	\$17,500.00



CONSTRUCTION ACTIVITIES AND ACCOMPLISHMENTS	
Ongoing Projects	Completed Projects
Roadway, New Construction on US 491, South of Sheep Springs - \$13,320,812.06	Roadway Rehabilitation on I-40, West of Grants - \$5,406,024.74
Bridge Replacement on NM 4 in Sandoval County- \$2,068,603.60	Lighting on US 550 at NM 197, in Cuba - \$66,792.19
Roadway Reconstruction, I-40 and NM 122 Intersection- \$6,579,579.79	Roadway Rehabilitation on I-40, at Gallup - \$3,722,115.47
Roadway New Construction on US 491 in McKinley County- \$73,645,000.00	Roadway Rehabilitation on I-40, at Wingate - \$4,830,934.60
Bridge Rehabilitation on US 550 in Sandoval County- \$601,516.45	Ramp Reconstruction on I-40, at Iyanbito - \$5,368,419.54
Safety on I-40 in McKinley County- \$458,458.00	Roadway Rehabilitation on I-40 in McKinley County- \$2,809,475.68
Roadway Reconstruction on NM 564 in McKinley County- \$2,612,857.00	Stockpiling, Various Locations- \$1,138,458.00
Roadway Rehabilitation on I-40 in Cibola County- \$6,950,000.00	Roadway Reconstruction on NM 124 in Cibola County- \$1,230,669.00
Roadway Reconstruction, Bridge Replacement & Ramp Reconstruction on I-40/NM 124 in Cibola County- \$12,485,701.53	Roadway Rehabilitation on I-40 MP0.0-4.9 in McKinley County- \$4,694,694.94
Roadway Reconstruction & Bridge Replacement on NM 6 in Cibola & Valencia County- \$30,929,334.80	Stockpiling, District-wide in Cibola & McKinley Counties- \$597,615.40
Bridge & Roadway Rehabilitation on I-40 in Cibola County- \$3,130,971.00	Roadway Rehabilitation on I-40, at Continental Divide/Thoreau Interchange - \$6,950,000.00
Bridge Replacement & Roadway Reconstruction on NM 602 in McKinley County- \$3,902,015.00	Bridge Rehabilitation on NM 6, FR-4046, & NM 124 in Cibola County- \$516,900.50
Sign Replacement on NM 566 & NM 400 in McKinley County- \$73,213.50	Rockfall Mitigation on I-40 in Cibola County- \$284,122.50
	Bridge Rehabilitation on NM 602 in McKinley County- \$488,885.00
	Erosion Control on NM 197 in Sandoval County- \$713,143.90
	Roadway New Construction on NM 12 in Catron County- \$3,962,891.00
	Roadway Rehabilitation on I-40 MP 62.997-68.996 in McKinley County- \$6,305,945.00
	Structures & Misc. Construction on I-40 in Cibola County- \$2,462,598.50
	Bridge Replacement on NM 610 in McKinley County- \$1,939,175.00
	Stockpiling District-wide in Catron & McKinley Counties- \$1,084,336.10
	Bridge Rehabilitation & Erosion Control on I-40 in McKinley County- \$1,113,690.00

