

Wiley Middle School Addition

Design & Construction Schedule and Phasing

Wiley Middle School Project Phasing Plan

- ▶ Mechanical system design - 4 to 7 months
- ▶ Design of Wiley addition - 8 to 10 months
- ▶ Relocate boiler before demolition occurs (est. cost to be \$800,000 to \$1 million for boiler relocation)
- ▶ Demolition of gymnasium occurs before Wiley construction start

OPTION 1

Construction per 2016 Bond Plan

- ▶ Design and permitting for Wiley addition Mar 2019-Feb 2020
- ▶ Remove boiler and provide alternative heat source May 2020-Sep 2020
- ▶ Demolish Wiley gym and construct new addition July 2020-Feb 2022
- ▶ Occupy new Wiley gym / addition Spring 2022

OPTION 2a

Accelerated Construction Schedule (no added cost option)

- ▶ Design and permitting for Wiley addition Feb 2019-Oct 2019
- ▶ Construct / Install new alternative heat source Oct 2019-May 2020
- ▶ Demolish Wiley gym/boiler and construct new addition Jun 2020-Dec 2021
- ▶ Occupy new Wiley gym/addition Spring 2022

OPTION 2b

Accelerated Construction Schedule (added cost option)

- ▶ Design and permitting for Wiley addition Feb 2019-Oct 2019
- ▶ Install temporary boiler (\$325,000.00) Oct 2019
- ▶ Demolish Wiley gym and construct new addition Nov 2019-Jun 2021
- ▶ Occupy new Wiley gym/addition Summer 2021

OPTION 3

Accelerated Demolition Schedule; Original Construction Schedule (with added cost)

- ▶ Design of existing Boiler Room shoring Feb 2019-Jul 2019
- ▶ Install shoring and weather proof Boiler Room Jul 2019-Sep 2019
- ▶ Demolish Wiley gym (with Boiler Room remaining) Oct 2019-Dec 2019

- ▶ Design and permitting for Wiley addition Feb 2019-Jan 2020
- ▶ Demolish Boiler Room and construct new addition Jul 2020-Apr 2022
- ▶ Occupy new Wiley gym/addition Jun 2022

