



PROJECT PORTFOLIO - TRANSIT SYSTEMS

Clarian Health People Mover System

Indianapolis, Indiana



PERFORMING AS TURNKEY DESIGN/BUILD CONTRACTOR, SDI FAST-TRACKED THIS LARGE AND COMPLEX PROJECT FROM CONCEPT THROUGH COMPLETION IN A PERIOD OF ONLY TWO YEARS. THE FULLY AUTOMATED TWO-TRAIN PEOPLE MOVER, ALONG WITH ITS ELEVATED CONCRETE GUIDEWAY AND THREE ARCHITECTURALLY INTEGRATED STATIONS, HAS BECOME A SYMBOL OF PROGRESS AND A SOURCE OF CIVIC PRIDE FOR INDIANAPOLIS CITIZENS.

CLARIAN HEALTH AUTOMATED PEOPLE MOVER SYSTEM



SDI's MOST RECENT ALL-NEW TRANSIT INSTALLATION IS a fully automated people mover system that connects Indiana University School of Medicine, Riley Hospital for Children, Methodist Hospital and a clinical laboratory facility in downtown Indianapolis. The 1.5-mile- elevated long system – comprising two 81-passenger trains, a twin-track concrete guideway and three architecturally-integrated passenger stations – was delivered in 2003 to Clarian Health Partners, Inc., Indianapolis, for a cost of \$43 million.

In addition to furnishing the system's sleek, ultramodern trains and state-of-the-art automated control technology, Schwager Davis' scope for civil construction included designing and building the 1.4-mile-long, dual track elevated guideway, upgrading the existing right-of-way infrastructure along the route, relocating a significant number of overhead and underground utilities and building three architecturally-integrated passenger stations. This large and complex project was performed under a turnkey design-build contract and was fast-tracked from concept to completion in a period of only two years. The result is an aesthetically pleasing, technically sophisticated and highly reliable transit system. Since its opening, the system has been widely acclaimed for its significance in the areas of public-private cooperation, regional economic development and future urban transportation planning.

The Clarian Health UniTrak operates in a fully automated mode and does not require on-board drivers or attendants. The trains depart stations every six minutes during the workday to handle peak passenger demand. From 10 PM to 5:30 AM, the system operates in an "on-call" mode, responding much like an elevator to push buttons located on the boarding platforms. For safety and security, all stations and individual train compartments are recorded by CCTV and monitored around the clock by security personnel in the central control station.

One of the primary goals of the project was to improve, not simply maintain, the infrastructure of the neighborhoods and businesses along its route. Clarian's budget earmarked several million dollars for neighborhood improvements, including relocation of overhead utilities to underground, construction of three architect-designed passenger stations and many other enhancements such as new street pavements, curbs, sidewalks, medians, greenbelts and landscaping. This work was performed as guideway construction proceeded so that the public benefits were immediately apparent. The success of these efforts was underscored when the people mover project won the *25th Annual Keep Indianapolis Beautiful Award* for construction, architecture and downtown development. The project was also chosen as the *2003 Monumental Award* winner from a field of more than 70 other projects as "representing the most significant visual and physical enhancement in Marion County as selected by an impartial jury of industry and community leaders."

The Clarian Health system has clearly fulfilled its purpose of greatly increasing the speed and efficiency by which Clarian physicians, patients, staff and the public can travel between the three health facilities. The people mover has also become an Indianapolis landmark and source of civic pride, while spurring economic growth, reducing air pollution and revitalizing nearby neighborhoods.



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