

PROJECT SUMMARY

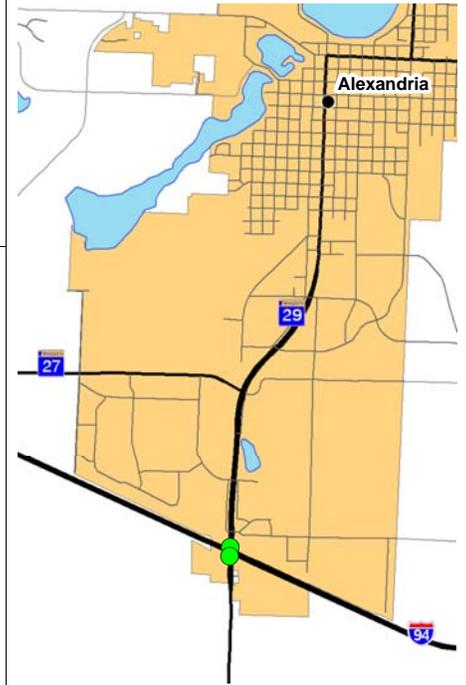
Hwy 29

50th Avenue in Alexandria to County Road 28

Bridge 21813, 21814

State Project No. 2102-58

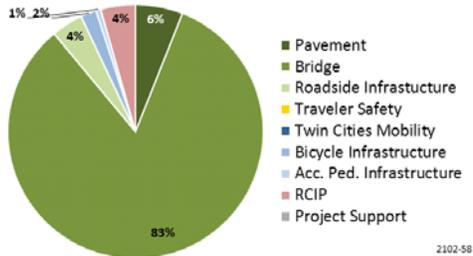
<http://www.dot.state.mn.us/d4/projects/alexi94hwy29/index.html>



Primary Purpose:

Performance-based Need: Bridge Condition

Investment Category:



Project Description:

The project will replace Bridges 21813 and 21814, which are part of the interchange in Alexandria for 2 miles on Hwy 29 over I-94. The project will replace the interchange and construct a four-lane expansion of Hwy 29 from 500 feet north of 50th Ave. to 0.4 miles south of County Road 28. This project is being done in collaboration with the city and county. A roundabout will be constructed on the south end of the project to improve safety.

Recent Changes and Updates

Construction started July 2015 and will finish fall 2016.

Project History:

The bridges were built in 1965 and are considered Structurally Deficient. The width and railings on the bridges are substandard. A value engineering study is complete. Bridges 21813 and 21814 are part of Chapter 152.

This project will help economic development, mobility and safety. Geometric layout was complete and signed. The right of way acquisition has begun. Design plans are 50 percent complete. Traffic and noise studies are complete. Website is live. Public meeting in October 2012.

90% of the project plans were completed in August 2014. Increased cost for consultant design and required right of way resulted in an increase in the cost estimate.

Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2012

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 16.2	\$ 14.9
Other Construction Elements:	\$ 1.1	\$ 1.2
Engineering:	\$ 3.0	\$ 3.3
Right of Way:	\$ 0.1	\$ 2.0
Total:	\$ 20.5	\$ 21.4

Construction cost estimates are adjusted to the mid-year of construction, using inflation rates provided by OTSM.

Key Cost Estimate Assumptions:

Job has been let and awarded and is being constructed. The current estimate reflects low bid amount for the project. Two-span steel girder structure with tall abutments. Bituminous typical section assumed. Right of way process will be tight.

Project Risks:

Utility impacts currently being resolved with Magellan Gas Company dealing with major distribution line. Access changes not accepted by property owners. 50th Ave staging requires additional public involvement and acceptance. FHWA reviews may require additional documentation. Geotechnical issues such as high groundwater could affect construction.

Schedule:

Environmental Approval Date: Not needed
 Municipal Consent Approval Date: 05/28/2013
 Geometric Layout Approval Date: 9/6/2013
 Construction Limits Established Date: 09/06/2013
 Original Letting Date: 01/22/2016
 Current Letting Date: 02/27/2015
 Construction Season: 2015/2016
 Estimated Substantial Completion: Sept. 2016



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Project Manager: Bradley Cegla

Revised Date: 12/15/2015