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## PROJECT PORTFOLIO - TRANSIT SYSTEMS

# KAHULUI AIRPORT APM OPERATION AND MAINTENANCE

MAUI, HI



**THE KAHULUI INTERNATIONAL AIRPORT (OWNER) ON THE ISLAND OF MAUI, HAWAII AWARDED SDI THE *MAINTENANCE AND OPERATION CONTRACT* FOR ITS NEW AUTOMATED PEOPLE MOVER (APM) WHICH SDI INSTALLED AND TESTED IN EARLY 2019. THE APM SHUTTLES THE PUBLIC FROM THE AIRPORT TERMINAL TO A NEW CONSOLIDATED RENTAL CAR (CONRAC) FACILITY (NOTE: FOR INFORMATION ON THE CONSTRUCTION OF THE TRACK AND INSTALLATION OF THE TRAIN, ETC., PLEASE SEE THE [SEPARATE CONSTRUCTION JOB REPORT](#) UNDER RECENT PROJECTS AT SCHWAGERDAVIS.COM).**

# TRANSIT DIVISION: KAHULUI INTERNATIONAL AIRPORT APM

## Airport APM Background

Schwager Davis, Inc. (SDI) has performed all operations and maintenance on the Kahului Airport APM tram system since its installation and subsequent opening to the public on May 15, 2019.

Total track length is 2,400 ft. (including the bypass lane and maintenance facility) with a traveling distance for airport passengers of 1,600 ft. Max speed is 15 mph. The track includes a center station with a bypass lane so that one or two trams may operate simultaneously. Each tram holds 30 riders; thus, the maximum capacity at any given time is 60 passengers.

Although the trams accelerate, decelerate, maintain speed, and stop automatically, each tram includes a driver who can stop the tram at any time. This added precaution is in place as the trams operate at grade level (and so interface with pedestrian traffic). Thus, this system is technically driver operated. The system

also includes station greeters to help direct passengers and provide a warm island welcome to weary travelers.



## SDI's O&M Results

Safety and reliability are hallmarks of the SDI's leadership on the project, as has been the case on every APM O&M contract in SDI's transit portfolio.

Tram maintenance takes place during the off-peak overnight shift. As of Oct. 15, 2020, Kahului APM availability is an impressive 99.88% (well above the 99.5% required by contract). This is all the more impressive as there may be no other system in the world quite like Kahului's (due to three pedestrian crossings that the tram system interacts with). Over 2.5 million passengers have now traveled on the APM; the trains now having shuttled over 43,000 miles.

SDI is proud of its strong Operations and Maintenance Team serving the public on Kahului Airport's charming, new people mover.

