Sb 50 Connectors Up To 120 Amps

Well-implemented public involvement programs have many potential benefits for transportation agencies including enhanced credibility with the public, decisions reflecting community values, and reduced risks of litigation (O'Connor et al., 2000). The objectives of this study included a broad assessment of the Virginia Department of Transportation's (VDOT's) public involvement practices and the development of a public involvement "toolkit" for use by VDOT staff. The toolkit describes an array of techniques that may be used from the earliest planning stages of transportation projects through their construction, noting advantages, disadvantages, special considerations in the use of each technique, and references and website links for further reading. The assessment of VDOT's current public outreach practices included information gathering from citizens and VDOT staff. A total of 948 citizens attending several types of VDOT meetings and hearings completed written surveys that included questions about how they prefer to be notified about upcoming VDOT meetings, how they prefer to be informed about projects, and how they prefer to be updated on the status of plans or projects. Focus groups and written "self evaluation" surveys provided information on the perceptions of VDOT staff about the effectiveness of VDOT's public involvement approaches and their suggestions for improving communication with the public and public involvement. Responses to the citizen and VDOT staff surveys indicated that the public is often unclear about the steps in VDOT's planning, project development, and public involvement processes. Citizens and VDOT staff also agreed that frequent updates on project status are desirable and that the public should get more feedback about how their input is really used in decision making. VDOT staff sees a need for more strategic communications planning and evaluation for major projects and more coordinated project communications within the agency. VDOT staff also believe that broader [staff] understanding of the responsibilities of different VDOT divisions in the project development process would improve communications within VDOT. Study recommendations include the following: VDOT staff should use the toolkit and a soon-to-be released interactive public involvement tool by the Federal Highway Administration to choose effective public involvement approaches; VDOT divisions should collaborate on ways to increase the public's understanding of the planning, project development, and public involvement processes; and as soon as the state budget situation permits, the Outreach Section of VDOT's Office of Public Affairs proposed by the Governor's Commission on Transportation Policy should be staffed to provide greater in-house strategic communications planning and evaluation capability for major projects.

ICT Innovations for Sustainability is an investigation of how information and communication technology can contribute to sustainable development. It presents clear definitions of sustainability, suggesting conceptual frameworks for the positive and negative effects of ICT on sustainable development. It reviews methods of assessing the direct and indirect impact of ICT systems on energy and materials demand, and examines the results of such assessments. In addition, it investigates ICT-based approaches to supporting sustainable patterns of production and consumption, analyzing them at various levels of abstraction – from end-user devices, Internet infrastructure, user behavior, and social practices to macro-economic indicators. Combining approaches from Computer Science, Information Systems, Human-Computer Interaction, Economics, and Environmental Sciences, the book presents a new, holistic perspective on ICT for Sustainability (ICT4S). It is an indispensable resource for anyone working in the area of ICT for Energy Efficiency, Life Cycle Assessment of ICT, Green IT, Green Information Systems, Environmental Informatics, Energy Informatics, Sustainable HCI, or Computational Sustainability.

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For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

The authors, leading representatives of Russian space research and industry, show the results and future prospects of astronautics at the start of the third millennium. The focus is on the development of astronautics in Russia in the new historical and economic conditions. The text spotlights the basic trends in space related issues before moving on to describe the possibilities of the wide use of space technologies and its numerous applications such as navigation and communication, space manufacturing, and space biotechnology. The book contains a large amount of facts described in a way understandable without specialist knowledge. The text is accompanied by many photographs, charts and diagrams, mostly in color.

The second edition of this well-received handbook is the most concise yet comprehensive compilation of materials data. The chapters provide succinct descriptions and summarize essential and reliable data for various types of materials. The information is amply illustrated with 900 tables and 1050 figures selected primarily from well-established data collections, such as Landolt-Börnstein, which is now part of the SpringerMaterials database. The new edition of the Springer Handbook of Materials Data starts by presenting the latest CODATA recommended values of the fundamental physical constants and provides comprehensive tables of the physical and physicochemical properties of the elements. 25 chapters collect and summarize the most frequently used data and relationships for numerous metals, nonmetallic materials, functional materials and selected special structures such as liquid crystals and nanostructured materials. Along with careful updates to the content and the inclusion of timely and extensive references, this second edition includes new chapters on polymers, materials for solid catalysts and low-dimensional semiconductors. This handbook is an authoritative reference resource for engineers, scientists and students engaged in the vast field of materials science.

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