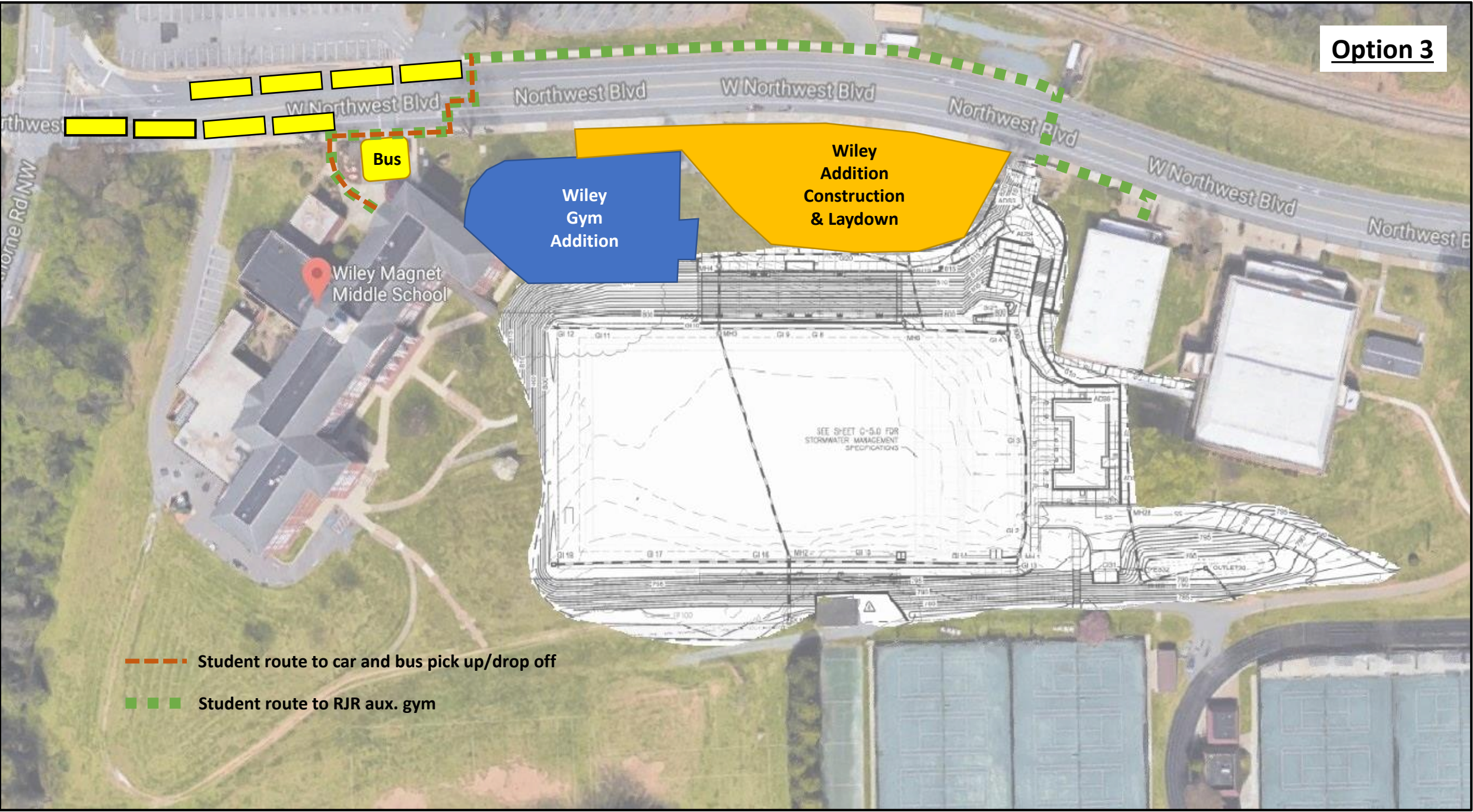


Options 1, 2a & 2b



- Student route to car pick up/ drop off
- Student route to RJR aux. gym
- Student route to Wiley bus parking








Option 3



--- Student route to car and bus pick up/drop off

--- Student route to RJR aux. gym

Wiley MS Gymnasium & Classroom Addition		2019												2020												2021												2022																
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Option 1																																																						
Construction per 2016 Bond Plan																																																						
Analyze & design mechanical system	8																																																					
Remove boiler & provide alternative heat source	5																																																					
Demolish Wiley gymnasium	2																																																					
Design & permitting new addition	11																																																					
Construct new addition	18																																																					
Occupy new addition	3																																																					
Option 2a																																																						
Accelerated Construction Schedule (no added cost)																																																						
Analyze & design mechanical system	7																																																					
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Design & permitting new addition	10																																																					
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Accelerated Construction Schedule (added cost)																																																						
Analyze & design mechanical system	8																																																					
Remove boiler & provide alternative heat source (install temporary boiler)	2																																																					
Demolish Wiley gymnasium	2																																																					
Design & permitting new addition	9																																																					
Construct new addition	18																																																					
Occupy new addition	3																																																					
Option 3																																																						
Accelerated Demolition Schedule; Original Construction Schedule																																																						
Analyze & design mechanical system - Boiler Room shoring	8																																																					
Remove boiler & provide alternative heat source	0																																																					
Demolish Wiley gymnasium	3																																																					
Design & permitting new addition	12																																																					
Construct new addition	22																																																					
Occupy new addition	3																																																					

Analyze & design mechanical system	
Remove boiler & provide alternative heat source	
Demolish Wiley gymnasium	
Design & permitting new addition	
Construct new addition	
Occupy new addition	
Start of school year	

Wiley Middle School Addition

	Gym Demo Complete	New Construction Start	Occupy New Construction	School Months of Aux. Gym Use	Estimated Additional Cost	Anticipated fund balance at Phase III sale	Impact to available bond cash (at Phase III sale)	Sequencing comments
Option 1 Construction per 2016 Bond Plan	Aug 2020	Sep 2020	May 2022	20	\$0.00	\$4.5 mil	None	
Option 2a Accelerated Construction Schedule (no added cost)	Jun 2020	Jul 2020	Mar 2022	18	\$0.00	\$4.5 mil	None	Project completion occurs 2 months sooner than Bond plan
Option 2b Accelerated Construction Schedule (added cost)	Dec 2019	Dec 2019	Aug 2021	18	\$325,000.00	\$3.1 mil	\$1.4 mil less	Added cost for temporary boiler
Option 3 Accelerated Demo Schedule; Original Construction Schedule	Dec 2019	Jul 2020	Aug 2022	28	\$600,000.00	\$3.9 mil	\$600,000 less	Construction duration and staging costs increase. Bus lot and/or NW Blvd will be for construction use