



Trimble e-Builder Enterprise:

The owner's construction management software for digital project delivery



On the construction site, your team would never use the wrong tool for the job. But when it comes to the powerful tools necessary to manage high-stakes capital projects, owners are often forced to compromise on solutions that are designed for contractors, built at the wrong scale, or inflexible when it comes to the evolving needs of the project.

Now owners have a better option. With **Trimble e-Builder Enterprise**, a cloud-based construction management solution, you can take an owner-first, modular approach by leveraging only the specific features of our robust platform that you need—and not overspending on other features you don't.

The e-Builder platform gives you a comprehensive view of the project lifecycle, centralizing every aspect—data, documentation, change orders, resource management, and invoicing—for unified, end-to-end insight, reduced risk, improved performance, and total transparency. What's more, as your organization grows, you have the flexibility to expand the solution's capabilities in step with your needs.

All this puts the power of digital project delivery at your fingertips, giving you a strategic advantage to meet the industry's challenges now and in the future.

Why digital project delivery?

Digital project delivery (DPD) involves the use of digital data to oversee critical aspects of a construction process, including planning, design, construction, and inspection. Access to unified, shared data facilitates real-time communication and improves teamwork and outcomes at every stage of the construction project. Then, after construction, the availability of this data enables you to better manage your assets for performance and cost-effectiveness across a project's lifecycle.



To learn more, download our **Digital Project Delivery Guide for Owners.**

DOWNLOAD THE GUIDE

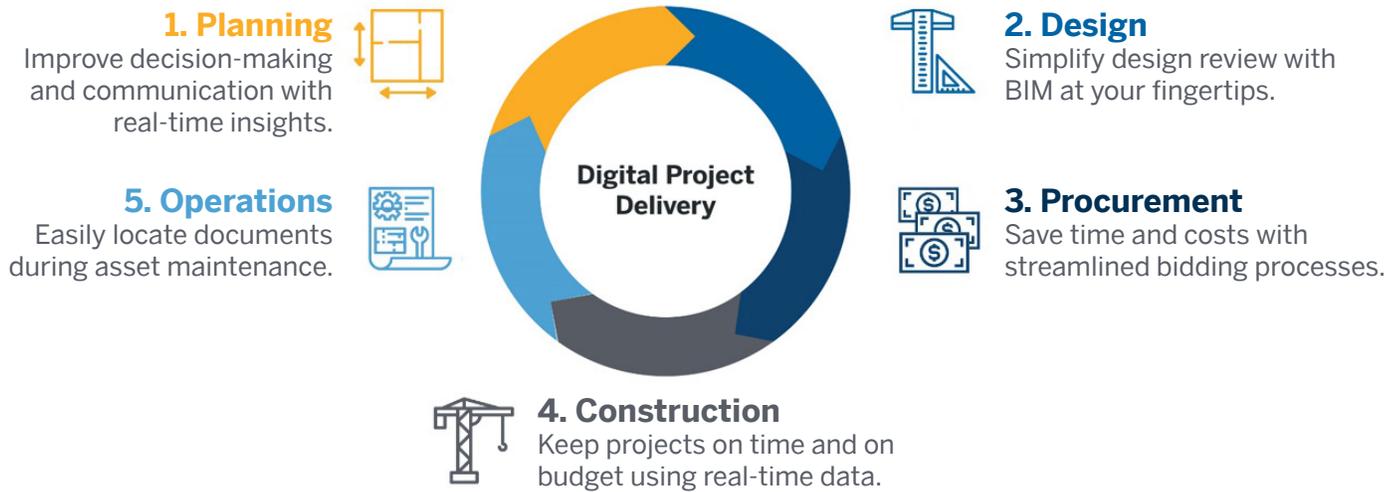
<https://bit.ly/digitalprojectdeliveryguide>





Improving project performance using shared data

With e-Builder, you have a centralized data source for any size or scale of capital improvement program (CIP), which places mission-critical information from across the breadth of your project right at your fingertips. Leveraging this data for digital project delivery creates opportunities for you to save time with automation, reduce rework by streamlining collaboration, and quickly make needed adjustments during each phase of the project lifecycle.



1. Planning

- Align stakeholders on planned and approved project status in real time
- Anticipate unexpected changes by combining historical and potential project data to define contingency budgets and predict cost-to-complete/cash flow needs
- Unify capital planning, portfolio analysis, funding allocation, and risk/exposure

2. Design

- Simplify the submissions and approvals process for vendors, partners, and stakeholders
- Automate workflows and version control to ensure timely review and better oversight of updates and changes
- Access and utilize schematic design/development, constructability, and design standards simultaneously

3. Procurement

- Create bid packages and invite potential bidders, including public bids
- Distribute documents, issue addenda, and respond to bidder questions in a single platform
- Improve request for proposal (RFP) management, create work package estimates, and track vendors, small business enterprises (SBEs), and disadvantaged business enterprises (DBEs)

4. Construction

- Avoid surprises and reduce risk with real-time monitoring and forecasting
- Eliminate data silos to better assess the impact of any changes during the project, oversee construction administration, and control costs
- Leverage advanced reporting, business intelligence (BI) tools, and graphically rich dashboards for deeper, more actionable insight

5. Operations

- Create a central repository for as-built documents, punch lists and commissioning, warranty, and occupancy records retention after construction is complete
- Ensure optimal facility function with a shared, transparent data source for every operations team member
- Facilitate necessary maintenance or renovation with on-demand documentation
- Create a connected ecosystem of solutions to maintain your public assets and associated data, work activities, and business processes with an [integrated asset management solution](#)



Empower every stakeholder in the CIP value chain

Successful, profitable projects rely on a wide range of expertise, from senior leadership to the boots on the ground. Each node along this chain interacts with projects in unique ways, leveraging a wide range of data to make decisions, communicate change, reduce risk, and execute on time and on budget.

