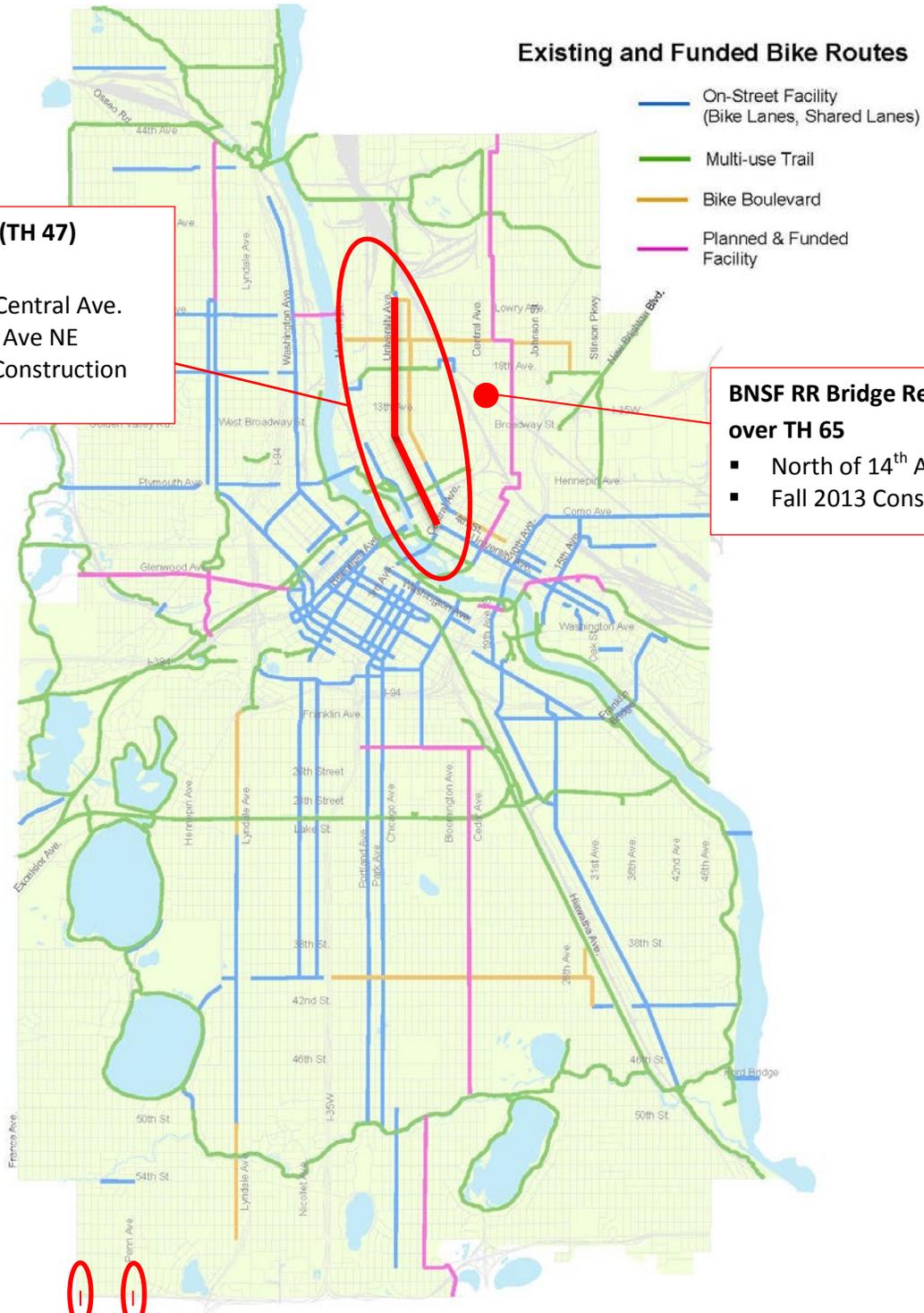


MnDOT 2013 Construction Project Locations in relation to City of Minneapolis' Existing and Funded Bicycle Network



