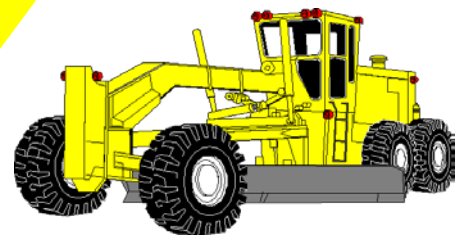


Raft River  
Highway District  
**Idahome Road**  
**Hwy 81 to I-84**

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Freight Program  
Project Application  
FY24-29



Raft River Highway District  
320 Main St N.  
Malta, ID 83342  
(208) 645-2463

## Applicant Information

*Applicant: Raft River Highway District (RRHD)*

Mailing Address: 320 Main St N

City: Malta

State: ID

Zip Code: 83342

Contact Person: Scott Hitt

Title: Superintendent

Phone: (208) 431.2483

Email: rrhwy@atcnet.net

*Co-Applicant:*

None.



## Project Cost Estimate

### Instructions:

*Project estimate must include all related project costs, including administrative. The minimum match amount for the total project cost is 7.73% for interstate projects and 7.34% for projects not on an interstate. Applicants should include details on match funding to include amounts and contributing agencies. Details should include, but not be limited to the following:*

- Preliminary development cost and year required
- Right of way cost and details
- Status of environmental requirements and costs
- Construction costs and year of execution

### Matching Funding & Contributing Agencies:

See the attached match letter signed by the RRHD Chairman for matching funds. See the attached letter of support from Millenkamp Cattle.

### Preliminary Development Cost & Year Required:

The preliminary development cost is \$498,000 and will be completed in 2024. See the attached cost estimate.

### Right of Way Cost & Details:

There is no additional right-of-way needed for this project.

### Status of Environmental Requirements & Cost:

The environmental for this project has not been started, the anticipated cost is \$75,000.

### Construction Cost & Year of Execution:

The construction cost in 2021 dollars is \$5,056,000 and in 2026 dollars the construction cost will be \$6,102,000. This project will be completed in 2026, see the attached cost estimate.

*Attachments:*

*RRHD Match Letter*

*Support Letter*

*Cost Estimate*



Idahome Road, Hwy 81 to I-84

***Raft River Highway District***

320 North Main Street

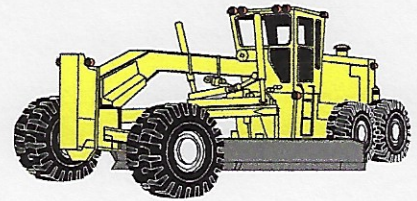
PO Box 636

Malta, Id 83342

Phone: 208-645-2463

Fax: 208-645-2469

Email: [rrhwy@atcnet.net](mailto:rrhwy@atcnet.net)



***Todd Carpenter***  
Chairman

***Heath Higley***  
Treasurer/Secretary

***Alberto Montoya***  
Vice Chairman

December 8, 2021

To Whom it may Concern,

Raft River Highway District has approved to match 7.34% for the ITD Freight Program, for the project  
Raft River Highway District: Idahome Road, Hwy 81 to I-84.

Sincerely,

A handwritten signature in black ink, appearing to read 'Todd Carpenter', with a long horizontal flourish extending to the right.

Todd Carpenter  
Board Chairman  
Raft River Highway District





November 22, 2021

Mr. Scott Luekenga  
Idaho Transportation Department  
Freight Program Manager

RE: Letter of Support for Raft River Highway District's Idahome Road from Highway 81 to I-84.

Dear Mr. Scott Luekenga and Freight Advisory Committee:

Millenkamp Cattle Inc. offers this letter in support of Raft River Highway District's application for funding to rehabilitate the west end of Idahome Road from Interstate 84 to Highway 81.