When you take a unified approach using e-Builder, you can provide stakeholders, decision-makers, and CIP specialists with the information they need at every phase of the project. With a single platform, you can eliminate redundancies in data storage and workflows, increase efficiency and information sharing, automate repetitive tasks to reduce human errors, and minimize the need for costly point solutions. All of these advantages help ensure seamless user experiences.

Diverse stakeholders benefit from this one-stop solution by improving performance on a wide variety of tasks, such as:

Chief financial officers (CFOs)

Ensure policies and procedures are in place and properly documented in the event of an audit

Identify potential risks early in the project lifecycle

Generate detailed, consistent reporting on demand



Controllers

Streamline reporting to CFOs and auditors

Maintain on-time payments to contractors and avoid late fees

Increase visibility and oversight to mitigate risks and deliver timely, on-budget projects



Vice presidents of design and construction

Create accurate forecasting to eliminate the need for additional funding or resources

Engage key stakeholders with continual feedback and signoff on scope throughout the project lifecycle

Prioritize data accuracy and availability for decision-making and capturing key learnings



Directors of facilities

Access up-to-date dashboards for real-time monitoring and accurate forecasting

Automate workflows and business processes for greater consistency of delivery and faster communications and approvals

Reduce the need for change orders



Project managers

Increase efficiency through automated reporting and documentation

Align schedules, resources, and costs

Drive accountability, shared responsibility, and collaboration across teams



Chief engineers

Coordinate seamlessly among agencies and ensure timely procurement of funds

Reduce waste through data-driven project prioritization

Remain compliant with regulatory standards and avoid major project failures



Build on a strong foundation

Though every CIP has its unique challenges and requirements, successful projects share a set of core characteristics. With e-Builder, you can confidently address these common challenges using six key capabilities that form the foundation of our fully scalable, modular platform:

Document Management

e-Builder's [Document Management](#) module creates a central repository for all project files, enabling you to maintain oversight of an unlimited number of documents and projects across your portfolio. With every relevant piece of information in a unified, secure platform, your project teams benefit from faster communications, a single source of truth for greater data fidelity, and built-in version control for better tracking and consistency. Document Management also simplifies information processing by providing an integrated viewer for more than 125 file types, along with PDF preview and markup capabilities.

The screenshot displays the e-Builder Document Management interface. The top navigation bar includes 'Home', 'Dashboard', 'Projects', 'Planning', 'Forms', 'Processes', 'Documents', 'Calendar', 'Contacts', 'Bidding', 'Cost', 'Schedule', 'Reports', and a user profile for 'bhartnagle'. The main content area is titled 'Documents For *New River Station & Roadway' and shows a folder tree on the left with '03 Design Drawings' selected. The main pane displays a list of documents:

Name	Date Uploaded	Uploaded By	Company
09102015-Design Working Drawing.pdf (version 1) Checked out by Brad Hartnagle Download (135.6KB) Redline Stamp Compare With Send Properties	10.27.20 02:29PM	Brad Hartnagle	e-Builder
00-Mech Floor Plan.pdf (version 1) Download (331.9KB) Redline Stamp Compare With Send Properties	10.27.20 02:29PM	Brad Hartnagle	e-Builder



Contact Management

The Contact Management module allows your team to easily manage and access your entire contact and vendor list from a central location. Using detailed annotation capabilities, you create a more nuanced understanding of business relationships at a glance. Contact Management helps you track vendor characteristics such as total contract amounts, vendor ratings, possible issues, and number of change orders—so you can better evaluate vendor performance when choosing partners for your next job. This core module also integrates seamlessly with other modules to drive collaboration, invite bidders to view project information, and automate emails for report sharing.

The screenshot displays the 'Contact Details' page for 'Bob Contractor'. The contact information is organized into two columns. The left column includes fields for Name, Company, Company Number, Department, Country, Address (with a 'view map' link), Suite, City, State/Province, and Zip/Postal Code. The right column includes Primary Contact?, Email, Title, Phone, Mobile Phone, Other Phone, Fax, Pager, Username, and Do Not Use?. Below the contact details is a navigation bar with tabs for Custom Fields (0), Notes (0), Bidding (4), Construction Codes (955), Documents (0), Forms (0), Processes (0), and Projects (8). Below this is a filter section with dropdowns for Project (All Projects), Bidding Status (All), and Status (All), along with a 'Show All' button and an 'Export' button. The main content is a table with the following data:

Project	Bid Package	Due Date	Status	Bidding Status	Bid Submitted
Bonita Canyon/New Ford	***Bonita Canyon Road/New Ford Road - Construction Bid	12.01.2025 5:00 PM	Open	Pending (0), Will Bid (1), Will Not Bid (0), Awarded (0), Revoked (0)	No
PL061-Main Line	Design Bid	10.09.2016 5:00 PM	Open	Pending (0), Will Bid (1), Will Not Bid (0), Awarded (0), Revoked (0)	Yes
yy_8009-01 Innovate 680	8009-01 - Construction Services and Materials	10.26.2027 5:00 PM	Open	Pending (1), Will Bid (0), Will Not Bid (0), Awarded (0), Revoked (0)	No
yy_8009-01 Innovate 680	8009-01 - Environmental	10.16.2018 2:00	Open	Pending (0), Will Bid (1), Will Not Bid (0), Awarded (0), Revoked (0)	Yes

