

Monitoring Highway Capital Plan Semi Annual Update

March 19, 2025



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Capital Plan Delivery Measures

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Completeness

- Annual Advertising plan – % projects of original plan delivered

Timeliness

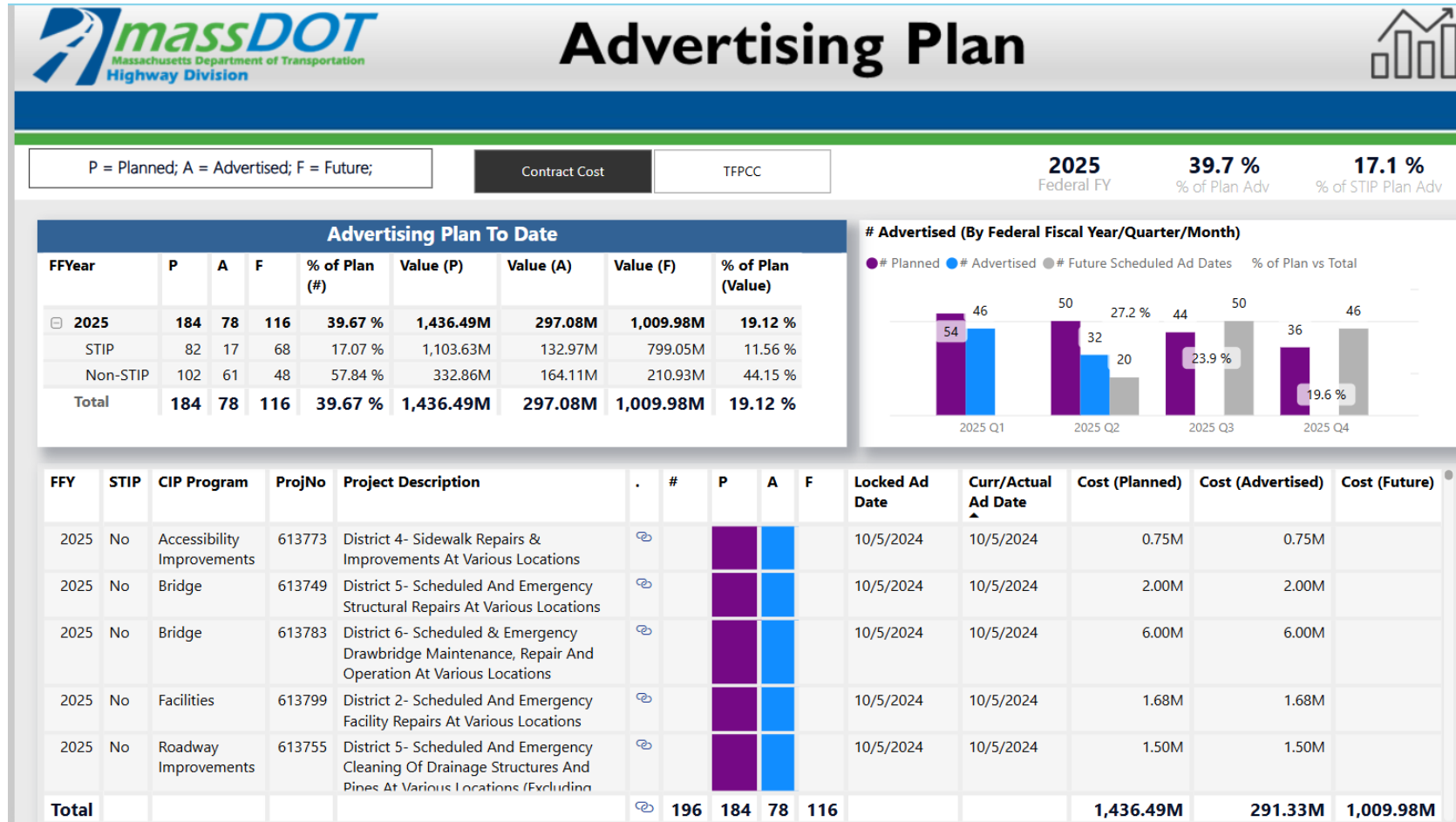
- % projects advertised within 30 days
- % projects procured with target (duration of advertisement – notice to proceed)