PROJECTS IN THE ENGINEERING & DEVELOPMENT STAGE

Bridge preservation project. I-40 MP 35. Fund project for \$550,000.	Installation of Game Fence on US 550 from MP 49.5 to MP 58.0. Funded for \$2,355,000.
US 60 Pavement Preservation Project at MP 18 to 24. Funded for \$4,000,000.	Bridge Preservation Project, NM 53, MP 85.7. Funded for \$2,086,963.
Bridge Preservation Project, I-40, MP 120.3. Funded for \$2,000,000.	Bridge Preservation Project, US 550, MP 64.6. Funded for \$900,000.
Bridge Preservation Project, I-40, Exit 22 in Gallup, NM. Funded for \$1,300,000.	Design Drainage Improvements on NM 117, MP 47 to 50. Fund design for \$800,000.
Bridge Preservation Project, I-40, MP 119 near Mesita, NM. Funded for \$1,000,000.	Replace existing Corrugated Metal Pipe battery at MP 8.4 and at MP 10.6 on NM 612. Funded for \$4,057,384.
Phase I – I40 Reconstruction of Interchange On/Off Ramps and EB Lanes of I-40 from MP 38.0-42.5. Funded for \$14,000,000.	Bridge Rehabilitation Project on NM 566, MP 0.2. Funded for \$2,372,367.
Phase II – I40 Reconstruction/Addition of Passing Lane, Median CWB, and New Median Shoulder from MP 38.8-42.5. Funded for \$6,000,000.	Bridge Replacement on NM 4 at MP 18.72. Funded for \$800,000 in design and \$5,674,999 in construction.
Phase III - I40 Exit 39 Reconstruction of EB lanes from MP 39.9 to MP 42.5. Funded for \$8,000,000.	Remove and Replace Drainage Structure under NM 118 in Gallup, NM. Fund project for \$884,943.
Phase IV - I40 Exit 39 Reconstruction of EB and WB lanes from MP 38.0 to 38.9. Funded for \$8,561,816.	Allison Corridor Phase II ROW Acquisition. Fund acquisition for \$1,592,750.
Upgrade signage, widening shoulders; add rumble strips and guardrail on NM 117 at MP 33-39. Funded for \$2,309,000.	Bridge Replacement project on NM 566, MP 6.5. Funded for \$3,469,777.
US 60 Pavement Preservation Project at MP 30.6 to MP 34.6. Funded for \$4,709,834.	NM 371, Drainage Structure Erosion Mitigation and replacement at MP 15. Fund project for \$1,020,600.
Design of Concrete Wall Barrier in median on I-40 MP 114 to 116. Design funding at \$500,000.	Bridge Replacement Project on I-40, MP 4.4 to MP 5.4. Replace existing bridge #s 6279 & 6280. Project estimated cost at \$14,000,000.
I-40 Bridge Replacement for Coolidge CBC Bridges at MP 44.7 and adjacent waterway CBC Bridge at MP 44.6. Funded for \$11,093,485.	
NM 53, MP 16 to MP 19, Flooding Remediation. Funded for \$2,000,000.	

CRITICAL NEEDS

US 491, Roadway Lighting. Needed along the main corridor outside and north of Gallup, NM.	Allison Road Corridor Phase II- BNSF & NM 118 Overpass. Funding need is \$11.8M.
I40 Reconstruction, MP 58 to 60. Funding need is \$8M.	I-40 Pavement Preservation from MP 111 to 114.8. Funding need is \$8M.
I40 Reconstruction, MP 42.5 to 45.5. Funding need is \$12M.	Cuba Drainage improvements from Drainage Study. Funding need is \$2.5M.
US 60 Pavement Preservation, MP 18 to 24. Funding need is \$4M.	NM 118 Rock Fall mitigation at MP 4.8. Funding need is \$5M.
US 491, Reconstruction of roadway within and north of Gallup, NM.	Allison Road Corridor Phase III – I-40 Overpass, Maloney & Aztec Connection. Funding need is \$6M.
I-40 Reconstruction from MP 18 to 22. Funding need is \$16.5M.	NM 117 Drainage Improvements Construction. Funding need is \$2.5M.
Bridge Replacement Project just off of NM 6 at MP 2.1 (Suwannee Bridge over BNSF RR). Funded for \$800,000 design funds and UNFUNDED for Construction. Bridge is ineligible for FHWA Funding. Funding Need for construction is \$7,500,000.	NM 264 MP 10 to 14 Reconstruction. Funding need is \$10M.
I-40 Pavement Preservation Project from MP 9.2-16.0. Funding need is \$7.5M.	I-40 Median Wall Barrier with Reconstruction. MP 114 - 117. Funding need is \$6M.