Calendar Management

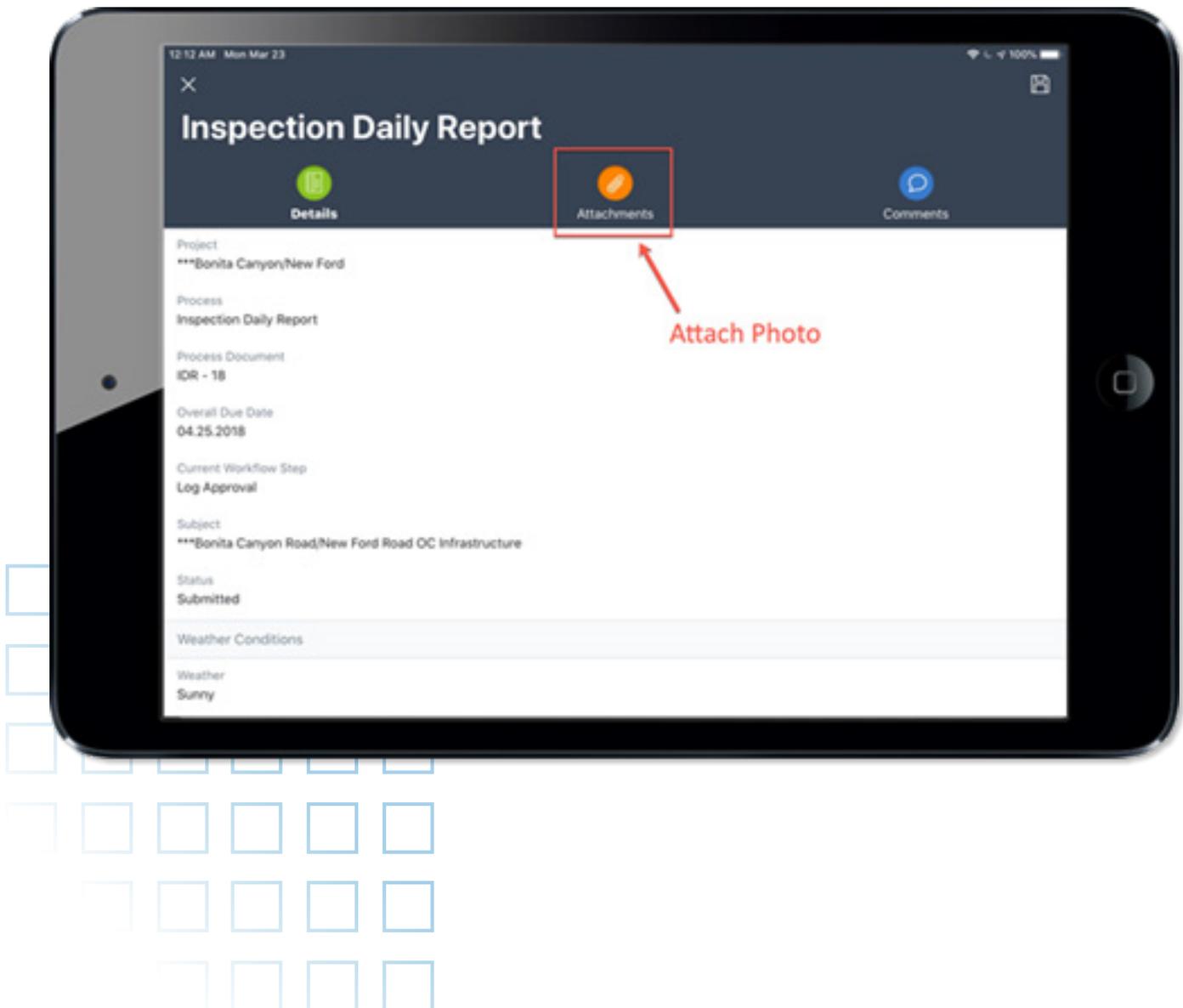
Large projects typically involve cooperation among multiple companies, each with its own calendar system. This can make aligning schedules and booking important meetings an enormous chore. Using the Calendar Management module, you can streamline this process while also helping team members better manage their time and prioritize the right meetings throughout the project. This module also supports new project team members by allowing them to easily view the meetings they need to attend.



e-Builder Mobile

Your business happens on the go, so you need a solution that can keep up wherever you need to be. The e-Builder Mobile application improves productivity, responsiveness, and project quality by putting the power of our enterprise solution directly on the job site. This mobile app is compatible with any Apple® iOS smartphone or tablet and supports offline use in the field by automatically syncing with e-Builder Enterprise when an internet connection is established.

Using e-Builder Mobile, current users report saving as many as 10 hours per week in driving time alone, and those hours add up significantly over the life of a project. More importantly, mobile users improve team productivity by eliminating the need for redundant data entry and rework, enabling team members to focus on higher-value tasks, whether in the office or in the field.



Security

In every phase of the CIP lifecycle, from planning to operations and maintenance, you need to know that your data and related IT infrastructure are secure. [e-Builder products and services](#) are designed from end to end to provide the availability, security, compliance, and certifications you need to run your business with confidence. The Trimble Secure Development Life Cycle framework ensures that security is embedded and operationalized throughout the entire development lifecycle, providing superior security for customers.

For government agencies, [e-Builder Enterprise Government Edition](#)—a FedRAMP Authorized management solution—incorporates federally approved levels of security controls and compliance features not offered by public clouds. Government agencies can confidently implement policies and processes that incorporate efficient and transparent capital project controls as well as reporting capabilities that are consistent with applicable laws and procedures.

Collaboration

With a construction management solution that spans every function of every project, your business can break down departmental silos to improve processes, speed up communication, facilitate data sharing, and support cross-functional collaboration. [e-Builder offers options](#) that let you connect all your systems, streamline and integrate field management, improve decision-making using advanced business intelligence features with real-time data, and much more.

Integrated workflows improve facilities construction and operations

[Yale New Haven Health System](#), a nonprofit healthcare organization with hospitals in three Northeastern states, selected e-Builder Enterprise to support its capital construction program, maintenance operations, and space management. The new implementation met the organization's requirement to integrate smoothly with the health system's existing ERP system and other planning tools. With the resulting integrated system, the organization can now set cost controls and obtain approvals through process workflows, gaining unprecedented transparency and accountability over its project budgets.



Cost and Funding Management

With the [Cost and Funding Management module](#), you can create and track budgets during planning or construction, conduct budget reviews, oversee change management efforts, and digitize the approvals process from a single, secure platform. In addition, the module's robust forecasting capabilities empower you to more accurately predict cost-to-complete and cash flow needs without any unpleasant surprises.

Using simple-to-view cost summaries across multiple projects, you have the ability to drill down to specific details and organize data by categories such as vendor or project type. From planning to payment, you have visibility into funding sources and their complex distribution rules. You also have the ability to define consistent funding assignment rules and usage requirements, automatically track and distribute funding against commitments, monitor your funding balances as you incur actual costs, and quickly report on funding status to stakeholders.

