1-29 Project Programming



I-29

- A. Exit 2 to Exit 4
- B. Exit 4 to Exit 5
- C. Exit 5 to Exit 9
- D. Exit 9 to Project Limits

Cross-Section:

Maintain existing urban 4-lane divided freeway.

Description:

Rehabilitation of pavement along I-29.

- Traffic Operations
- A. 2070 Year of Congestion: B./ C./ D. 2090

 Pavement/Bridgework needed in next 5

• Cost:

A. \$19,900,000-\$29,800,000 B. \$13,500,000-\$20,300,000

years:

C. \$37,200,000-\$55,700,000

D. \$21,500,000-\$32,300,000

NO

330th Street / I-29 Interchange (Exit 9)

Cross-Section:

Maintain existing urban 4-lane divided freeway.

Description:

Modify ramp configurations for safety. Address when pavement on I-29 declines near Exit 9.

2090

NO

TBD

- Traffic Operations Year of Congestion:
- Pavement/Bridgework needed in next 5
- Cost:

Westshore Drive/I-29 Interchange (Exit 5)

Cross-Section:

Maintain existing urban 4-lane divided freeway.

Description:

Rehabilitation of Westshore Drive bridge. New interchange remains as a design alternative.

2090

NO

- Traffic Operations Year of Congestion:
- Pavement/Bridgework needed in next 5
- Cost:

Northshore Drive/I-29 Interchange (Exit 4)

Cross-Section:

Maintain existing urban 4-lane divided freeway.

Description:

Reconstruct interchange to improve traffic flow and safety. Modify ramp configurations and signalize intersections as needed. Remaining interchange improvements include relocation of interchange north.

- Traffic Operations Year of Congestion:
- Pavement/Bridgework needed in next 5
- \$62,000,000-\$88,000,000 Cost:

2035

NO

River Drive in North **Sioux City**

Cross-Section:

Description:

Improve River Drive to support local access needs and enhance connectivity to I-29. Consider intersection modifications for better traffic flow.

- Traffic Operations Year of Congestion:
- Pavement/Bridgework needed in next 5 years:
- Cost:

TBD

I-29 - Exit 1 to Exit 2

Cross-Section:

6-lane divided - Urban Freeway

Description:

Reconstruct and widen I-29 to accommodate projected traffic volumes.

Improve pavement conditions and address operational deficiencies by adding auxiliary lanes.

2075

YES

\$18,400,000-\$27,600,000

- Traffic Operations Year of Congestion:
- Pavement/Bridgework needed in next 5

105

Cost:

I-29 - Big Sioux River **Bridges**

Cross-Section:

6-lane divided - Urban Freeway

Description:

Reconstruct and widen Big Sioux River Bridges to improve structural capacity and accommodate future traffic needs.

- Traffic Operations Year of Congestion:
- Pavement/Bridgework needed in next 5
- \$18,400,000-\$27,600,000 Bridge Cost:
- Total Cost:

\$39,100,000-\$58,600,000

2035

YES

ver Rd

Northshore Drive in North **Sioux City**

Description:

Improve Northshore Drive to support local access needs and enhance connectivity to I-29. Consider intersection modifications for better traffic flow.

Note: The Northshore Bypass Project is also included for updates in this area.

Cross-Section:

Collector/Arterial to I-29 Freeway

- Traffic Operations Year of Congestion:
- Pavement/Bridgework needed in next 5 years:
- \$22,000,000 \$25,000,000 • Cost: (Cost of Northshore Bypass Project, not part of this study)

2035

River Drive / I-29 Interchange (Exit 2)

Description:

Reconstruct interchange to improve traffic flow and safety. Modify ramp configurations and signalize intersections as needed. Improvements for interchange area include improvements to North Derby Lane.

Cross-Section: 6-lane divided - Urban Freeway

B

 Traffic Operations Year of Congestion:

- Pavement/Bridgework needed in next 5
- years: \$13,000,000-\$45,000,000 • Cost:

2030

Dakota Dunes Blvd / I-29 Interchange (Exit 1)

Description:

Reconstruct interchange to improve traffic flow and safety. Modify ramp configurations and signalize intersections as needed.

