TRANSPORTATION PROJECT FUND
PROJECT FEASIBILITY FORM (PFF)
MPO/RTPO: Southwest RPO

GENERAL INFORMATION

Preparation Date: Revision Date: June 3, 2021

Project Title: N. Foy Roadway & Drainage Design

Requesting T/LPA: City of Bayard
(Applicant)

Is there an approved Governing Body resolution for this application
YES ☑ NO ☐ PENDING ☐

Responsible Charge
Name: Kristina Ortiz

Phone: 575-537-3327

Title: Clerk-Treasurer

Email: cityclerk@cityofbayardnm.com

PROJECT DESCRIPTION

Project Type (Circle/boldface/underline all that apply):
ROADWAY BRIDGE SAFETY PLANNING/DESIGN OTHER

If you chose "OTHER" please clarify here: _____

Project Scope: Design of N. Foy Street Roadway & Drainage Improvements. Please see attached for project specifics.

Is the request to address a bridge on the NMDOT's Local Bridge Priority List for Replacement/Rehabilitation?
NO ☑ YES ☐ If yes, please indicate bridge #: _____

Is the request to continue or advance a phase of a previous project?
NO ☐ YES ☑ If yes, please indicate funding sources and scope of previous phase below.
Funding Source: Local Government Road Fund Cooperative Agreement Control No. HW2L100450
Previous Phase Project Scope: Survey and Preliminary Design (approximately 30% design effort)
Completion Date of Previous Phase: On-going. Projected to be completed by end of August 2021.
Current Phase being requested: Final Drainage Analysis, Geotechnical Investigation, and Final Design

Project Location
Route Number and/or Street Name: N. Foy Street

Project Termini:
Beginning Mile point and/or intersection: Bayard Housing Authority north entrance off of Copper Street
Ending Mile point and/or intersection: City Limits

Total length of proposed project: 1,350 L.F.

NOTE: A local government project that is located in full or in part within a department right-of-way or NHS route must be administered in accordance with the "Tribal/Local Public Agency Handbook".

A local government project that ties into, connects or crosses a department right-of-way or an NHS route, or when the project may have an effect on existing improvements within department rights-of-way, requires the approval of the department.

Is the project located in full or in part within a department right-of-way or NHS route?
NO ☑ YES ☐ If yes, the project must be administered in accordance with the Tribal/Local Public Agency Handbook and follow all requirements and procedures.

Does the project tie into, connect or cross a department right-of-way or an NHS route, or will the project have an effect on existing improvements within a NMDOT right-of-way? "Letter of Approval" from the NMDOT District Engineer?
NO ☑ YES ☐ If yes, a "Letter of Approval" is required from the NMDOT District Engineer.

Will the project impact known environmental and/or cultural resources?
YES ☐ NO ☑ If yes, please clarify _____

Is this project tied to any past or future federal funding?
YES ☐ NO ☑ If yes, please identify _____

Project Phases to be included in request (Circle/boldface/underline all that apply):

PLANNING

PRELIMINARY ENGINEERING/DESIGN

CONSTRUCTION

CONSTRUCTION MANAGEMENT & TESTING

*RIGHT OF WAY ACQUISITION**

* Projects that are for ROW acquisition will need to follow NMDOT ROW acquisition requirements if the entity intends to utilize federal funding in any subsequent project phase.

PROJECT COSTS:

Column A			Column B
If project is not phased, complete column A only. If project is phased, list the amount of funding being currently requested in Column A and complete Column B.			Total Phases No. (1, 2, 3, I, II, III, etc.): $40,000.00 The amount below represents the cost of the entire project and will be greater than Column A.
Requested Cost		$65,400.00	Total Project Cost: $105,400.00
Percentage Estimates:			Phased projects are usually large and divided into parts or phases. Please clarify how the requested project funding relates to the total overall project. Identify future phases and estimated costs.
Total Local Match	%5	$3,270.00	
Total State Share	%95	$62,130.00	
	100%	65,400.00	

T/LPA REVIEW:				
By:	Date:	Recommended:	Yes	No
NMDOT DISTRICT REVIEW:				
By:	Date:	Recommended:	Yes	No

NMDOT District comments.
NMDOT Environmental Bureau comments.

Topics to discuss during all PFF meetings:

- Is this project included in any other planning documents? (Comprehensive Plan, ICIP, etc.)
- Does the T/LPA have the minimum match required for the project? If not, does the T/LPA intend to apply for a match waiver?
- Does the T/LPA have a good track record for responsible use/tracking of state funds? Have they met closeout deadlines? Have they successfully completed other state funded projects in a timely manner?
- Has the T/LPA had any issues with design/construction in the past?

- Does the T/LPA have major audit findings that would prevent them from being a responsible fiscal agent?

Additional topics to discuss during PFF meetings ONLY if project is on or intersects with an NMDOT or NHS route:

- Is the Tribal/Local Public Agency (T/LPA) familiar with the NMDOT T/LPA Handbook? Has the person in responsible charge attended one of the T/LPA Handbook trainings?
- Is the project within NMDOT ROW? If so, does the district support the project?
    - Are agreements necessary for maintenance and operations? (Lighting agreements, landscaping, etc.)
- The T/LPA must follow the NMDOT specifications as outlined in the “Specs for Highway and Bridge Construction” unless the appropriate NMDOT Design Center grants permission prior to design for the T/LPA to use other specs.