These controls help ensure proper stewardship of your funding so you can confidently deliver your projects on budget.

Cost Summary For *New River Station & Roadway

Cost Summary | Items Pending Approval | Unfinished Drafts | Data Entry | Account Level Cost

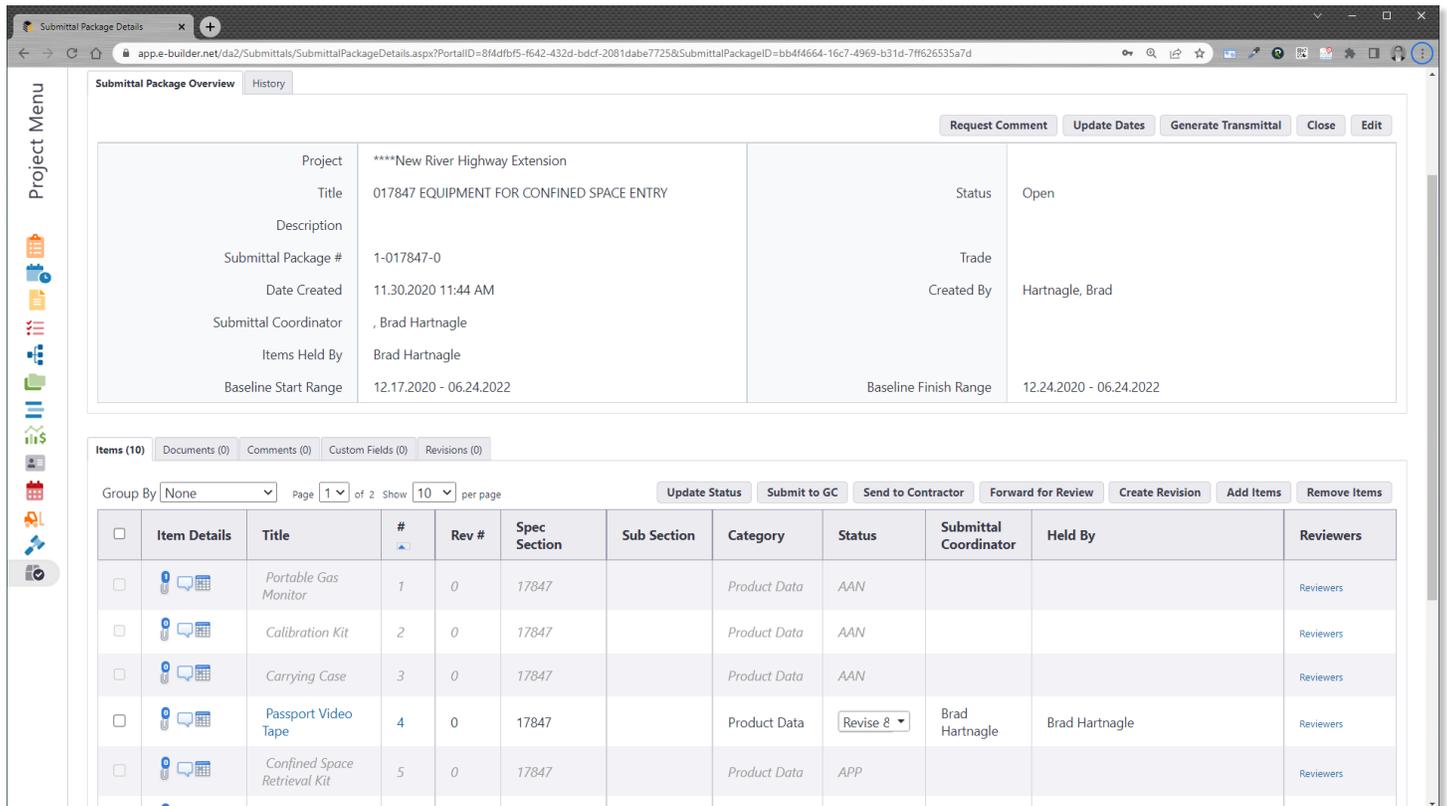
Financial Summary Expand All | Collapse All Layout: Project Cost Summary Group By: Phase * - Click on the amount to see more details

Line Item	Description	A Original Budget *	B Remaining Budget *	C Approved Commit Changes *	D Pending Commit Changes *	E Projected Commit Changes *	F Actuals Approved *	G Actuals Received *	H Total Commitment *
*010	REAL ESTATE:	4,075,000.00	955,900.00	3,009,100.00	0.00	5,500.00	10,000.00	80,000.00	3,119,100.00
*010.0000*1001	Land Acquisition	4,000,000.00	929,900.00	3,000,100.00	0.00	0.00	10,000.00	60,000.00	3,070,100.00
*010.0000*1002	CEQA Land Acquisition	50,000.00	10,000.00	0.00	0.00	0.00	0.00	5,000.00	40,000.00
*010.0000*1003	Project Management (R.E. Labor charges)	10,000.00	1,000.00	9,000.00	0.00	5,500.00	0.00	0.00	9,000.00
*010.0000*1004	Misc/Other (Appraisal, PTR, etc.)	15,000.00	15,000.00	0.00	0.00	0.00	0.00	15,000.00	0.00
*020	DESIGN:	4,757,300.00	3,757,300.00	0.00	0.00	25,000.00	0.00	0.00	1,000,000.00
*020-001	Plans & Specifications	3,000,000.00	2,000,000.00	0.00	0.00	25,000.00	0.00	0.00	1,000,000.00
*020.0000*2002	Architect Reimbursables	50,000.00	50,000.00	0.00	0.00	0.00	0.00	0.00	0.00
*020.0000*2003	Consultant Services	500,000.00	500,000.00	0.00	0.00	0.00	0.00	0.00	0.00
*020.0000*2004	Civil/Survey	1,000,500.00	1,000,500.00	0.00	0.00	0.00	0.00	0.00	0.00
*020.0000*2005	Soils Engineering	125,000.00	125,000.00	0.00	0.00	0.00	0.00	0.00	0.00
*020.0000*2006	Specialty Consultants	66,800.00	66,800.00	0.00	0.00	0.00	0.00	0.00	0.00
*020.0000*2007	Other	15,000.00	15,000.00	0.00	0.00	0.00	0.00	0.00	0.00
*030	SPECIALTY INSPECTIONS	110,000.00	110,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals		24,981,300.00	9,867,550.00	5,021,100.00	0.00	155,500.00	57,500.00	1,238,768.40	15,663,750.00



