

Jacobs Station Road

Sponsor County Highway

Project No. 20-000008

Project Type Condition

TOTAL FUNDING

Total	County	Sponsor	Federal	Other
\$2,600,000.00	\$2,600,000.00	\$0.00	\$0.00	\$0.00

Project Description

The project entails widening Jacobs Station Road, flattening vertical curves, and adding turn lanes (where warranted) to improve the safety of a roadway impacted by a number of older and new developments in the area.



Road Board Application

PROJECT INFORMATION

Permit #: RB20-000008 **Project Type:** Condition
Name: Jacobs Station Road
Limits: From Towers Road to Jacobs Landing/Faredale Ln
Lane Miles: 0.53
Federal Functional Classification: Minor Arterial
Anticipated useful life of the proposed improvements (years): 20 **Estimated date of completion:** 12/31/2023

Condition Information

Traffic Volume ADT:	Existing	1669	Future	1750
Pavement Condition Index:	66			

Must score within the bottom 20% of arterial roadways County wide under the pavement condition index.

PROJECT DESCRIPTION

The project entails widening Jacobs Station Road, flattening vertical curves, and adding turn lanes (where warranted) to improve the safety of a roadway impacted by a number of older and new developments in the area.

CONTACT INFORMATION

Sponsoring Agency: St. Charles County Highway Department
Contact Person Name: Chris Bostic
Title:
Telephone Number: 636 949 7305
E-mail Address: cbostic@sccmo.org

SIGNATURE

A handwritten signature in black ink, appearing to read "Chris Bostic".

signature

3/25/2020

date

FUNDING FOR IMPROVEMENTS

	County	Sponsor	Federal	Other	Total
Design	\$250,000.00	\$0.00	\$0.00	\$0.00	\$250,000.00
Utility Relocations	\$100,000.00	\$0.00	\$0.00	\$0.00	\$100,000.00
Right-of-Way	\$150,000.00	\$0.00	\$0.00	\$0.00	\$150,000.00
Construction	\$2,100,000.00	\$0.00	\$0.00	\$0.00	\$2,100,000.00
TOTAL	\$2,600,000.00	\$0.00	\$0.00	\$0.00	\$2,600,000.00
PERCENT (%)	100.00%	0.00%	0.00%	0.00%	100.00%

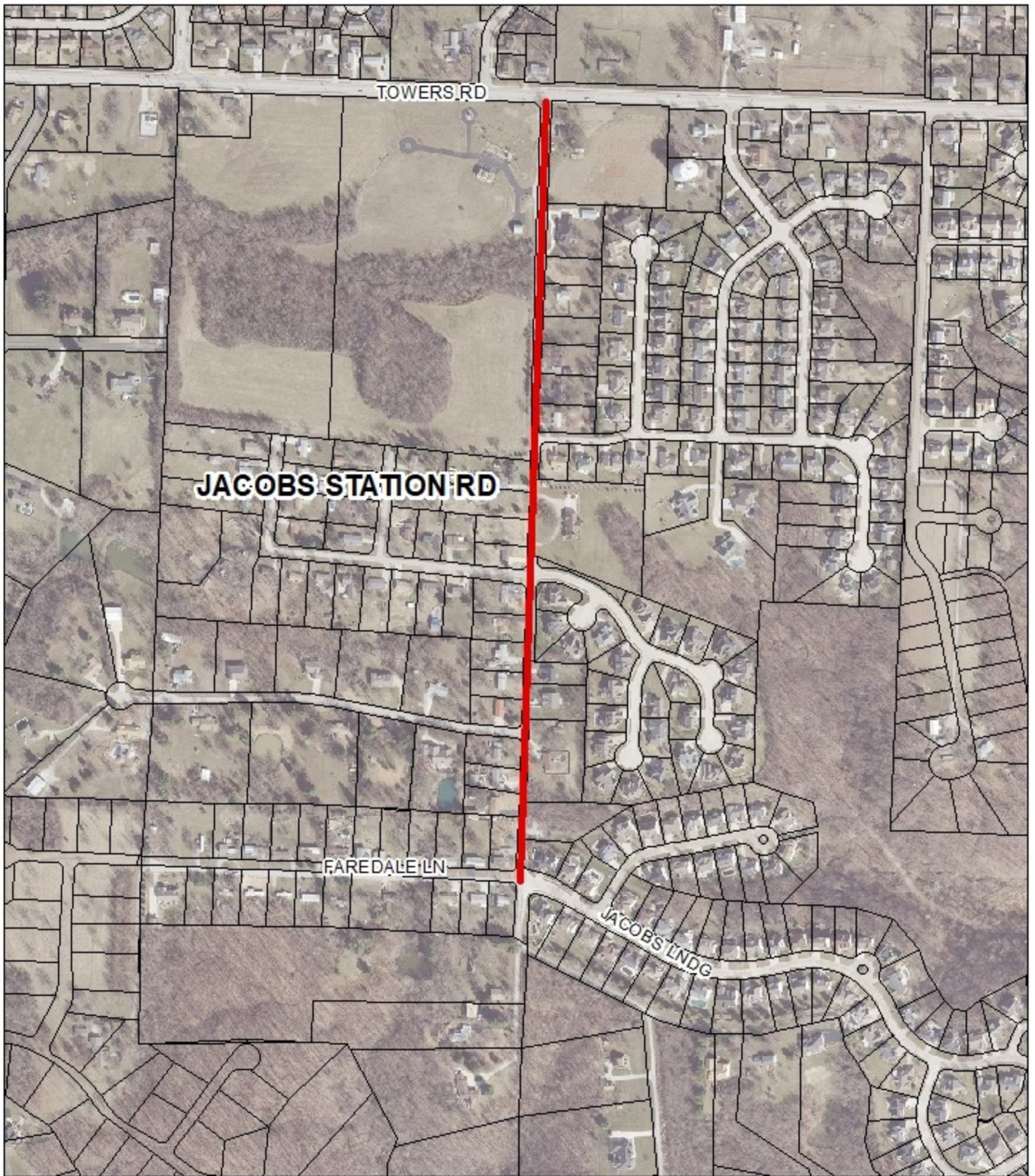
FINANCIAL PLAN

Design	County	Sponsor	Federal	Other	Total
2021	\$250,000.00				\$250,000.00
2022					\$0.00
2023					\$0.00

