



The Economic Impact of Blackhawk Technical College's Public Safety Transportation Center

FACT SHEET

THIS analysis quantifies the economic impacts from Blackhawk Technical College's (BTC's) Public Safety Transportation Center (PSTC) in the BTC District.* Short-run capital spending for the PSTC will amount to \$32 million from FY 2021 to FY 2023. The center will enhance student activities and provide valuable services that will improve the college's amenities, ultimately improving student experience, and through those students, the economy at large. After the PSTC's construction, the newly added capacities will generate benefits for the BTC District through FY 2030, the final year of this analysis.

SHORT-RUN CAPITAL SPENDING IMPACTS

- As the initial \$32 million capital investment is spent to construct the PSTC from FY 2021 to FY 2023, it will create a significant amount of new economic activity that will ripple throughout the BTC District.
- This new economic activity will amount to a present value of **\$16.2 million** in total added income for the BTC District economy.

LONG-RUN OPERATIONS SPENDING IMPACTS

- As the PSTC becomes operational, it will begin to utilize its newly added capacities. For example, many faculty and staff will transition to the center. The operations spending impacts will begin in FY 2022.
- From FY 2022 to FY 2030, the operations spending resulting from the PSTC will create a present value of **\$13.1 million** in total added income for the district's economy.

LONG-RUN STUDENT SPENDING IMPACTS

- Beginning in FY 2022, the center will enhance student activities and provide valuable services to improve the training in public safety and transportation programs. Students from the BTC District may leave the district if not for these programs at BTC. Other students will relocate from outside the district. The money that these retained and relocated students will spend toward living expenses in the BTC District is attributable to the PSTC.
- From FY 2022 to FY 2030, this spending will create a present value of **\$6.8 million** in total added income for the BTC District economy.

PRESENT VALUE IMPACTS,
FY 2021 TO FY 2030



\$16.2 million
Short-run capital
spending impact



\$13.1 million
Long-run operations
spending impact



\$6.8 million
Long-run student
spending impact



\$47.2 million
Long-run alumni impact

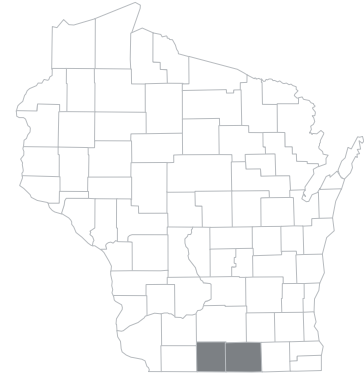
\$83.3 million
TOTAL IMPACT

* For the purposes of this study, the BTC District is comprised of Rock and Green Counties.



LONG-RUN ALUMNI IMPACTS

- The added capacities created by the PSTC will help BTC respond to the demands of a growing economy and student population. The first students trained at the center will enter the workforce in FY 2022. This analysis is capped at FY 2030; however, the number of alumni trained as a result of the PSTC will continue to grow long after.
- The added earnings and increased productivity of these students will create long-run impacts across the district's economy. From FY 2022 to FY 2030, these alumni will generate a present value of **\$47.2 million** in total added income.



THE BTC DISTRICT

TOTAL IMPACT

- From FY 2021 to FY 2030, the present value of short- and long-run impacts created by the PSTC will provide a total economic impact of **\$83.3 million** in total added income for the BTC District economy.
- The total annual impact from the long-run operations and student spending, as well as alumni, from the PSTC will be at least **\$15.4 million** in total added income for the BTC District after FY 2030. This is equivalent to supporting **234 jobs** every year.

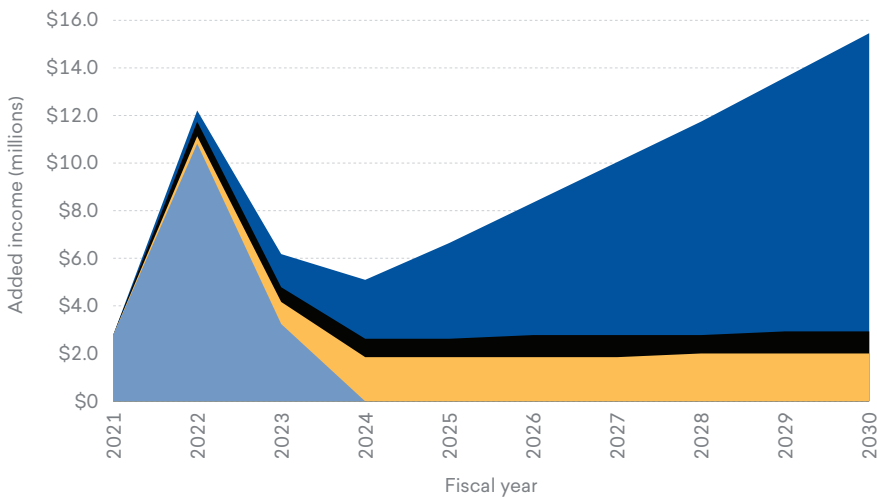
Implicit multiplier

The implicit multiplier is the present value of added income divided by initial spending on the PSTC. From FY 2021 to FY 2030, every dollar of the \$32 million in funding of the PSTC's initial capital investment will create a present value of **\$2.61** in added income throughout the BTC District.

Payback period

By FY 2026, **5.2 years** after construction begins, it is expected that the impacts generated by the PSTC will have grown significantly enough to recover the costs of not only the initial capital investment, but the annual costs of keeping the PSTC operational.

TOTAL IMPACT FROM FY 2021 TO FY 2030, UNDISCOUNTED



- Alumni
- Student spending
- Operations spending
- Short-run capital spending

NET CASH FLOW FROM FY 2021 TO FY 2030

