



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 2023-2024. 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 2,400 linear ft of existing roadway pavement. Additionally, Resolution 2023-08 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 2023 - 08
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 2023-2024 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 13th DAY OF MARCH 2023 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



2023-2024 Road Paving Improvements

NMDOT Cooperative Agreement Program

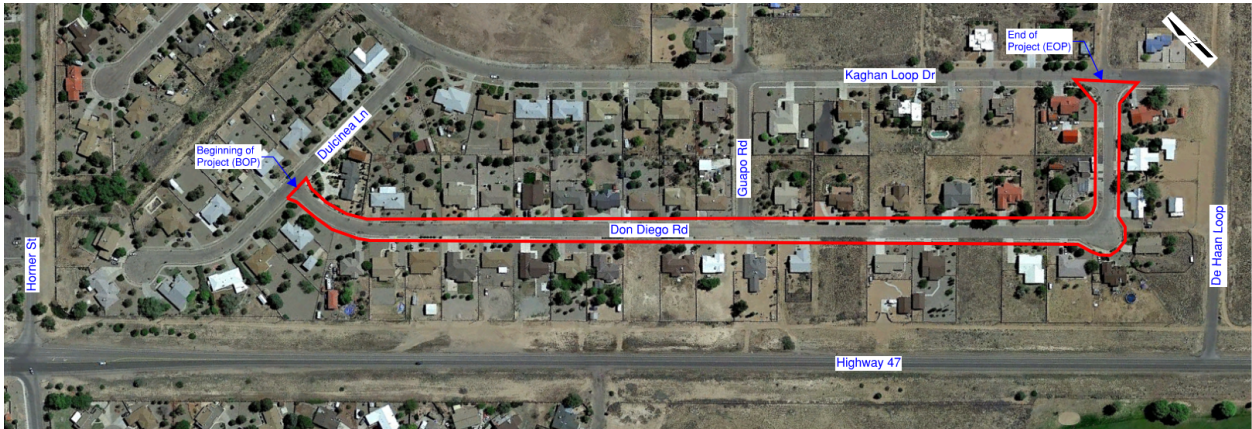
March 15, 2023

**City of Rio Communities
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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 develop a construction plan set to remove and replace approximately 2,400 linear feet of existing roadway pavement from Dulcinea Lane (BOP) to Kaghan Loop Drive (EOP). Due to the high severity and extent of distress in the pavement, the road will require full reconstruction. There are no apparent drainage structures nor other infrastructure for stormwater runoff conveyance within the project limits. Field review has indicated several depressed sections with the roadway section which appear to result in ponded water after storm events. Therefore, the profile of the road will be revised and modified as needed to provide a construction staking plan which will provide positive conveyance of stormwater concentrating along the gutter pan of the roadway.

Project Preliminary Cost Estimate

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

DESIGN COST ESTIMATE SUMMARY

<i>SHORT DESCRIPTION</i>	<i>SUBTOTAL AMOUNT</i>	<i>GR TAX 7.7500%</i>	<i>TOTAL AMOUNT</i>
ENGINEERING SERVICES	\$83,707.00	\$6,487.29	\$90,194.29
SURVEY & SUE	\$32,500.00	\$2,518.75	\$35,018.75
GEOTECHNICAL REPORT	\$13,000.00	\$1,007.50	\$14,007.50
TOTAL =	\$129,207.00	\$10,013.54	\$139,220.54

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