

Project STOP 'N GO Project # 5963
 Location New Bedford Sheet of
 Calculated by NSM Date 5/98
 Checked by Date
 Title TRIP GENERATION

From ITE LUC # 344, WEEKDAY EVENING
 PEAK HR = 5% ADJACENT ST. TRAFFIC
 ASSUME SITE DEMAND FROM DARTMOUTH ST
 & ROCKDALE AVE.

∴ From EXIST. COUNTS

$$\begin{aligned} \text{DARTMOUTH} &= (84 + 345 + 91) - 84 - 2 = 434 \text{ N.B.} \\ (\text{PM}) & \quad (88 + 320 + 73) - 74 - 26 = 331 \text{ S.B.} \\ & \quad \quad \quad 315 \text{ TOTAL} \end{aligned}$$

$$\begin{aligned} \text{ROCKDALE} &= 408 + 149 + 152 + 116 = 1,261 \text{ TOTAL} \\ (\text{PM}) & \quad + 155 + 231 \end{aligned}$$

2,076 TOTAL

$$\therefore 2,076 \times 0.05 = \boxed{104 \text{ TRIPS PM PERIOD}}$$

$$\begin{aligned} \text{DARTMOUTH} &= (87 + 443 + 105) - 118 - 15 = 297 \text{ N.B.} \\ (\text{SAT}) & \quad (100 + 296 + 95) - 35 - 46 = 360 \text{ S.B.} \\ & \quad \quad \quad 657 \text{ TOTAL} \end{aligned}$$

$$\begin{aligned} \text{ROCKDALE} &= 394 + 188 + 264 + 128 = 1,505 \text{ TOTAL} \\ & \quad + 121 + 410 \end{aligned}$$

2,162 TOTAL

$$\therefore 2,162 \times 0.05 = \boxed{108 \text{ TRIPS SAT PERIOD}}$$

$$\text{Daily}^* = 162.78 \text{ T/Day} \times 6 \text{ fee positions} = \boxed{976 \text{ TRIPS Daily}}$$

* ITE LUC # 345, WEEKDAY DAILY SATURDAY
 RATE NOT AVAILABLE, BUT ASSUMED TO BE IDENTICAL.