

North Bethany County Service District for Roads

“Cost-to-Complete” Estimates

Updated May 31, 2023

Springville Road Ph. 4 (Joss Avenue to PCC) complete street

- Improves Springville Road to three vehicle lanes (one lane each way plus center turn lane/median), buffered on-street bicycle lanes, sidewalks, street lighting, a traffic signal at the Springville/Joss intersection, and stormwater and water quality facilities.
- **Total estimated project cost is \$13.9 million** (up from \$12.7 million in March 2022). Increase due to the need to replace rather than extend an existing culvert west of Joss Avenue and ongoing cost escalation.
- \$12.7 million has previously been allocated for this project—\$900,000 in FY 2019-20; \$900,000 in FY 2020-21; \$8.7 million in FY 2021-22; and \$2.2 million in FY 2022-23.
- **An additional funding allocation of \$1.2 million is proposed for FY 2023-24 to complete construction** (\$13.9m total cost – \$12.7m allocated to date = \$1.2m).

Kaiser Road (Springville Road to Ridgeline Drive) complete street

- Cost estimates in the table below assume Washington County will design, acquire right-of-way, and construct the projects.
- **Southern segment (Springville Road to Brugger Road):** \$5.5 million in county funding was allocated in FY 2022-23 for design and construction of this complete street project to improve Kaiser Road to three vehicle lanes (one lane each way plus center turn lane/median), buffered on-street bicycle lanes, sidewalks, street lighting, and stormwater and water quality facilities.
- **Middle segment (Brugger Road to Shackelford Road):** This is a main street area with wider sidewalks and on-street parking. Public funding was allocated for recently-completed interim pedestrian improvements on the west side of Kaiser Road. Development has constructed some improvements and is expected to construct additional improvements in this segment. Costs for this segment will vary significantly depending on extent of developer-constructed improvements.
- **Northern segment (Shackelford Road to Ridgeline Drive):** Development has completed most of the roadway improvements in this segment. No public funding has been allocated for improvements to this segment to date.

(see table on next page)

NBCSDR “Cost to Complete” Estimates

May 31, 2023

Kaiser Road “Cost-to-Complete” Estimate

Segment	Estimated Cost
Southern (Springville Road to Brugger Road) ¹	\$5.5 million
Middle (Brugger Road to Shackelford Road) ^{1,2}	\$8.0-15.0 million
Northern (Shackelford Road to Ridgeline Road)	\$2.0 million
Total “cost-to-complete” estimate	\$15.5-22.5 million

1. The southern and middle segments were jointly identified as project 6 in the original North Bethany Transportation Funding Strategy Project List.
2. Middle segment cost will vary depending on extent of developer-constructed improvements.

NBCSDR “Cost to Complete” Estimates

May 31, 2023

North Bethany Funding Strategy Project List with unfunded cost-to-complete estimates

This table lists the original project segments from the 2011 North Bethany Transportation Funding Strategy, including original cost estimates, provides the current status of each segment and the current estimated unfunded amount that would be needed for Washington County to design and construct those portions of the projects that have not been completed to date.

Project Number	Project Description	Original Estimate (2011)	Project Status (May 2023)	Unfunded Cost-to-Complete Estimate
1	Shackelford (west boundary to Brugger)	\$9.3 M	Complete	N/A
2	Shackelford (Brugger to Kaiser)	\$8.8 M	About 60% complete or under construction	\$9 M
3	Springville Ph. 1, 2 & 4 (185th to Joss)	\$11.1 M	Ph. 1 & 2 are complete Ph. 4 is in design (\$13.9M allocated to date)	\$0
4	Springville Ph. 3 (Joss to Kaiser)	\$3.6 M	Complete	N/A
6	Kaiser (Shackelford to Springville) ¹	\$7.8 M	Southern segment is funded. Portions of middle and northern segments have been/will be completed by development	\$10-17 M ²
7	185th (Springville to West Union)	\$4.5 M	Complete	N/A
9	Shackelford (½ cost of bridge over Rock Creek)	\$7.3 M	Longer-term horizon	\$10 M
10	185th/Springville Intersection	\$0.9 M	Complete	N/A
11	Kaiser (Springville to Bethany)	\$6.1 M	Interim bike lane/sidewalk improvement completed; ultimate improvement not funded	\$10 M
12	Brugger (Joss to Kaiser)	\$3.2 M	About 90% complete; remainder to be built with development	\$0
13	Joss/Brugger (Shackelford to Brugger)	\$4.1 M	About 95% complete; remainder to be built with development	\$0
14	160th Ave/P15 (Springville to Brugger)	\$2.3 M	Complete	N/A
Totals:		\$69.0 M		\$39-46 M

Table Notes:

1. This project extent does not include the portion of Kaiser Road north of future Shackelford Road (the “northern” segment identified in the Kaiser Road cost-to-complete estimate on pages 1 and 2).
2. Costs for this segment will vary depending on extent of developer-constructed improvements.