**University Avenue (TH 47)
Mill and Overlay**

- Project Limits: Central Ave. (TH 65) to 27th Ave NE
- Summer 2013 Construction

**BNSF RR Bridge Replacement
over TH 65**

- North of 14th Ave NE
- Fall 2013 Construction

Penn and Xerxes Bridges

- Bridge deck replacement over TH 62
- Summer 2013 Construction

MnDOT 2013 Project Summary: Minneapolis BAC Engineering Subcommittee April 17, 2013

MnDOT currently has 3 projects for the 2013 construction season in Minneapolis:

- University Avenue/TH 47 Mill and Overlay
- Penn Avenue and Xerxes Avenue Bridge Redecking over TH 62
- RR Bridge replacement over Central/TH 65

All three projects are in the early stage of design and specific proposals for bicycle provisions have not yet been identified or vetted. Below is a summary of each project context and possible opportunities for bicycle and pedestrian improvements.

Project Summary

	University/TH 47 Mill and Overlay	Penn/Xerxes Bridges over TH 62	RR Bridge @ Central/TH 65
Scope	4" Mill and Overlay and ADA improvements	Replace Bridge Decks	Replace RR Bridge over TH 65
Est. Construction Date	Summer 2013	Summer 2013	Fall 2013
Existing and Planned Bicycle Context	<ul style="list-style-type: none"> • Minneapolis Bike Plan identifies 2 blocks of project area (from 1st to Central) as a planned on-street bike route • Bike lanes exist on University southeast of project limits • There is an existing parallel Bicycle Boulevard two blocks to the east of the corridor (along 5th Street NE) for much of the project limits. • 18th Avenue NE bikeway crosses University at grade with yellow flashing beacon and high visibility crosswalk markings 	<ul style="list-style-type: none"> • Existing bridges have 5' sidewalks on each side and no on-street bicycle facilities or shoulders • City's recent proposal (not yet confirmed) for Penn Avenue reconstruction identifies Morgan Ave. (3 blocks east) as the preferred bike route north of 62. • BAC's recommendation for Penn reconstruction requests a 10' wide sidewalk on east side of bridge. • Richfield has existing and proposed on-street bike routes to the south and east of Penn. • City of Edina identifies Xerxes as a "secondary route" in its bike plan. 	<ul style="list-style-type: none"> • Central/TH 65 will have a combination of bike lanes and sharrows at location of RR bridge. • Current bridge piers create a pinch point on the corridor.

<p>Potential for Bicycle/Pedestrian Improvements</p>	<ul style="list-style-type: none"> • MnDOT is exploring the options for on-street bike facilities between Central /TH 65 and 1st • MnDOT has ordered detailed survey data to determine roadway width along the corridor to inform decisions about on-street bike facilities. Based on field observations, it is believed that existing lanes are 11’. • ADA upgrades will be included in partnership with the City. 	<ul style="list-style-type: none"> • MnDOT’s bridge office has identified the possibility to widen the bridge by 1’ on each side to improve ped/bike facilities. • Narrowing travel lanes to 11’ also provides an opportunity to increase space for peds/bikes • Penn/Xerxes have same geometry as Portland Avenue Bridge over 62, which was recently redecked with 11’ travel lanes and 8’ sidewalks on each side. 	<ul style="list-style-type: none"> • Bridge pier configuration is being explored to improve width under bridge
<p>Additional Questions/Information to be gathered</p>	<ul style="list-style-type: none"> • Acquire survey data for existing roadway cross section • City/BAC preference for on-street bike facilities once cross section is identified 	<ul style="list-style-type: none"> • Finalization of Penn Ave./Morgan St. Bikeway Plans • Coordination with Cities of Minneapolis, Edina, Richfield • Confirm maximum cross section and potential options for ped/bike accommodations • City/BAC/PAC preferred allocation of space for peds/bikes 	<ul style="list-style-type: none"> • Additional coordination with City and BNSF RR to determine final layout