D&B Engineers and Architects, P.C. (D&B) provides clients with collection analyses and contracting services for residential and commercial refuse, recyclables and compostable materials. D&B has carried out many assignments to provide collection economic analyses, routing efficiency, equipment alternatives, billing methods, bidding, contracting, and privatization assessments.

As part of a comprehensive Solid Waste Management Planning Decision model, D&B develops collection cost models that are capable of evaluating the economics of current practices in comparison with alternatives. The parameters accounted for include the number and density of collection locations; vehicle capacities and compaction cycle times; time per stop; off-route time; fleet size; crew size; and labor costs.

D&B evaluates the efficiency of collection equipment based upon capacities, labor requirements, automated loading options, multiple compartments (refuse, recyclables), and on-board compaction of recyclables. In addition, D&B conducts equipment demonstrations, recommends equipment, prepares specifications and conducts procurement bidding.

D&B also advises clients on the benefits of private versus public collection. To estimate the costs of the options under these assignments, D&B has prepared economic models of private and public collection alternatives using key parameters, such as crew size, labor rates, equipment capacities, routing and profit margins,

Furthermore, D&B has drafted collection ordinances and regulations establishing set-out requirements for refuse, recyclables and landscaping wastes; weight and content restrictions; and collection districts within municipal boundaries.