

Department of Planning and Budget 2020 Fiscal Impact Statement

1. Bill Number: SB945

House of Origin ☒ Introduced ☐ Substitute ☐ Engrossed
Second House ☐ In Committee ☐ Substitute ☐ Enrolled

2. Patron: Chase

3. Committee: General Laws and Technology

4. Title: Department of General Services; Division of Support Services; parking facilities; cell phone service.

5. Summary: Requires the Division of Support Services within the Department of General Services to install and maintain industrial cell phone signal boosters, defined in the bill, in any parking facility for officers and employees of the Commonwealth.

6. Budget Amendment Necessary: Yes.

7. Fiscal Impact Estimates: Preliminary, see Item 8.

7a. Expenditure Impact:

<i>Fiscal Year</i>	<i>Dollars</i>	<i>Fund</i>
2020	\$0	
2021	Approximately \$2,200,000	General
2022	\$0	
2023	\$0	
2024	\$0	
2025	\$0	
2026	\$0	

8. Fiscal Implications: There are currently 14 parking deck structures in the Richmond area, with another to be constructed by the end of calendar year 2021. The Department of General Services (DGS) indicates that due to the nature of parking deck designs, materials, and construction, multiple cell phone signal boosters may be needed per parking deck and installation will be more expensive compared to a standard office building due to the need to use conduits or outdoor rated cabling. Multiple boosters may also be needed depending on the number of cell phone carriers that need to be accommodated.

DGS research indicates that an industry rule of thumb for cell phone signal booster purchase and installation is approximately \$0.70 per square foot. The current and soon to be constructed decks will have square footage of approximately 2.8 million. Multiplying this square footage by the \$0.70 estimate yields a cost of just under \$2.0 million. DGS may need additional funding to accommodate any unforeseen problems that arise during the

installation. DGS also indicates that due to rapid changes in cell phone technology, the signal boosters may need to be replaced in five to ten years.

9. Specific Agency or Political Subdivisions Affected: Department of General Services

10. Technical Amendment Necessary: No.

11. Other Comments: For reference, DGS indicates that the Virginia College Savings Plan (Virginia529) installed cell phone signal extenders in the agency's 44,000 square foot building two years ago for a cost of \$35,000 (or approximately \$0.79 per square foot).

Date: January 22, 2020

File: SB945