

Fta Project And Construction Management Guidelines

"The Project and Construction Management Guidelines document ... has been developed under Federal Transit Administration (FTA) sponsorship to assist those involved in advancing transit capital projects to achieve implementation success in terms of the project scope, function, schedule, cost, and quality"--Introduction.

Cities across the globe are looking to develop affordable, environmentally friendly, and socially responsible transportation solutions that can meet the accessibility needs of expanding metropolitan populations and support future economic and urban development. When appropriately planned and properly implemented as part of a larger public transportation network, urban rail systems can provide rapid mobility and vital access to city centers from surrounding districts. High-performing urban rail services, when carefully approached as development projects, can help enhance quality of life by giving citizens access to employment opportunities, essential services, urban amenities, and neighboring communities. The purpose of this Handbook is to synthesize and disseminate knowledge to inform the planning, implementation, and operations of urban rail projects with a view towards: -- Emphasizing the need for early studies

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and project planning; -- Making projects more sustainable (economically, socially, and environmentally); -- Improving socioeconomic returns and access to opportunities for users; -- Maximizing the value of private participation, where appropriate; and -- Building capacity within project implementing and managing institutions This Handbook provides experiential advice to tackle the technical, institutional, and financial challenges faced by decision makers considering urban rail projects. It brings together the expertise of World Bank staff and the input of numerous specialists to synthesize international 'good practices' and recommendations that are independent of commercial, financial political, or other interests. The material presented is intended as an honest-broker guide to maximize the impact and manage the challenges of urban rail systems in cities in both developed and developing countries. Rather than identify a single approach, this Handbook acknowledges the complexities and context necessary when approaching an urban rail development by helping to prepare decision makers to ask the right questions, consider the key issues, perform the necessary studies, apply adequate tools, and learn from international good practice all at the right time in the project development process.

This publication includes papers from the North American Tunneling 2004 conference, sponsored by the American Underground Construction Association. The theme of the

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conference is "Underground Construction - the Sensible Solution to Urban Problems" to reflect the increasing importance of locating urban facilities in the United States underground for enhanced security, to build critical infrastructure where it is needed and to improve the function of urban areas. The papers are grouped in four major themes: - Management of Underground Projects - Public Policy and Underground Projects - Advances in Technology - Case Studies: Trials, Tribulation and Triumphs in Tunneling This work should benefit everyone involved in any aspect of infrastructure, tunneling and underground construction.

The Bay Area Rapid Transit District (BART) intends to spend over \$1.1 billion, including \$750 million in fed. funds, to extend mass transit service to San Francisco's Internat'l. Airport. Fed. law requires FTA to insure that BART complies with fed. environmental laws and develops a viable financing plan. This report describes the actions the FTA must take before agreeing to fund the project, the project's current schedule and estimated cost and the factors that could affect them, and the project's finance plan, including assumptions that could affect its viability. TRB's National Cooperative Highway Research Program (NCHRP) Synthesis 402: Construction Manager-at-Risk Project Delivery for Highway Programs explores current methods in which state departments of transportation and other public engineering agencies are applying construction manager-at-risk (CMR) project delivery to their construction projects. CMR project delivery is an integrated team approach to the planning, design, and construction of a highway project, to help control schedule and budget, and to help ensure quality for the

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project owner. The team consists of the owner; the designer, who might be an in-house engineer; and the at-risk construction manager. The goal of this project delivery method is to engage at-risk construction expertise early in the design process to enhance constructability, manage risk, and facilitate concurrent execution of design and construction without the owner relinquishing control over the details of design as it would in a design-build project.

The New Starts program -- admin. by the Fed. Transit Admin. (FTA) -- is an important source of new capital investment in mass transport., providing grants to project sponsors, for the construction of major transit facilities. FTA uses contractors ¿ known as project mgmt. oversight contractors (PMOC) and financial mgmt. oversight contractors (FMOC) -- to help oversee the planning, construction, and financing of major capital projects. This report discusses: (1) how FTA uses PMOCs and FMOCs to oversee New Starts projects and how the agency procures, monitors, and evaluates the contractors¿ services; and (2) the benefits of FTA¿s oversight approach and the challenges FTA faces in conducting its oversight. Illus. A print on demand report.

A hallmark of efforts to implement the \$862 billion Amer. Recovery and Reinvestment Act of 2009 (ARRA) is to be transparent and accountable about what the money is being spent on and what is being achieved. To help achieve these goals, recipients are

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to report every 3 months on their award activities and expected outcomes. This report covers 11 fed. programs focused on broadband, energy, transport., fed. bldgs., and civil works activities, representing \$67 billion in ARRA funding. The report: (1) describes how the OMB and fed. agencies implemented the act to report funds' uses; and (2) assesses the extent to which descriptions of awards meet transparency criteria. Includes recommendations. Illustrations.

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