

1. Record Nr.	UNINA9910954787103321
Titolo	Design-build for water and wastewater projects // edited by Holly Shorney-Darby
Pubbl/distr/stampa	Denver, Colo., : American Water Works Association, 2011
ISBN	1-62870-326-1 1-61300-134-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (387 p.)
Altri autori (Persone)	Shorney-DarbyHolly
Disciplina	628.1/62
Soggetti	Water treatment plants - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""Contents""; ""List of Figures""; ""List of Tables""; ""Preface""; ""Foreword""; ""Acknowledgments""; ""The History of Design-Build""; ""Benefits and Challenges of Design-Build""; ""Status of Design-Build in the US Water and Wastewater Sectors""; ""Design-Build Legislation""; ""When Is Design-Build Project Delivery Appropriate for a Project?""; ""Preparing an Owner Organization to Perform Design-Build""; ""Design-Build Procurement Approaches""; ""Planning and Defining the Design-Build Procurement Process""; ""Design-Build Contract Risk Allocation""</p> <p>""Engaging a DB Consultant for Design-Build Projects""""Bonding Design-Build Projects""; ""Insurance for Design-Build Projects""; ""Developing a Project Technical Criteria Document""; ""The Request for Qualifications: Attracting and Selecting the Best Qualified Design-Builder""; ""RFPs: Selecting the Design-Builder""; ""The Ownera€s Selection Committee""; ""Options for Evaluating Design-Builder Proposals""; ""Owner Management of Design-Build Project Execution""; ""Design-Build Project Schedule Development and Management""; ""Value Engineering""; ""Quality Assurance and Quality Control""</p> <p>""Permitting and Regulatory Approvals""""Commissioning and Acceptance Testing""; ""Dispute Resolution Processes""; ""Construction Management at Risk""; ""Design-Build-Operate""; ""Design-Build With Finance""; ""Alliance Contracting""; ""Top Ten Strategies for Owners to Achieve a Successful Design-Build Project""; ""Is Design-Build Right for</p>

Sommario/riassunto

On its next capital construction project, would your water or wastewater utility like to achieve * Seven percent lower cost * Thirteen percent faster construction * Thirty-three percent faster overall schedule * Fifty percent less schedule growth? These are some of the attractive benefits many water and wastewater utilities enjoy through the use of design-build construction over traditional design-bid-build construction. This book provides a basic template of how to plan, procure, and execute a design-build project. Written for water and wastewater utility management, engineers, planners, city officials, utility policymakers, regulators, and design-build contractors, the book covers all topics: * History of design-build * Types of projects well suited for design-build * Steps to prepare for a design-build project * Procuring a design-builder * Executing design-build projects and performing acceptance tests * Bonding, insurance, and dispute resolution * Permitting and regulatory agency approvals* State laws regarding design-build _x000d_ Design-Build for Water and Wastewater Projects was developed in collaboration with the Water Design-Build Council.
