

52nd Street Paving and Drainage Improvements, McDowell Road to Thomas Road

Phoenix, Arizona

Dibble provided engineering design services for the roadway widening and improvement of 52nd Street from McDowell Road to Thomas Road to three lanes and the addition of bike lanes, curbs, gutters, and sidewalks. Traffic engineering elements included coordination with the City of Phoenix, and SRP provided plans for lighting, traffic signals, and signing and marking plans. This project also included installation of a 36-inch diameter water transmission main in Oak Street between 48th and 52nd Streets along with 20 and 16-inch water main improvements within 52nd Street between Thomas and McDowell Roads. These backbone infrastructure improvements will be incorporated into future pressure zone modifications that will enhance water service to the residents within a proposed Pressure Zone 1A. The water main design was incorporated into the roadway widening bid package for installation of subsurface infrastructure prior to surface improvements to reduce overall project costs. Merging the projects also minimized impacts to the residential area. The project was constructed with decreased disturbance to the general traveling public.



Client:
City of Phoenix