Cross-Section:

6-lane divided - Urban Freeway

- Traffic Operations
- Year of Congestion:
- Pavement/Bridgework needed in next 5
- years: • Cost:
- NO \$37,000,000-\$59,000,000

2023

Big Sioux River Bridges





Exit 1 Dakota Dunes Boulevard





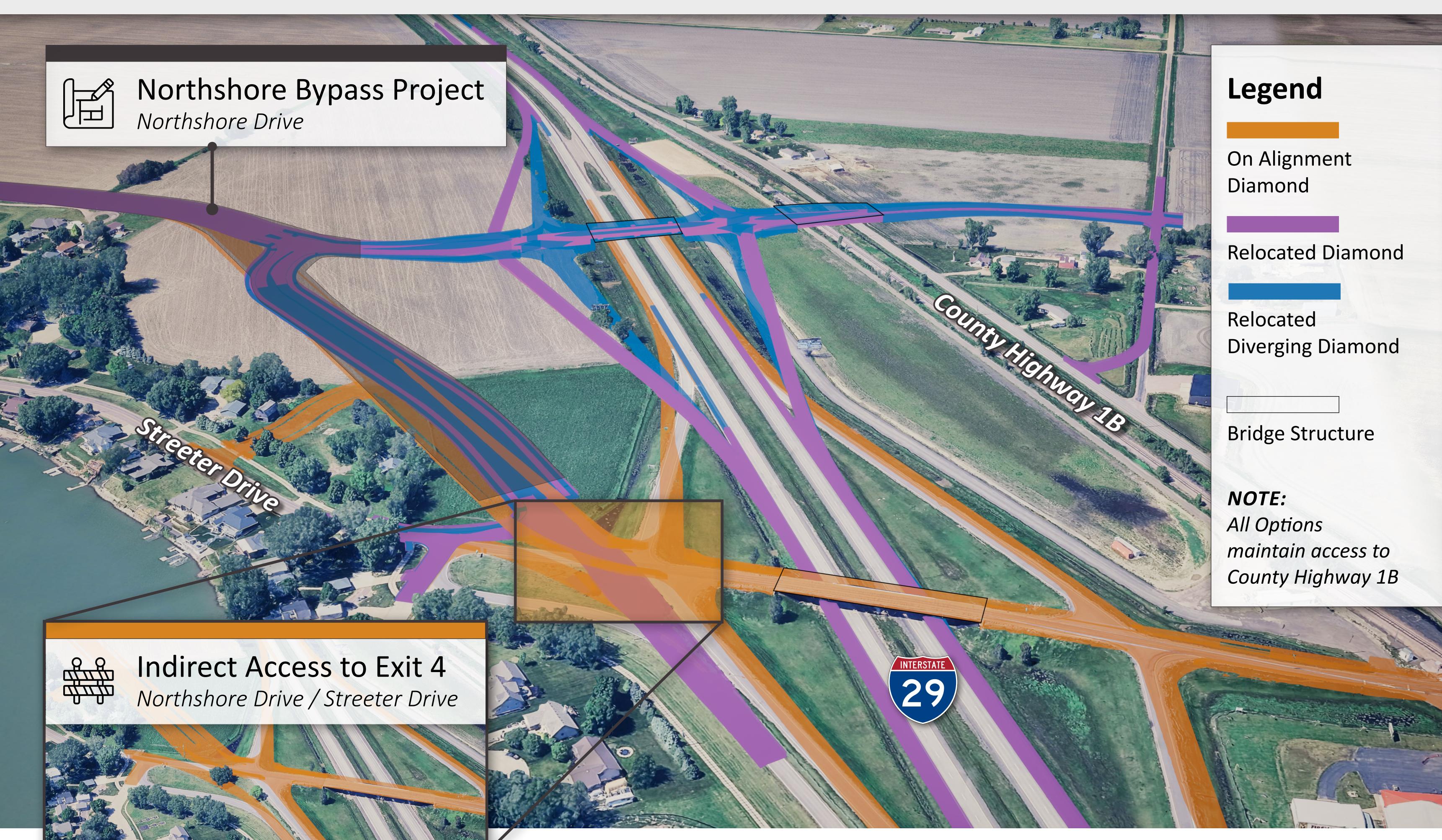
Exit 2 River Drive





Exit 4 TBD





Study Website





Scan this QR code to visit the project website and view the PowerPoint online

https://i29corridorsd.com/