Stantec

City of Bayard
FY2022 Transportation Project Fund

N. Foy Roadway and Drainage Design Improvements

Project Scope of Work and Projected Fee
Revised: June 3, 2021

EXISTING CONDITIONS:

The N. Foy Street roadway width varies and has a cumulative length of approximately 1,350 feet. The proposed improvements will be constructed within the corporate limits of the City of Bayard. No additional right-of-way is anticipated for this project and there are no relocations, or right-of-way encroachments. The City of Bayard has no knowledge of hazardous materials usage or contamination of soils or groundwater contamination by hazardous materials within the project area.

There are existing buried utilities within the project area that should remain free and clear as the proposed construction will not have deep soil disturbances in excess of 18 inches.

PROJECT DESIGN / CONSTRUCTION INTENT:

The projected scope of work for the N. Foy Street design will consist of vertical curb and gutter along both sides of the roadway to include new asphalt surfacing from the Housing Authority to N. Foy Street north to City Limits and the west end of Alta Vista Drive to City Limits. Please see attached project aerial highlighting the project area. No ADA ramps or sidewalks will be constructed on this project due to the steep terrain/grades and physical constraints within the project area, but drive pads will be constructed. Design Variance documentation will be completed and kept on file stating the reason(s) that ADA ramps and sidewalks cannot be constructed that meet federal engineering approved design standards.

The goal of the design phase, and ultimate construction, is to enhance safety and quality of vehicular and pedestrian traffic movements within the route and termini, as well as addressing existing drainage issues.

PROJECT READINESS:

The City of Bayard has issued a Work Order (executed April 9, 2021) to Stantec through a current General Services Agreement to complete the following professional services associated with the N. Foy Street Design project: (1) Project Development/Scoping, (2) Topographic/Utility Location Survey, (3) NMDOT Environmental Certification, and (4) Preliminary Design (to an approximate 30% effort.

Local Government Road Fund Cooperative Agreement, New Mexico Department of Transportation (NMDOT), Control No. HW2L100450 in the amount of $40,000 (NMDOT share 75%, City of Bayard share 25%) for “Engineering services for roadway and drainage improvements within the City limits for paving, drainage, curb and gutter, ADA, and sidewalk improvements for N. Foy Street” is being utilized to pay the professional services identified above.

The City of Bayard is aware that CN HW2L100450 ***cannot*** be utilized as a Match to the Transportation Project Fund project and will be contributing City funds to satisfy the required 5% Match in the amount $3,270.00, if awarded FY2022 TPF funding.

The above services will be completed prior to FY2022 TPF awards being announced, and the City will issue an additional Work Order to Stantec immediately upon execution of a FY2022 TPF Grant Agreement, so that funding can be disbursed immediately. It is projected, that if a TPF Grant Agreement is executed in September 2021; that

the Final Design will be completed prior to the end of December 2021 and all TPF funds expended by that timeframe as well.

FY2022 TPF SUMMARIZED SCOPE OF WORK: Engineering services projected for this project include, may consist of but not limited to, Project Management Assistance, Geotechnical Investigation, Final Drainage Analysis, and Final Design. Following is a brief description of each of these services.

- **Project Management Assistance -** This task includes project management activities necessary to manage and coordinate work towards the completion of the project, including establishing and maintaining the project budget and schedule, preparing monthly invoices and associated project status reports, ensuring quality assurance and quality control reviews occur for each deliverable, coordinating with **City of Bayard** and the funding agency, assisting with the disbursement of project funds for payment for professional services, and providing project close-out assistance.
- **Geotechnical Investigation** – This task will consist of a geotechnical lab conducting field and laboratory analysis of the geotechnical characterization of the existing soils present within the project area to assist in the design phase for subgrade preparation, base course and asphalt thickness requirements.
- **Final Drainage Analysis** – This task will consist of providing a stamped engineering memo that demonstrates the proposed improvements post-development drainage (after construction) will convey storm water flows in same general direction as the pre-development drainage (prior to construction), will identify the flow rate(s), and will also identify any new infrastructure that may be required.
- **Final Design -** This task will include preparing construction drawings, specifications, an opinion of probable construction cost, and front-end documents for the roadway and drainage improvements to a 75% and 100% design effort. Stantec will submit the 75% deliverable to the City of Bayard for review and will facilitate a design review meeting with the City of Bayard to review and discuss any comments received from the City of Bayard. Stantec will address any comments received from the City of Bayard and re-submit the bid documents, plans, and specifications for approval. The Final Design phase will be considered complete upon the City of Bayard's approval.

ESTIMATED FEES:

Below is a summarized breakdown of the proposed engineering Design fee:

1.	Project Management Assistance	$ 2,818.00	
2.	Geotechnical Investigation	$ 4,999.00	
3.	Final Drainage Analysis	$ 10,218.00	
4.	Final Design	$ 42,471.00	
	Subtotal:	$ 60,506.00	
	NMGRT @ 8.0%	$ 4,840.48	(% subject to change)
	City of Bayard FY2022 Total Project Budget:	**$ 65,400.00**	**(rounded)**

City of Bayard FY2022 TPF 95% Grant Amount	$ 62,130.00
City of Bayard FY2022 TPF 5% Matching Requirement	$ 3,270.00



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REVISIONS	DRAWING	DWG BY: WDH	SHEET
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DATE MAY 2021	PROJECT N. FOY STREET IMPROVEMENTS		

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