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Traffic Generation and Maneuvering: 30 Fox Street, Portland, Maine

The proposed project at 30 Fox Street in Portland, Maine includes a three (3) unit building with three (3) parking spaces on the first floor. Access to the parking will be via a 12-foot wide, paved driveway utilizing an existing curb cut on Fox Street.

The applicant is proposing 3 compact car sized parking spaces to maximize the salability of the units and provide convenient, off-street parking for all units. As with many parking areas within the City of Portland, the parking area has been designed to maximize the available area, while minimizing impervious area and allowing for safe access for the vehicles. This is the reason for proposing compact car spaces exclusively.

The average number of vehicle trips per day, per unit is expected to be 5.81 with an average rate of 0.44 trips per unit within the peak hour. Given these average rates from the Institute of Transportation Engineers, the estimated trip generation volume of the proposed development at 30 Fox Street is approximately 17.43 (18) trips per day and 1.32 (2) trips in the peak hour. The proposed single aisle entrance to the site (utilizing an existing curb cut) is expected to be adequate for these expected traffic volumes.

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