Submittals Management

With the Submittals Management module, you can enable the ball-in-court methodology so that contractors and architect coordinators can track response times from subconsultants to encourage more prompt follow-up and prevent costly delays. You can also track information and transactions across every phase of the submittal process for maximum, real-time visibility. In addition, you can upload your register before the start of construction, with cascading due dates populated throughout the project to streamline processes, reduce lag time between steps, and improve accountability.



The screenshot displays the 'Submittal Package Overview' page in a web browser. The browser address bar shows the URL: `app.e-builder.net/da2/Submittals/SubmittalPackageDetails.aspx?PortalID=8f4dfbf5-f642-432d-bdcf-2081dabe77258;SubmittalPackageID=bb44664-16c7-4969-b31d-7ff626535a7d`. The page title is 'Submittal Package Overview' with a 'History' tab. A vertical 'Project Menu' is on the left. The overview section includes fields for Project (****New River Highway Extension), Title (017847 EQUIPMENT FOR CONFINED SPACE ENTRY), Description, Submittal Package # (1-017847-0), Date Created (11.30.2020 11:44 AM), Submittal Coordinator (Brad Hartnagle), Items Held By (Brad Hartnagle), Baseline Start Range (12.17.2020 - 06.24.2022), Status (Open), Trade, Created By (Hartnagle, Brad), and Baseline Finish Range (12.24.2020 - 06.24.2022). Below this is a table of items with columns: Item Details, Title, #, Rev #, Spec Section, Sub Section, Category, Status, Submittal Coordinator, Held By, and Reviewers. The table contains five rows of items, all with 'Product Data' category and 'AAN' status, except for 'Passport Video Tape' which has a 'Revise' dropdown and 'APP' status. The 'Held By' field is populated with 'Brad Hartnagle' for the 'Passport Video Tape' item.

Item Details	Title	#	Rev #	Spec Section	Sub Section	Category	Status	Submittal Coordinator	Held By	Reviewers
<input type="checkbox"/>	Portable Gas Monitor	1	0	17847		Product Data	AAN			Reviewers
<input type="checkbox"/>	Calibration Kit	2	0	17847		Product Data	AAN			Reviewers
<input type="checkbox"/>	Carrying Case	3	0	17847		Product Data	AAN			Reviewers
<input type="checkbox"/>	Passport Video Tape	4	0	17847		Product Data	Revise 8	Brad Hartnagle	Brad Hartnagle	Reviewers
<input type="checkbox"/>	Confined Space Retrieval Kit	5	0	17847		Product Data	APP			Reviewers

Process Management

Every phase and activity in the construction lifecycle has its own process. The [Process Management module](#) centralizes all information related to digital project delivery, from design reviews, documentation, and requests for information (RFIs) to change orders and invoicing. With this module, you can create custom processes specific to your business, easily add supplemental information to a process, and generate automatic reports for cost projections and schedule details. In short, you can manage and coordinate every design, bid, and build process with customized, program-specific workflows.





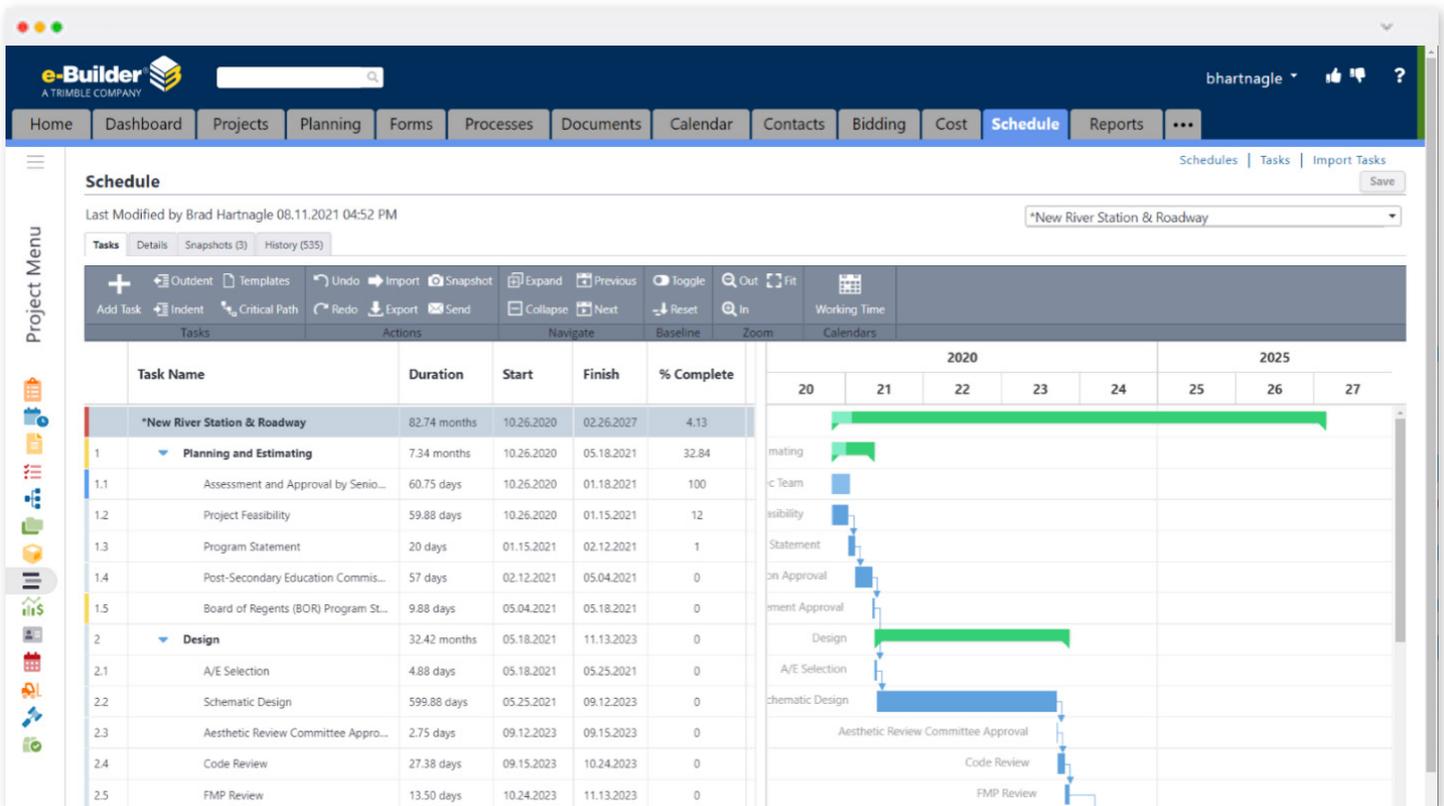
County water and sewer department undergoes digital transformation to keep pace with growth

