

Construction Projects On Time

Construction Projects On-Time: The percentage of state administered projects that have satisfactorily completed all on-site work within 90 days of the last baselined contract completion date

Our strategy

ODOT’s goal is that construction projects satisfactorily complete all on-site work within 90 days of the final completion date listed in their contracts. We achieve this through effective schedule development, contract and risk management throughout the life of the project.

ODOT categorizes contract change orders (CCO) that affect project schedules into different types, allowing us to tell if a given change is avoidable, unanticipated, or elective. By reporting on the frequency of and reasons for different CCO types, ODOT can provide greater transparency of its change management practices and take

actions to reduce the number of avoidable construction change orders—the primary reason for late projects.

About the target

We set a target of completing 80% of our construction projects on-time. This percentage is consistent with our peer DOTs; however, we will revise it as our capability to reduce avoidable contract changes increases.

Our performance and how we compare

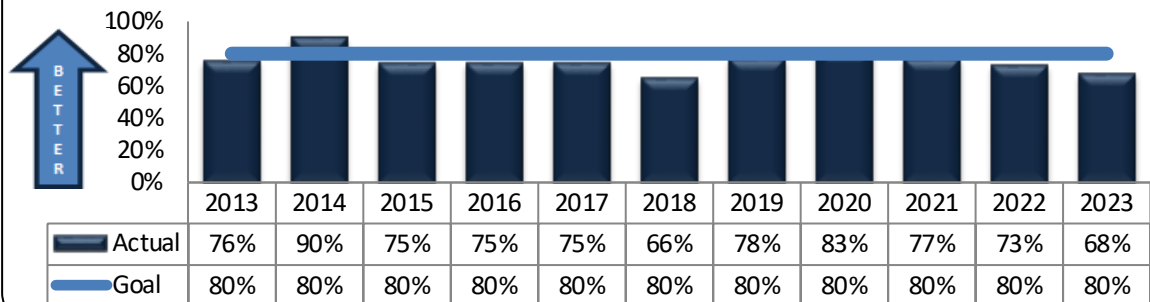
For state fiscal year 2023 (July 1, 2022 – June 30, 2023), performance is at 68% of

construction projects delivered on-time, 12% below the target of 80%. 9 projects were re-baselined for time (9 of 59 late projects). These re-baselined projects raised overall 2023 performance from 63% to 68%.

ODOT’s construction on-time measure is consistent with peer DOTs and accounts for contract completion dates *re-baselining* for on-time measurement with justification as outlined below.

Any project on-time measure must have an end date to compare the actual completion date against; this is referred to here as the baseline contract completion date. ODOT

Construction Projects On-Time - Percentage of projects that have satisfactorily completed all on-site work within 90 days of the baselined last contract completion date



Fact

Since 2010, performance has fluctuated around an average of 75% of projects on-time. No trends are evident at this yearly level view.

Construction Projects On-Time, cont.

construction projects have two options for a baseline end date: the original contract completion date or a modified contract completion date reflecting changes to the construction contract.

For most projects, the original contract completion date is used to determine on-time performance; however, there are circumstances as described below, where ODOT would use a re-baselined end date.



Factors affecting results and what needs to be done

Many factors can affect the on-time performance of construction projects. There are elective actions taken by ODOT that can extend or compress project schedules as well as unanticipated events, beyond the control of project managers, that can occur and to which we must react. There are also avoidable issues—such as errors or defects in a project’s design—that can impact the schedule.

For the on-time measure, circumstances allowing the contract completion date to be re-baselined include:

- Elective expansion of project scope by ODOT.
- New requirements or interpretations from regulatory agencies, including FHWA, affecting project schedules.
- Unanticipated delays due to natural events such as weather or emergencies.

Circumstances that would not allow for re-baselining the schedule include:

- Errors in plans, specifications, and/or design.
- Unacceptable traffic impacts.
- Construction engineering errors.
- Poor schedule management.

About the measure

When projects are awarded to a contractor, the construction contract may specify more than one contract completion date for different phases of the project also known as interim completion dates. The last original contract completion date is the default baseline contract completion date used in this measure. This date may be re-baselined if specific elective or unanticipated contract change orders allow for it.

Operationally, this measure reports on-time performance by calculating the percentage of projects reaching the project milestone of second notification (all on-site work is satisfactorily completed) within 90 days of the baselined contract completion date.

The measure considers ODOT administered projects, which may include local projects administered by ODOT. Locally administered projects are excluded.

Data source
ODOT CService

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