Idahome Road is a key roadway in effectuating Cassia County transportation goals in this area. It provides an important transportation for hauling commodities and animals to and from our dairy which holds 50,000 animals, as well as serving other local agricultural interests and traveling needs. The current outdated, paved road is extensively traveled and needs constant maintenance. This is particularly concerning as it continues to be heavily used year-round to serve the dairy and farms and ranches in the local area. With the size of vehicles and machinery moving about on this road, we are concerned that the outdated construction of Idahome Road could be detrimental to public safety and will not hold up under the heavy use. Improving this road will assist in improving the economic health of the county, but more importantly will assist in providing improved safety to those using this road.

The Raft River Highway District has been extremely diligent and effective in providing safe and well-maintained roadways to residents and users. Unfortunately, current funding levels require setting priorities to ensure best use of limited resources. Raft River Highway District has a proven track record of being wise and careful stewards of their roads and resources. Their efforts to improve public safety, service and travel conditions are well worth note and we appreciate your careful consideration of this request for funding the rehabilitation of the Idahome Road. Raft River Highway District's application for funding to rehabilitate this road is a key step in enhancing the infrastructure, safety and service to county residents.

We strongly urge that you favorably consider their application for this funding to rehabilitate Interstate Feeders Road, to afford Raft River Highway District the opportunity to continue pursuit and accomplishment of their worthwhile goals. Thank you for your attention and consideration of this application.

**MILLENKAMP CATTLE INC.**

William J Millenkamp  
President

**Idahome Road: Hwy 81 to I-84**  
December 14, 2021

**Opinion of Probable Cost - Full Reconstruction**

Opinion of Probable Cost (Major Items)

Pay Item	Item Description	Unit	Quantity	Unit Price	Bid Price
201-010A	Clearing and Grubbing	LS	1	\$ 10,000.00	\$10,000
205-005A	Excavation	CY	5,250	\$ 20.00	\$105,000
205-060A	Water for Dust Abatement	MG	700	\$ 30.00	\$21,000
205-071A	Soft Spot Excavation and Repair	CY	250	\$ 40.00	\$10,000
212-011A	Fiber Wattles	FT	1,000	\$ 4.00	\$4,000
212-105A	Water Pollution and Erosion Control	CA	1	\$ 5,000.00	\$5,000
301-005A	Granular Subbase	TON	0	\$ 18.00	\$0
303-022A	3/4" Aggregate Type B for Base	TON	56,960	\$ 25.00	\$1,424,000
401-020A	CSS-1 Dil Emul Asph for Tack Coat	GAL	6,125	\$ 2.50	\$15,313
405-245A	Approaches	EACH	25	\$ 1,000.00	\$25,000
405-425A	Pavement (HMA)	TON	11,910	\$ 80.00	\$952,800
578-005B	Precast Concrete Culvert	LS	1	\$ 200,000.00	\$200,000
616-010A	Signing	EACH	10	\$ 400.00	\$4,000
621-005A	Seedbed Preparation	ACRE	10.00	\$ 3,000.00	\$30,000
621-010A	Seeding	ACRE	10.00	\$ 2,000.00	\$20,000
621-015A	Mulching	ACRE	10.00	\$ 6,434.00	\$64,340
621-025A	Mulch Anchoring (Tackifier)	ACRE	10.00	\$ 2,500.00	\$25,000
626-100A	Traffic Control Items	LS	1	\$ 25,000.00	\$25,000
634-005A	Mailboxes	EACH	10	\$ 350.00	\$3,500
640-015A	Subgrade Separation Geotextile	SY	0	\$ 1.40	\$0
675-005A	Survey	LS	1	\$ 15,000.00	\$15,000
S303-05A	Recycled Asph Base Stab	SY	61250	\$ 3.00	\$183,750
SUBTOTAL (Rounded up to the nearest \$1,000)					\$3,143,000
Mobilization	%	10%	\$ 315,000	\$315,000	
Estimating Accuracy	%	20%	\$ 692,000	\$692,000	
CONSTRUCTION SUBTOTAL IN 2021 DOLLARS (Rounded up to the nearest \$1,000)					\$4,150,000
CONSTRUCTION SUBTOTAL IN 2022 DOLLARS (Rounded up to the nearest \$1,000)				6%	\$4,399,000
CONSTRUCTION SUBTOTAL IN 2023 DOLLARS (Rounded up to the nearest \$1,000)				5%	\$4,618,950
CONSTRUCTION SUBTOTAL IN 2024 DOLLARS (Rounded up to the nearest \$1,000)				4%	\$4,803,708
CONSTRUCTION SUBTOTAL IN 2025 DOLLARS (Rounded up to the nearest \$1,000)				4%	\$4,995,856
CONSTRUCTION SUBTOTAL IN 2026 DOLLARS (Rounded up to the nearest \$1,000)				4%	\$5,195,691
LHTAC Administration	%	5%	\$ 208,000	\$208,000	
Design (in 2021 dollars)	%	12%	\$ 498,000	\$498,000	
Environmental Evaluation	LS	1	\$ 75,000	\$75,000	
Right-of-Way	LS	1	\$ -	\$0	
CE&I	%	10%	\$ 415,000	\$415,000	
Construction Contingency	%	5%	\$ 208,000	\$208,000	
TOTAL IN 2021 DOLLARS (Rounded up to the nearest \$1,000)					\$5,554,000
TOTAL IN 2026 DOLLARS (Rounded up to the nearest \$1,000)					\$6,600,000