The [Miami-Dade Water and Sewer Department \(WASD\)](#) needed a new solution to manage its growing residential and capital development programs—one that would provide complete visibility across projects and could handle multi-regulatory agency approvals. Turning to e-Builder Enterprise for help, WASD was able to replace its outdated, paper-based project management program with an integrated digital system that not only organizes all data needed to approve sewer infrastructure projects, but is also accessible to business owners, developers, and all 2.3 million residents of Dade County.



Schedule Management

Using the [Schedule Management](#) module, you have the benefits of critical path method (CPM) scheduling combined with internet-enabled collaborative capabilities in a single, program-wide milestone-tracking system. This dynamic module allows you to benchmark ongoing performance against a baseline, automatically updating critical paths when tasks are completed or approved schedule changes are implemented. This module includes built-in integration with Oracle® Primavera P6 and Microsoft® Project so you can import existing project files, while also providing integrated Gantt views for a graphical representation of project activities and milestones. To further support on-time project delivery, the module alerts you to potential scheduling issues before they arise.



State transportation agency modernizes its capabilities to manage a massive bridge renewal project

Responsible for inspecting 14,000 bridges across the state—and facing an ambitious plan to renovate or replace more than 300 bridges in just two years—the [Kentucky Transportation Cabinet \(KYTC\)](#) needed a construction management program that would be quick to implement, could integrate with existing systems, and would be accessible to state workers, contractors, and other key project partners. KYTC selected e-Builder Enterprise as a comprehensive solution that could handle the large influx of new work, scale quickly, and provide a central repository for storing and sharing all project materials.



Time Tracking

The Time Tracking module allows users in your ecosystem to track their time against projects and activity codes. They can also submit timesheets and route them to the correct approver using preconfigured roles and identifiers. This module enables you to apply bill rates to time entered and automatically aligns costs with associated commitments or invoices in the Cost and Funding Management module. Time Tracking is a powerful tool for managing additional project costs, along with those incurred from internal or consultant labor.

When cost integration is enabled in this way, commitment and commitment line items may be configured to appear as optional fields on the timesheet entry page. When a commitment line is selected, the billable time is created as a draft invoice against that line item after passing through the workflow/validation process.

The screenshot displays the e-Builder Time Sheet interface. At the top, there is a navigation bar with the e-Builder logo and a search bar. Below the navigation bar, there are tabs for various modules: My Home, Dashboard, Projects, Planning, Forms, Processes, Documents, Calendar, Contacts, Bidding, Cost, Schedule, and Reports. The main content area is titled "Your Time Sheet" and includes a "Return to Time Sheets" link. A "Save Submit Cancel" button is visible. The timesheet is for the period "12-18 September 2022" and shows a table with columns for Project, Activity, Commitment Details, and days from Mon 12 to Sun 18, along with Total and Payout columns. The data shows 8:00 hours on Mon 12, 4:00 on Tue 13, 8:00 on Wed 14, 8:00 on Thu 15, 9:00 on Fri 16, and 5:00 on Sat 17, totaling 42:00 hours. Below the timesheet, there is a "Documents" section with a table listing attached files, including "Notice to Proceed #1.pdf (version 1)" attached by Hartnagle, Brad.

Project	Activity	Commitment Details	Mon 12	Tue 13	Wed 14	Thu 15	Fri 16	Sat 17	Sun 18	Total	Payout
****New River Highway Extension	Construction		8:00	4:00	8:00	8:00	9:00	5:00		42:00	0.00
Total			0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0.00

File Name	Attached By
Notice to Proceed #1.pdf (version 1) <small>View Download Redline (0) Stamp</small>	Hartnagle, Brad

Regional government agency carries out a complex, multimillion dollar transportation project using integrated capital and construction management

The [Metropolitan Council](#), a government agency responsible for the entire seven-county Twin Cities area, needed help delivering the largest federally funded public works project in the history of Minnesota—a \$957 million project for the Central Corridor Light Rail Transit. Using e-Builder’s integrated capital program and construction management software, the agency was able to effectively streamline processes and provide transparency to partners while meeting the stringent requirements for funding from the Federal Transit Administration (FTA).



Bid Management

The Bid Management module gives you the capability to invite bidders to a project, distribute specifications, manage bid-related communications, and track bid status for all projects. These features help improve bid coverage, reduce printing and shipping overhead, standardize the bid-management process, and maintain complete historical project data. With this module, you can automate bid analysis while enabling an unlimited number of bidders in your vendor database to access data and simpler communications.