Accuracy

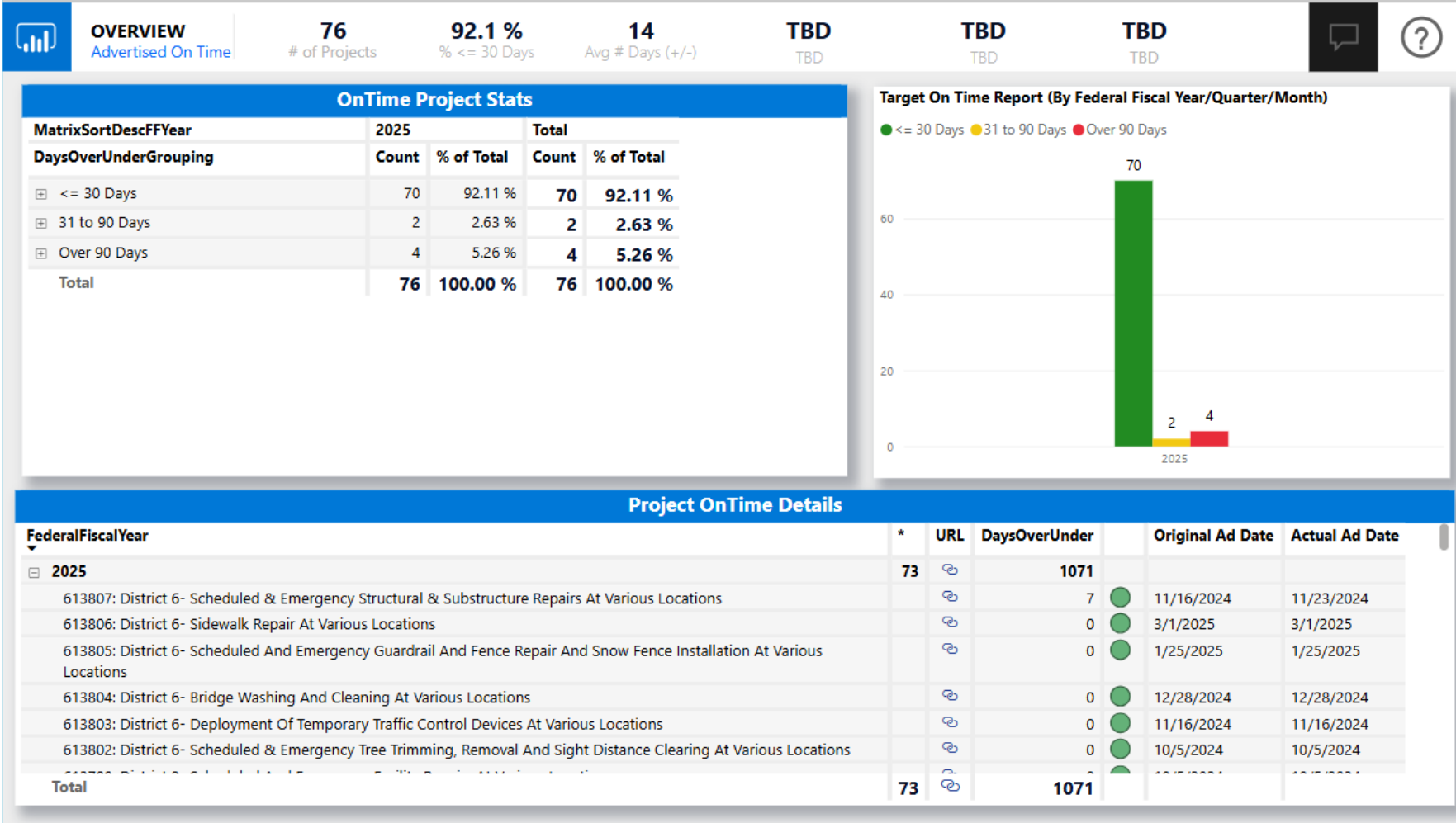
- Comparison of office estimate to awarded bid

