



CITY OF RIO COMMUNITIES

360 Rio Communities Blvd.
Rio Communities, NM 87002
505-861-6803
www.riocommunities.net

March 14, 2022

Peter J. Kubiak
LGRF Coordinator
7500 Pan American Freeway NE
PO Box 91750
Albuquerque NM 87199

RE: 2022-2023 Cooperative Agreement Program Project Proposal

The City of Rio Communities is pleased to present the following application for funding under the Cooperative Agreement Program for 2022-2023. This proposal was prepared by HDR Engineering who conducted the requisite site inspection and performed a thorough analysis of road use and conditions.

Following are aerial photographs and a street view that depict the specific project location, in this instance— a single project— Don Diego is one of the streets that is at the top of the priority list for removal and replacing approximately 1,130 ft of existing roadway pavement. Additionally, Resolution 2022-04 is included that certifies full acceptance of this single project by our governing body.

As Mayor, I hereby certify that the enclosed proposed scope of work is necessary for the public good and their convenience and is integral to the economic development of our community.

If you have questions or concerns, please contact me at 505-861-6803.

Thank-you in advance for your assistance in our efforts to improve our community.

Sincerely,

Joshua Ramsell
Mayor of Rio Communities

**State of New Mexico
City of Rio Communities
Resolution 2022 - 04
NMDOT Cooperative Agreement Program**

Whereas, the governing body in and for the City of Rio Communities, State of New Mexico, requests participation in the Cooperative Agreement Program; has approved the location, scope preliminary cost estimate of the work in the attached document, and;

Whereas, the scope of work contained herein has been reviewed by the City Council as being vital to the public good and their convenience, and;

Whereas, The City of Rio Communities is responding to invitation from the New Mexico Highway and Transportation Department, District Three, Albuquerque, New Mexico, to participate in the 2022-2023 Cooperative Agreement Funding Program by submitting the following project proposal, and;

Whereas, The City of Rio Communities has agreed to provide matching funds at a rate of twenty-five percent (25%) of the total cost of the project.

NOW THEREFORE, BE IT HEREBY RESOLVED that the Governing Body of the City of Rio Communities, State of New Mexico, hereby authorizes the submission of an application to the New Mexico State Highway and Transportation Department and does hereby commit to the funding of such projects as specified in the application.

PASSED, APPROVED AND ADOPTED THIS 14th DAY OF MARCH 2022 BY THE GOVERNING BODY OF THE CITY OF RIO COMMUNITIES, NEW MEXICO.

Joshua Ramsell, Mayor

Margaret R. Gutjahr, Mayor Pro-tem

Arthur Apodaca, Councilor

Lawrence R. Gordon, Councilor

Jimmie Winters, Councilor

ATTEST:

Elizabeth F. Adair, Municipal Clerk



2022-2023 Road Paving Improvements

NMDOT Cooperative Agreement Program

March 15, 2022

**City of Rio Communities
360 Rio Communities Blvd.
Rio Communities, NM 87002
505-861-6803**

Table of Contents

Vicinity Map	2
Scope of Work	3
Project Preliminary Cost Estimate	4
Project Justification	5
Project Certification	9
Letter of Intent	10

Vicinity Map



Scope of Work

Don Diego Road is one of the streets that is at the top of the priority list for immediate repair. The city intends to remove and replace approximately 1,130 ft of existing roadway pavement from Dulcinea Lane (BOP) to Guapo Road (EOP). Due to the high severity and extent of distress in the pavement, the road will require full reconstruction. The profile of the road will not be changed, and the existing curb and gutter will be protected in place. There are no apparent drainage structures nor other obstructions within the project limits.

Project Preliminary Cost Estimate

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST ESTIMATE Rio Communities: Don Diego Rd Reconstruction

CATEGORY: ROADWAY

NMDOT ITEM NO.	SHORT DESCRIPTION	UNIT	ESTIMATE QUANTITY	ESTIMATE UNIT PRICE	ESTIMATE AMOUNT
203000	UNCLASSIFIED EXCAVATION	C.Y.	850	\$11.40	\$9,690.00
207000	SUBGRADE PREPARATION	S.Y.	3,800	\$2.50	\$9,500.00
303000	BASE COURSE	TON	1,200	\$30.00	\$36,000.00
407000	ASPHALT MATERIAL FOR TACK COAT	TON	2	\$565.00	\$847.50
408100	PRIME COAT MATERIAL	TON	7	\$620.00	\$4,340.00
416117	MINOR PAVEMENT WMA SP-IV	TON	870	\$100.00	\$87,000.00
601110	REMOVAL OF SURFACING	S.Y.	3,800	\$8.50	\$32,300.00
621000	MOBILIZATION	LS	1	\$18,000.00	\$18,000.00
SUBTOTAL:					\$197,677.50
CONTINGENCY (30.0%):					\$59,303.25
SUBTOTAL WITH CONTINGENCY:					\$256,980.75
NMGR TAX @ 7.9375%:					\$20,397.85
ROADWAY SUBTOTAL:					<u>\$277,378.60</u>

CATEGORY: CONSTRUCTION ENGINEERING

NMDOT ITEM NO.	SHORT DESCRIPTION	UNIT	ESTIMATE QUANTITY	ESTIMATE UNIT PRICE	ESTIMATE AMOUNT
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS	1	\$2,000.00	\$2,000.00
618000	TRAFFIC CONTROL MANAGEMENT	LS	1	\$8,000.00	\$8,000.00
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	1	\$2,000.00	\$2,000.00
802000	POST CONSTRUCTION PLANS	LS	1	\$2,000.00	\$2,000.00
SUBTOTAL:					\$14,000.00
CONTINGENCY (30.0%):					\$4,200.00
SUBTOTAL WITH CONTINGENCY:					\$18,200.00
NMGR TAX @ 7.9375%:					\$1,444.63
CONSTRUCTION ENGINEERING SUBTOTAL:					<u>\$19,644.63</u>

COST ESTIMATE SUMMARY

SHORT DESCRIPTION	SUBTOTAL AMOUNT	CONTINGENCY 30%	GR TAX 7.938%	TOTAL AMOUNT
ROADWAY	\$197,677.50	\$59,303.25	\$20,397.85	\$277,378.60
CONSTRUCTION ENGINEERING	\$14,000.00	\$4,200.00	\$1,444.63	\$19,644.63
ENGINEERING SERVICES (10% OF CONSTRUCTION COSTS)	\$27,518.08	\$8,255.42	\$2,839.52	\$38,613.02
GEOTECHNICAL REPORT	\$8,000.00	\$2,400.00	\$825.50	\$11,225.50
CONSTRUCTION OBSERVATION	\$5,000.00	\$1,500.00	\$515.94	\$7,015.94
TOTAL =	\$252,195.58	\$75,658.67	\$26,023.43	\$353,877.68

Project Justification

A site review was performed to assess the severity and extent of material and structural distress in the existing pavement. After a careful evaluation, it was determined that the existing pavement has reached its life span and it needs immediate replacement.



Figure 1: Subgrade exposure



Figure 2: Excessive cracking and subgrade exposure



Figure 3: Alligator cracking



Figure 4: Alligator cracking and subgrade failure

Project Certification

Letter of Intent