The screenshot displays the 'Bid Package Details' page in the e-Builder software. The page includes a navigation menu at the top with options like Home, Dashboard, Projects, Planning, Forms, Processes, Documents, Calendar, Contacts, Bidding, Cost, Schedule, and Reports. The main content area shows the project name '*New River Station & Roadway' and the bid package 'White River Police HQ Bid Package'. Below this, there are tabs for Bidding Details, Bid Scope, Potential Bidders, Invited Bidders, Bid Documents, Questions/Responses, Bid Tabulation (selected), Permissions, and Bid History. A 'Bid Tabulation Options' section includes a legend for Low Value (green), Adjusted Value (red), and Short-Listed Bidder (orange). The main table displays bid items with columns for Description, Quantity, UoM, Unit Cost, Total Cost, % of Base Bid, % of Section, and two columns for Trimble PPM (Unit Cost and Total Cost). The table is titled 'Base Bid' and contains six rows of data.

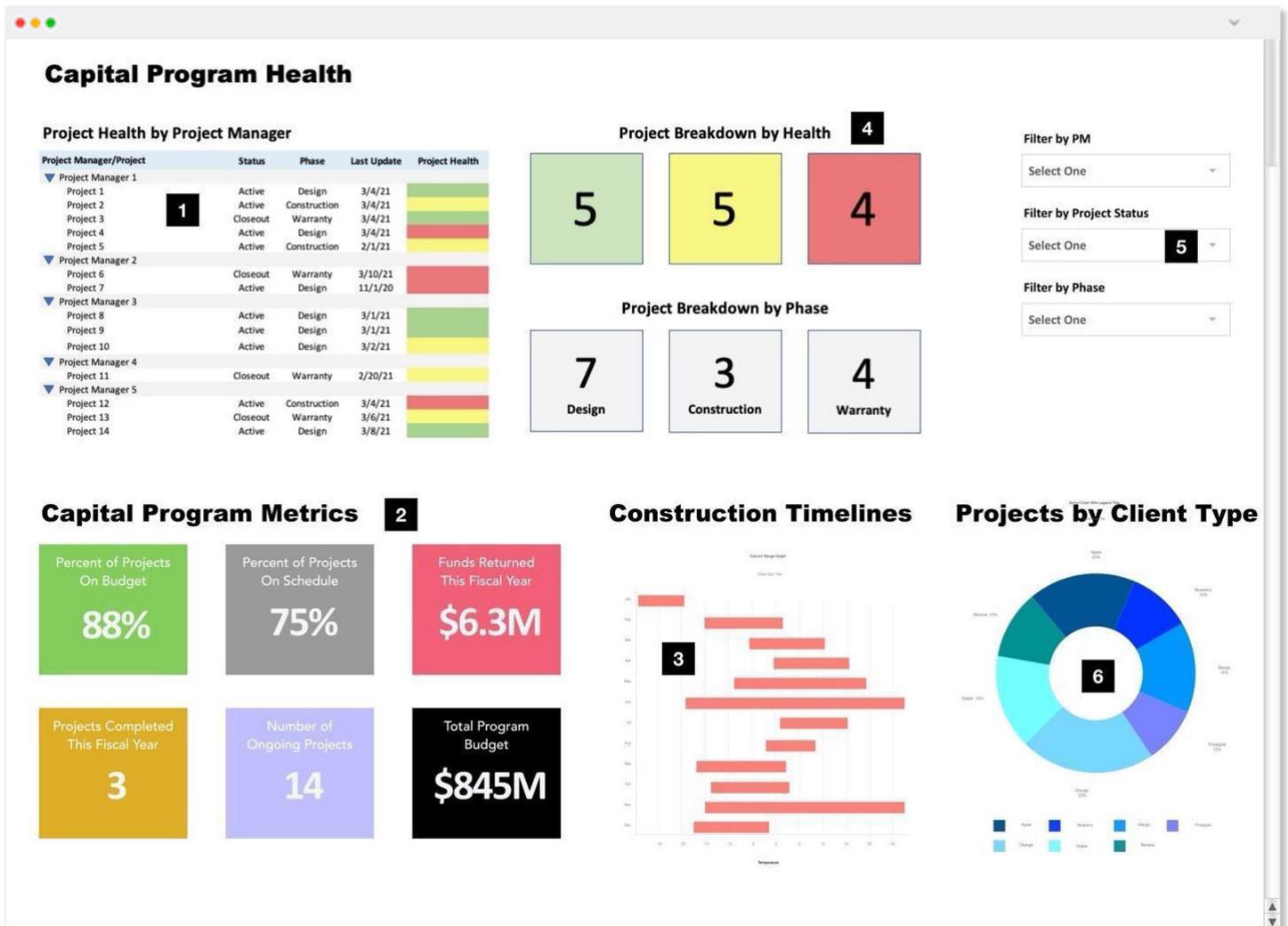
Project: *New River Station & Roadway		Estimate		Trimble PPM Joe Ferrar bradley_hartnagle+1@trimble.com				Trimble PPM Brad Hartnagle bradley_hartnagle@trimble.com						
Bid Open Date: 11.10.2020 9:56 AM		Unit Cost	Total Cost	% of Base Bid	% of Section	Unit Cost	Total Cost	% of Base Bid	% of Section	Unit Cost	Total Cost	% of Base Bid		
Base Bid														
1.0	Maintenance of Traffic	1	LSUM	0.00	0.00			50,000.00	50,000.00	0.45	0.45	20,000.00	20,000.00	0.18
2.0	Mobilization/Demobilization	1	LSUM	0.00	0.00			133,000.00	133,000.00	1.20	1.20	600,000.00	600,000.00	5.27
3.0	Inlet/Catch Basin Rehabilitation (undistributed)	79	EA	0.00	0.00			455.34	35,971.86	0.32	0.32	545.00	43,055.00	0.38
4.0	Curb, Concrete, Removal	3,270	LFT	0.00	0.00			32.22	105,359.40	0.95	0.95	122.33	400,019.10	3.52
5.0	Curb, Concrete, Construction	3,270	LFT	0.00	0.00			13.00	42,510.00	0.38	0.38	1.88	6,147.60	0.05
6.0	Sidewalk, Concrete, Removal	922	SYS	0.00	0.00			122.22	112,686.84	1.02	1.02	9.88	9,109.36	0.08



Reporting and Dashboards

Creating a centralized location for all project management data is important, but that data is only as good as your ability to quickly find, extract, and report on that data. e-Builder's powerful [reporting engine](#) gives you optionality in the way you view and share your data without the need for third-party applications or additional programming.