Plan Completeness

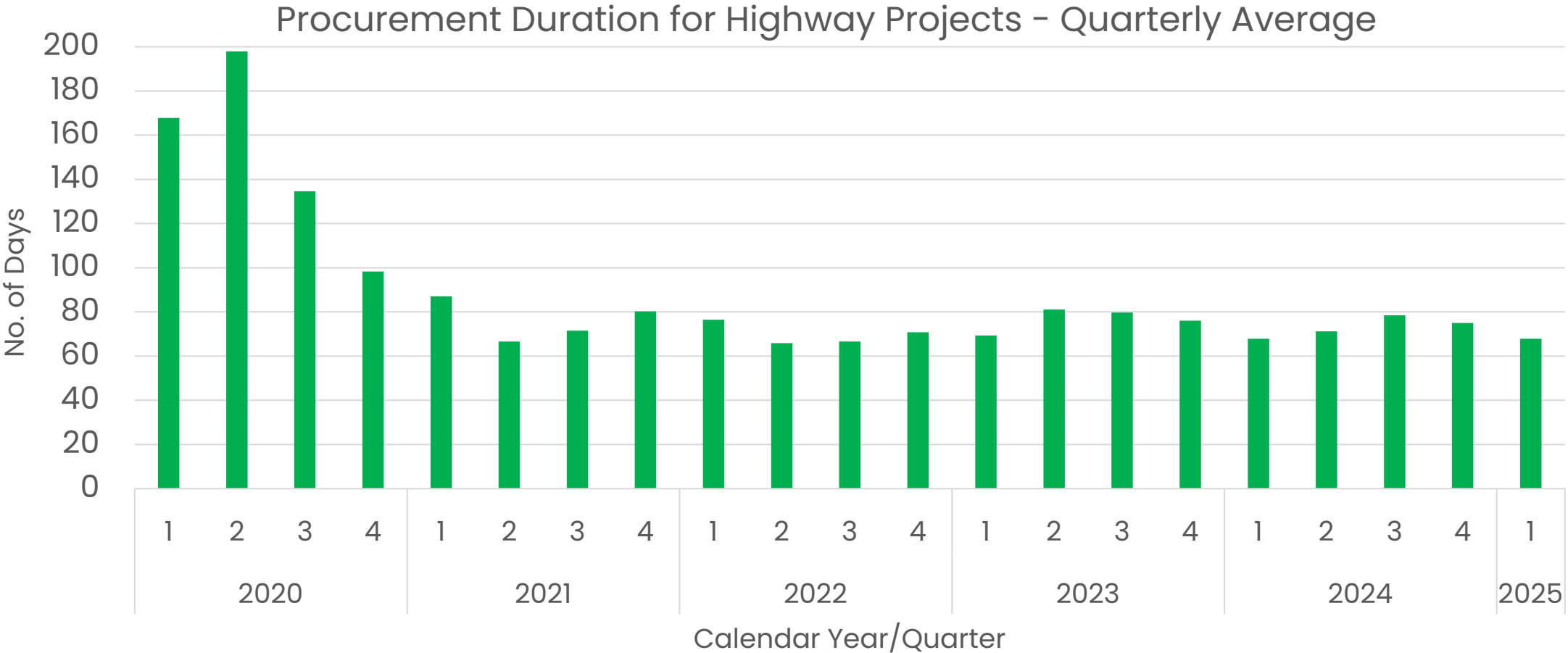
4



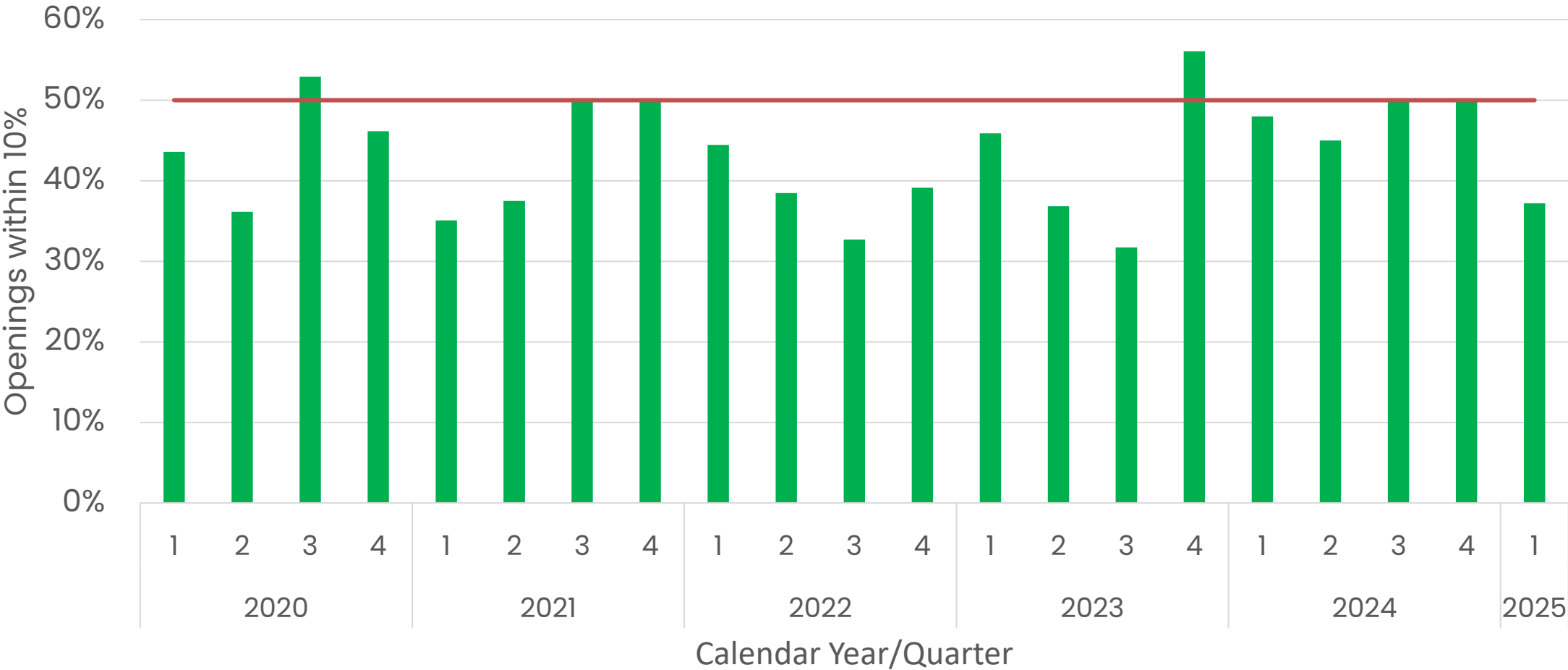
Timeliness – Advertisement



Timeliness – Procurement



Accuracy – bid opening results



Bid openings –summary

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Full Program

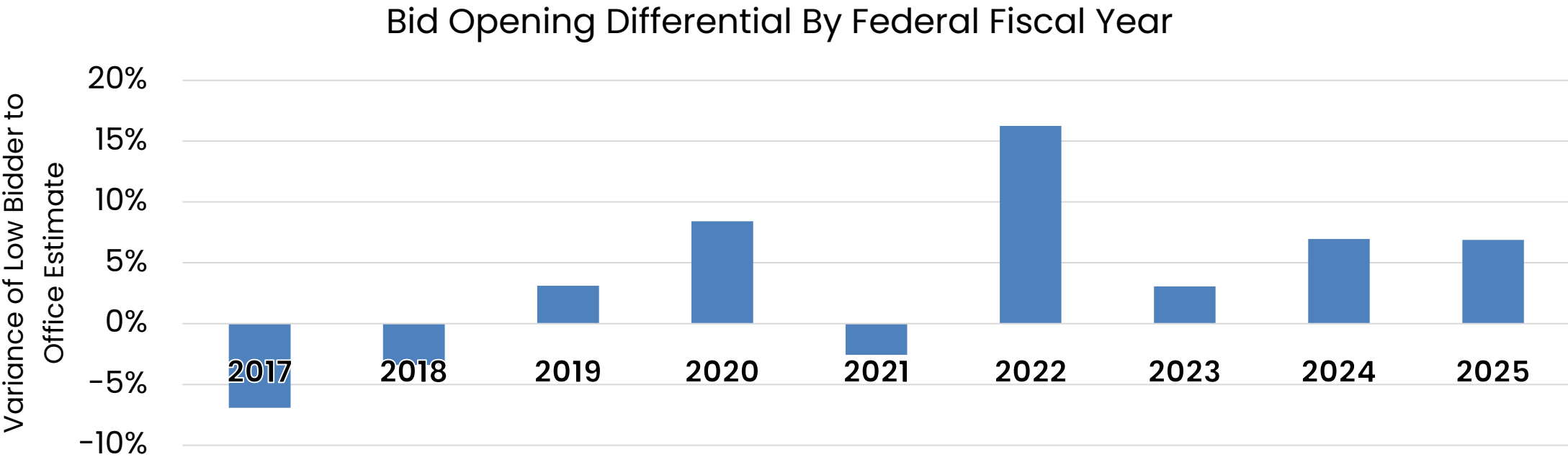
SFY	# bid Openings	Total bids	Total Estimate	Bid/est
2024	197	\$1,266,552,106	\$1,224,750,099	103%
2025 (to-date)	138	\$1,967,299,942	\$1,845,377,115	107%

Board Threshold

SFY	# bid Openings	Total bids	Total Estimate	Bid/est
2024	19	\$ 666,574,272.21	\$ 641,143,612.69	104%
2025 (to-date)	21	\$ 1,545,763,083.22	\$ 1,436,026,363.16	108%

SYF – State Fiscal Year

Bid Opening Performance



This chart compares total value of engineer estimates to low bids on federal fiscal year basis, for federal projects and reflects bid openings through 2/25/25

Managing Bid Differential

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- MassDOT programs a set-aside for bid opening differentials within each year of the STIP, this value is typically 4% of available budget
- As part of the annual planning cycle, all project budgets are refreshed (including awarded within the previous year) and are then used to develop the subsequent constrained capital plan

Questions from Capital Program Committee

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Q. Why is the division's goal for bid accuracy 50% of total contracts rather than 100% of contracts?

A: The "50% within 10%" target was identified through analysis of historical data and identified to be an achievable target to gauge performance

Q. Did you look at what other states do to track their performance measures on project delivery?

A: Yes, project delivery is a common topic with peer DOTs in a variety of forums. Most recently, MassDOT participated in a project delivery workshop at the TRB 2025 annual meeting

Q. Can the committee expect a year-end review of the program on lessons learned and how the team is implementing that in the estimates?

A: Yes, we would be happy to present a retrospective on annual performance.

Thank You