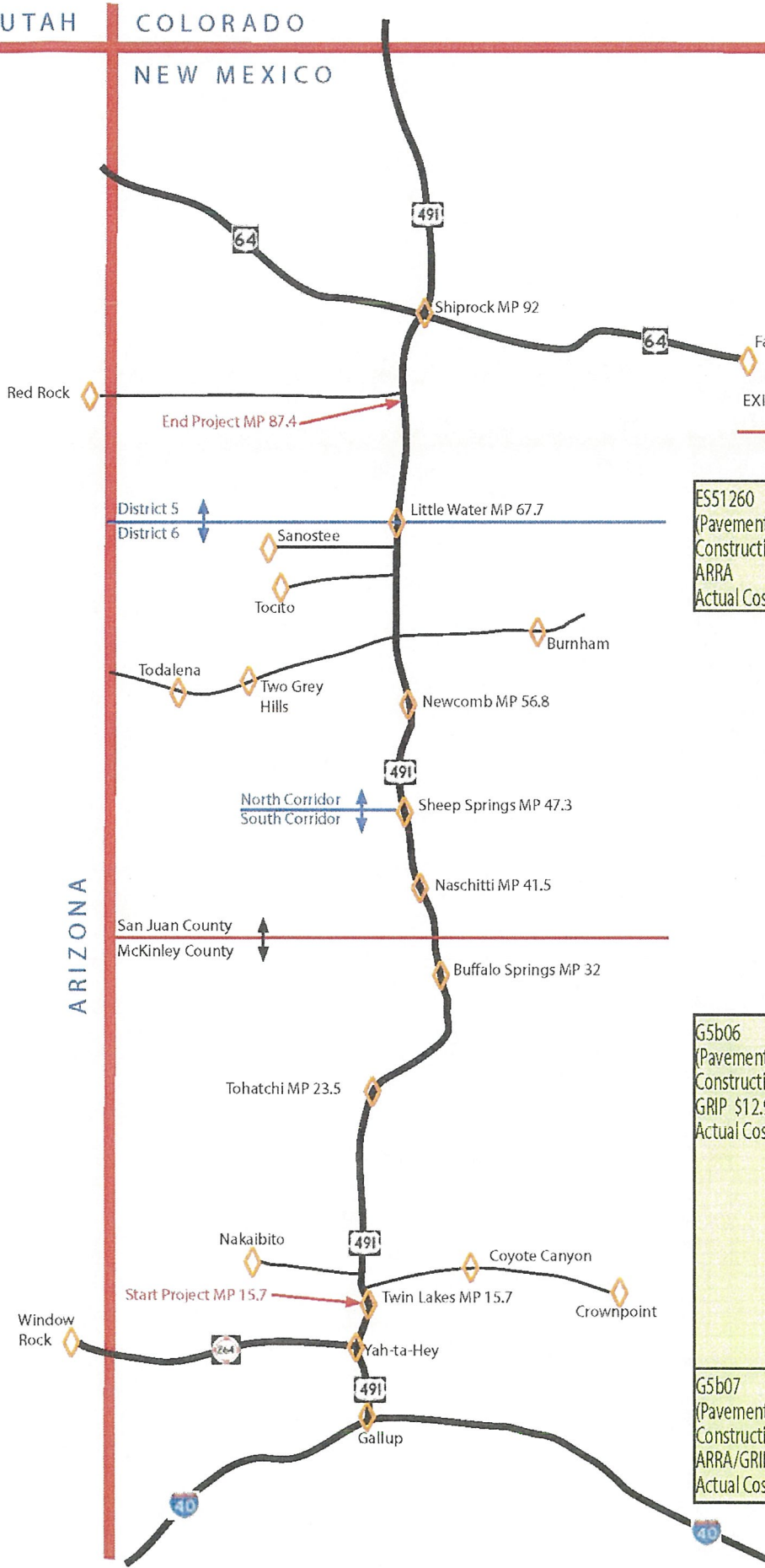
CAPITAL OUTLAY PROJECTS

LOCAL GOVERNMENT ROAD FUND (LGRF)