Utility Relocations	County	Sponsor	Federal	Other	Total
2021					\$0.00
2022					\$0.00
2023	\$100,000.00				\$100,000.00

Right-of-Way	County	Sponsor	Federal	Other	Total
2021					\$0.00
2022	\$150,000.00				\$150,000.00
2023					\$0.00

Construction	County	Sponsor	Federal	Other	Total
2021					\$0.00
2022					\$0.00
2023	\$2,100,000.00				\$2,100,000.00



**ST. CHARLES
COUNTY**
HIGHWAY
DEPARTMENT

JACOBS STATION RD
PROJECT LENGTH:
TOWERS RD TO
FAIRDALE LN: 0.53 MILES


NORTH
NOT TO SCALE

Estimate of Project Costs

Project Sponsor: Saint Charles County Highway Department

Project Title: Jacobs Station

Date: 3/20/2020

Specific Roadway Items

Item	Quantity	Unit	Unit Price	Amount
Clearing and Grubbing	1	Lump Sum	\$ 20,000.00	\$20,000.00
Removal of Improvements	1	Lump Sum	\$ 50,000.00	\$50,000.00
Mobilization	1	Lump Sum	\$ 60,000.00	\$60,000.00
Surveying	1	Lump Sum	\$ 25,000.00	\$25,000.00
Earthwork	25000	Cubic Yards	\$ 12.00	\$300,000.00
Retaining Walls	4000	Square Feet	\$ 25.00	\$100,000.00
4" Aggregate Base	10300	Square Yards	\$ 6.00	\$61,800.00
Pavement: 2-12' lanes, left turn	9700	Square Yards	\$ 45.00	\$436,500.00
Driveways/Side street	1000	Square Yards	\$ 40.00	\$40,000.00
Curb and Gutter	0	Linear Feet	\$ 20.00	\$0.00
Box Culvert	0	Lump Sum	\$ 50,000.00	\$0.00
Enclosed Drainage	1	Lump Sum	\$ 250,000.00	\$250,000.00
Traffic Control	1	Lump Sum	\$ 60,000.00	\$60,000.00
Roundabout/Signal	0	Each	\$ 200,000.00	\$0.00
Erosion Control	1	Lump Sum	\$ 25,000.00	\$25,000.00
Temporary Pavement	1300	Square Yards	\$ 30.00	\$39,000.00
Sodding	6200	Square Yards	\$ 5.00	\$31,000.00
Seeding	2.6	Acres	\$ 4,000.00	\$10,400.00
Pavement Markings	5600	Linear Feet	\$ 1.00	\$5,600.00
				\$0.00
SUBTOTAL:				\$1,514,300.00

Specific Bicycle Items

Item	Quantity	Unit	Unit Price	Amount
				\$0.00
				\$0.00
SUBTOTAL:				\$0.00

Specific Pedestrian Items

Item	Quantity	Unit	Unit Price	Amount
5 Foot Wide Sidewalks	3100	Square Yards	\$ 40.00	\$124,000.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
SUBTOTAL:				\$124,000.00

Specific Transit Items				
Item	Quantity	Unit	Unit Price	Amount
				\$0.00
SUBTOTAL:				\$0.00

Miscellaneous Other Items				
Item	Quantity	Unit	Unit Price	Amount
Utility Relocations	1	Lump Sum	\$100,000.00	\$100,000.00
				\$0.00
				\$0.00
				\$0.00
SUBTOTAL:				\$100,000.00

Construction Cost Total:	\$1,738,300.00
Contingency:	\$347,660.00
Inflation:	\$60,850.00
Preliminary Engineering:	\$250,000.00
Right-of-Way:	\$150,000.00
Construction Engineering/Inspection:	\$50,000.00
Project Total (rounded):	\$2,600,000.00

Jacobs Station Rd

<i>Project Schedule</i>	<i>Start Date (MO/YR)</i>	<i>Finish Date (MO/YR)</i>
Receive Notification of Funding	11/20	11/20
Consultant Selection	12/20	1/21
Award Engineering Services Contract	11/20	1/21
Obtain Environmental Clearances	1/21	5/22
Public Meeting/Hearing	9/21	9/21
Develop and Submit Preliminary Plans	1/21	9/21
Preliminary Plans Approved	10/21	11/21
Develop and Submit Right-of-Way Plans	12/21	3/22
Review and Approval of Right-of-Way Plans	3/22	4/22
Submit and Receive Approval for Notice to Proceed for Right-of-Way Acquisition (A-Date)	4/22	5/22
Right-of-Way Acquisition	5/22	11/22
Utility Coordination	1/21	11/22
Develop and Submit PS&E	7/22	10/22
District Approval of PS&E/Advertise for Bids	11/22	12/22
Submit and Receive Bids for Review and Approval	1/23	2/23
Project Implementation/Construction	3/23	12/23