## Project Details

### *Instructions:*

*Applicants should provide details on project design to include maps or diagrams depicting the infrastructure improvements.*

### Infrastructure Improvements:

The infrastructure improvements for this project include the attached location map, existing condition pictures and typical section for the project.

### *Attachments:*

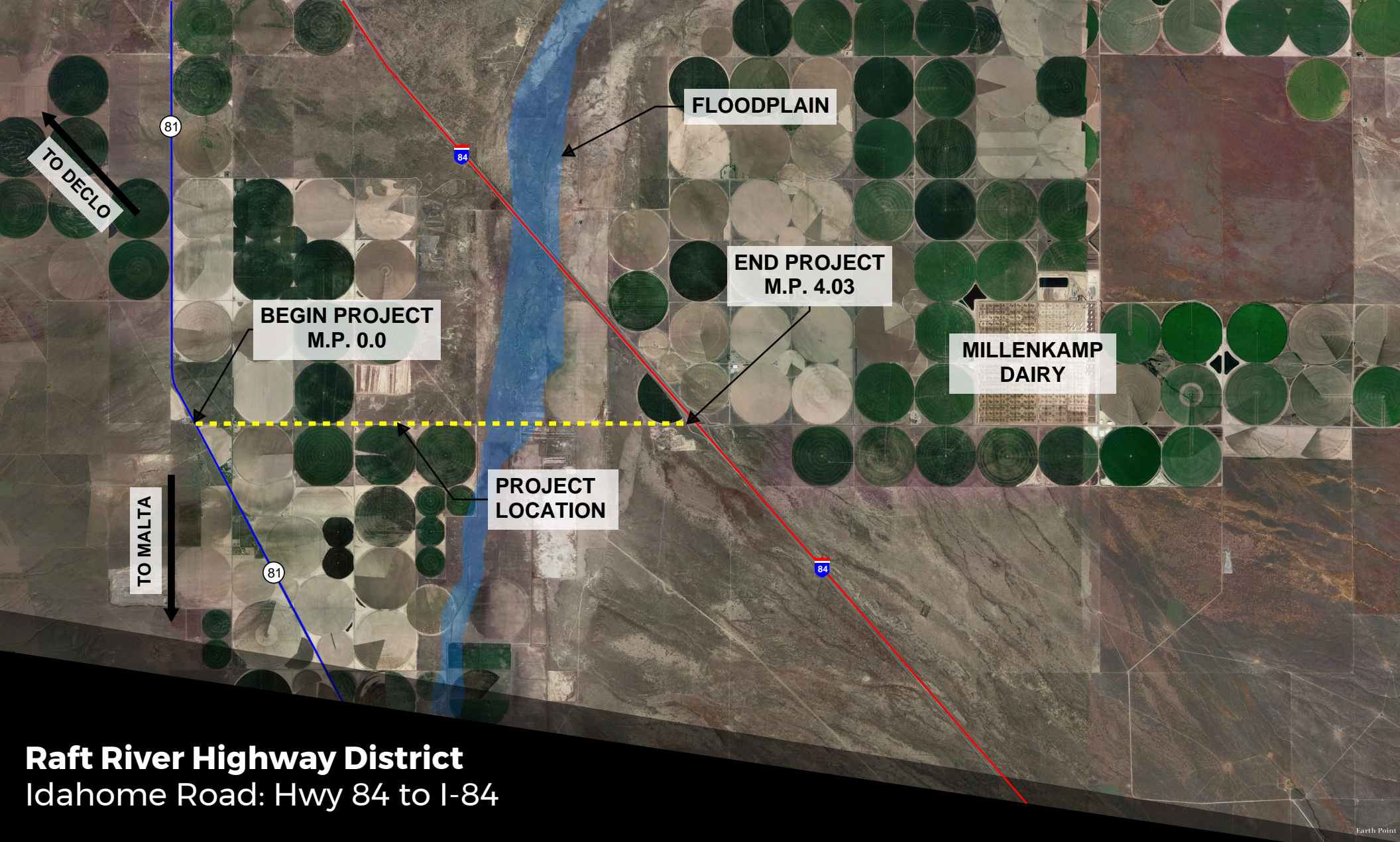
*Project Maps*

*Project Typical Section*



Idahome Road, Hwy 81 to I-84





FLOODPLAIN

END PROJECT  
M.P. 4.03

MILLENKAMP  
DAIRY

BEGIN PROJECT  
M.P. 0.0

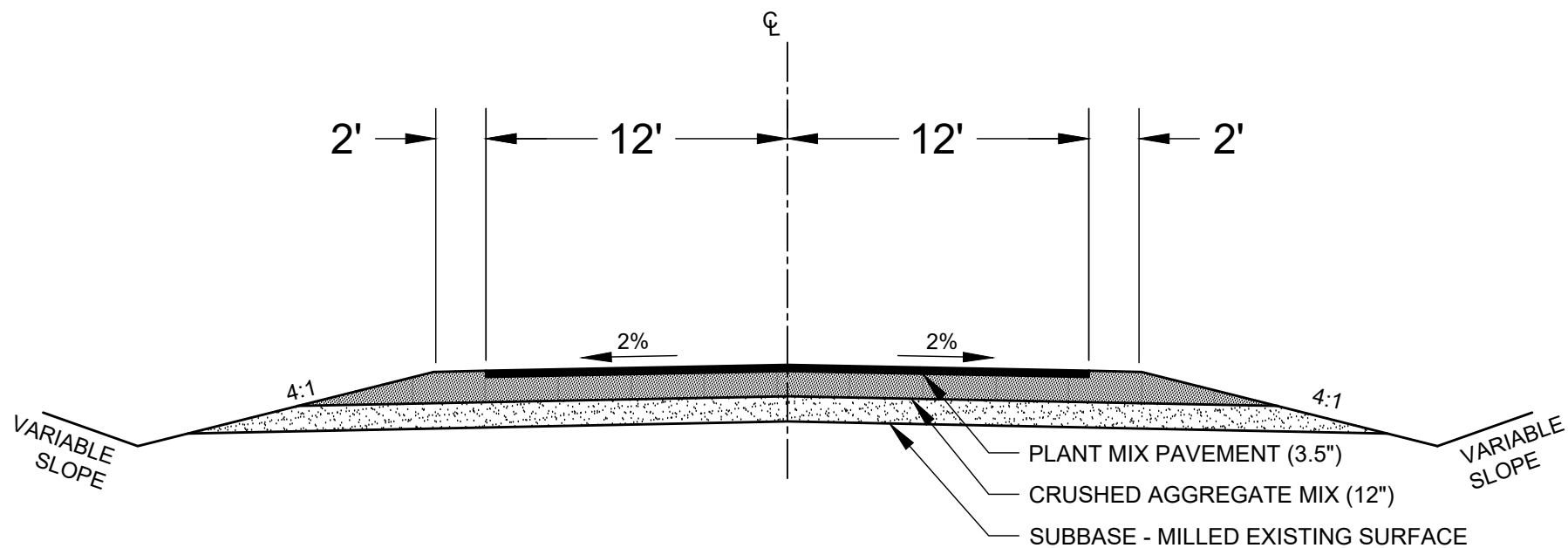
PROJECT  
LOCATION

TO DECLO

TO MALTA

**Raft River Highway District**  
Idahome Road: Hwy 84 to I-84





## IDAHOME ROAD - TYPICAL SECTION

N.T.S.

## Safety, Economic and Mobility Improvement Details

### Instructions:

*For ITD to conduct an accurate benefit cost analysis, ITD needs to fully understand the freight related benefits in terms of economic benefit to the community, improvements to freight mobility and overall safety improvements. Information should include, but not be limited to:*

### Direct Economic Impact:

*The direct economic impact to the community, freight mobility and overall safety improvements to the state. This should demonstrate improvements over current economic conditions and not reflect economic benefits that would occur without the proposed improvements*