Design and construct various roads and bridge replacements in the City of Gallup \$465,000.00	Plan, design, and reconstruct various streets in the City of Gallup \$135,351.00
Design and construct Geroge Hanosh Blvd in the City of Grants \$221,000.00	Plan, design, and reconstruct various streets in the City of Grants \$422,768.00
Plan, design, and construct various county and chapter roads in McKinley County \$1,356,376.00	Plan, design, and reconstruct various roads in McKinley County \$926,168.00
Plan, design, and construct various roads in the Village of Milan \$628,000.00	Plan, design, and reconstruct various streets in the Village of Milan \$1,224,196.00
Plan, design, and construct various chapter roads within the Navajo Nation \$535,000.00	Plan, design, and reconstruct various roads in Catron County \$1,310,089.00
	Plan, design and reconstruct various roads in Cibola County \$351,705.00
	Plan, design and reconstruct various streets in the Village of Reserve \$135,351.00
	Plan, design, and reconstruct various roads in the Pueblo of Acoma \$56,250.00
	Design and reconstruct the drainage of the school lot for the Grants/Cibola County Schools \$67,330.00

D6 ACTIVE FEDERAL FUNDED PROJECTS FOR T/LPA

Construction of sidewalk/bikeway on NM435 MP 0 to MP 1.00 in the Village of Reserve \$135,000.00
Design and reconstruction of pedestrians/bicycle facilities on First Street from Santa Fe Ave to Roosevelt Ave in the City of Grants \$84,375.00
Safety project: Design and construct overlook at the SP 30 (12) 2 & 4 Project site in the Pueblo of Acoma \$194,264.00
Reconstruct sidewalks to ADA Standards from the intersection of NM 118/ 3 rd Street to the intersection of NM 118 /Strong Drive in the City of Gallup \$497,084.00
Preliminary Engineering of Riverwalk Trail from Downtown Riverwalk to Anderman Dr. in the City of Grants - \$64,75500
Construction of a 10 ft. wide paved multi use trail and amenities on Route NM 124-P Between Casa Blanca and Encinal Rd in the Pueblo of Laguna - \$614,382.00
Design of an 8ft. wide paved multi use trail within municipal park adjacent to Route NM 126-P in the Village of Cuba- \$42,180.00



EXISTING 2 LANE PROJECTS

4 LANE CONSTRUCTION PROJECTS

ES51260 MP 77-88.6 (Pavement Preservation) Construction Complete Oct 2010 ARRA \$4M Actual Cost: \$3,349,607.63	G5b85A MP 77-85.2 (2 New Lanes) Construction Complete Oct 2009 GRIP \$23.6M Actual Cost: \$19,652,742.29
	G5b75 MP 67-77 (2 New Lanes) Construction Complete Apr 2012 GRIP \$19M / IRR ARRA \$8M Actual Cost: \$15,665,184.03
	G5a26 MP 66.2 (2 New Bridges) Construction Complete Apr 2005 GRIP \$2.2M Actual Cost: \$2,201,766.13
	G5b66 MP 59-67.7 (2 New Lanes) Construction Complete Jul 2011 ARRA \$21.8M Actual Cost: \$20,342,806.45
G5b06 MP 29.5-59.5 (Pavement Preservation) Construction Complete Nov 2008 GRIP \$12.9M Actual Cost: 12,970,909.00	G5B56 MP 46-59 (2 New Lanes) Construction Complete Oct 2013 TIGER Grant \$31M Actual Cost: \$25,057,175.80
	6100780 MP 41.9-46 (2 New Lanes) Construction Complete Mar 2014 Actual Cost: \$11,775,584.32
	6100781 MP 36.9-42.4 (2 New Lanes) Construction Complete Jun 2015 Cost: \$12,965,669.00
G5b07 MP 15.6-29.5 (Pavement Preservation) Construction Complete Oct 2009 ARRA/GRIP \$13.3M Actual Cost: \$7,834,578.08	6100783 MP 15.3-37.0 (2 New Lanes) Estimated Complete - Sept. 2017 Estimated Cost: \$73,645,000.00