The Reporting and Dashboards module comes equipped with more than 120 predefined reports for quick use, but you may also create an unlimited number of customized reports as needed. Report distribution is automated, which means that stakeholders receive only the reporting they need, when they need it, rather than being inundated with irrelevant information. Fully configurable dashboards help unlock hidden insights, illuminate trends and patterns, and make complex data sets more digestible for a wide range of audiences.





Large Texas city improves project transparency for customers and stakeholders

With an annual construction budget of \$50 million and nearly 200 active construction projects each year, the [City of Arlington, Texas](#), (population 370,000) sought a solution to streamline its management of capital programs. Enlisting e-Builder Enterprise to help, the city was able to tackle two of its biggest challenges: standardizing city-wide processes and integrating multiple funding sources. e-Builder's integrated reporting tools also enabled the city to improve its relationships with customers and stakeholders by providing accurate, up-to-date, and easily accessible project status information.



Business Intelligence (BI)

While reporting and dashboards empower you to quickly and effectively collate and visualize disparate data sets, the BI module allows you to actually use that data to make better decisions. You have the ability to customize the module for distinct user types, providing the insights that resonate most strongly with stakeholders across a project.

Executives and senior leaders typically leverage BI for a high-level view of program performance, forecasts, and program status using real-time, interactive dashboards. Administrators can take action on BI reports across multiple modules, create and share dashboards, and combine graphical and tabular reports in a single view. For project managers, BI helps to visually analyze data, create compelling reports to strengthen trust, and automate reporting to save valuable time.

Project Risk Dashboard

Project Name:

Budget Overview

Total Project Budget	Current Budget	Estimate at Completion	Over/(Under)
Budget Code	\$0.00	\$0.00	
Budget Code	\$11,307,780.00	\$11,664,780.00	\$357,000.00
Budget Code	\$0.00	\$0.00	
Budget Code	\$2,295,000.00	\$2,295,000.00	
Budget Code	\$0.00	\$5,000.00	\$5,000.00
Budget Code	\$1,352,330.82	\$1,385,330.82	\$33,000.00
Budget Code	\$776,356.50	\$786,356.50	\$10,000.00
Budget Code	\$164,762.08	\$175,762.08	\$11,000.00
Budget Code	\$294,115.60	\$294,115.60	
Budget Code	\$0.00	\$0.00	
Total	\$16,190,345.00	\$16,606,345.00	\$416,000.00

Risks Log

Date Due	Category	Description	Proposed / Final Solution	Probability	Cost Impact	Reflected in Estimate at Completion	Schedule Impact (Calendar Days)	Reflected in Current Schedule
06/15/2021	COVID-19 Other	5/11/2021 - Issue description written in a way that someone outside the project can understand.	This is how the issue will be resolved. Initially proposed and then updated with the final solution before the item is closed.	Medium	\$15,000.00	No	14	No
06/15/2021	COVID-19 Other	05/11/2021 - Issue description written in a way that someone outside the project can understand.	This is how the issue will be resolved. Initially proposed and then updated with the final solution before the item is closed.	Medium	\$15,000.00	No	14	No

Schedule

Causality of Change

RFI Metrics

Avg. RFI Turnaround Time: **17d**

Discipline	Avg. RFI Turnaround Time (Days)
Discipline 1	~15
Discipline 2	~18
Discipline 3	~12
Discipline 4	~10
Discipline 5	~20
Discipline 6	~18
Discipline 7	~17
Discipline 8	~16



A one-of-a-kind solution tailored to owners' needs

At Trimble, we believe that capital projects are already complex enough, without the additional hassle of tools and products that don't deliver value for owners. We understand that a one-size-fits-all approach usually ends up fitting no one. That's why we've built a fully modular solution tailored specifically to your unique need for:

-  Accurate, real-time data that can be trusted and shared across your organization on demand
-  Flexibility to adapt to the changing needs of a project, with foresight to predict those changes in advance
-  A single platform that can reduce the chaos and costs that come from dozens of point solutions
-  The ability to stay on budget, increase efficiency, and get work done at the job site, on the plane, and in the office
-  A solution that can do it all—even if you don't do it all at once

Let us help you reach your capital and construction management goals with a one-of-a-kind solution tailored to your organization's needs for digital project delivery. Contact us to [schedule a demo](#) of e-Builder Enterprise and start your digital transformation journey with Trimble.

[SCHEDULE YOUR DEMO](#)

Streamlining infrastructure management across America with integrated solutions

Improving infrastructure in the United States has become an urgent priority—and addressing these massive, crucial projects requires management tools that work together seamlessly. Public agencies across the country are finding the answer in unified, integrated construction and maintenance management solutions.

For example, the [City of Raleigh, North Carolina](#), is improving the condition of its pavement network, reducing costs, and extending the lifespan of its pavement infrastructure using [Trimble's AgileAssets](#) pavement management solution. Raleigh's holistic approach to infrastructure management—which leverages e-Builder and AgileAssets along with Trimble's Cityworks, a GIS-centric platform for public asset management and permitting—is bringing the city one step closer to a fully integrated asset lifecycle management program.

"With Trimble's Asset Lifecycle Management solution, our staff can work out of a single system with seamless integration across a project's lifecycle. Before Trimble, we had no standard way to capture project data and report on capital spending. Now, we can track work in the field back to the budget in real time to create standardized reports for executive managers and demonstrate our progress to stakeholders and the community. From plans and permitting to construction and asset management—everything starts and ends in one location, making the entire process much simpler."

—Chad Foley, Technology Manager, City of Raleigh