West Idahome Road is a 4-mile section of roadway that links SH 81 to I-84. It's primary purpose is to connect the two state-owned roadways for farm-to-market traffic to and from the interstate and farmland west of the interstate.

The largest economic impact that would occur is the detour route. This route is approximately 16 miles long and would increase the freight industry fuel cost by about \$446,000 per year when using this detour route.

Freight mobility and overall safety concerns of the road can be addressed by the construction of this project. The existing roadway surface is constructed with tailings, there is rutting, alligator cracks and potholes throughout this section. As well as soft spots caused by base materials failing in areas along this section of roadway. A reconstruction would help mitigate the safety concerns as well as maintain freight mobility through this area.

### Daily Traffic Volumes:

*Current Daily traffic volumes for both freight and non-freight traffic*

These volumes are from September 2021.

Freight Traffic Count: 124 per day

Non-freight Traffic Count: 132 per day

### Potential Increased Speeds:

*Describe the potential increased speed for freight and non-freight traffic associated with the improvements. This should be in terms of speed increase from current average speeds on the roadway if applicable.*

This project would increase the speed limit from 40 mph to 55 mph.



Idahome Road, Hwy 81 to I-84

**Increased Volume or Capacity (if applicable):**

*If applicable, describe any increased volumes or capacity the project will bring to the state, or if the project will move traffic to other utilized roadways.*

This project may increase the volume along this roadway due to the increased level of service.

**Historical Safety Data:**

*Provide historical safety data; state how the project improves safety on the roadway. Information should include, but not be limited to, crash data over the last five years to include total accidents, accidents involving commercial motor vehicles, fatalities, and significant injuries*

Fortunately, in the past five-years there have only been 2 property damage crashes reported along this section of roadway.

One of the main safety concerns for this section of roadway is flooding as this is within the floodplain for Raft River. This project will raise the roadway and includes 2-foot gravel shoulders with recoverable foreslopes. The flooding that occurred in 2017 of Raft River overtopped 1-mile of this section of roadway.

**NHFN:**

*Identify if the Proposed project is on the NHFN.*

This project is not on the NHFN but the other half of this road on the east side of I-84 is on the NFHN.

*Attachments:*

*None.*

