

Revise amount amount for Subsection 108.10 - Rental Fees for Unauthorized Lane Closure or Occupancy in accordance with the following traffic volume:

| Volume of Traffic (Car/Lane/Hour) | Rental Fees for Every One to Fifteen Minutes Increment for Each Lane | Maximum Amount Per Day |
|--------------------------------------|----------------------------------------------------------------------------|---------------------------|
| Less Than 500 | \$500 | \$5,000 |
| Between 500 and 1,000 | \$1,000 | \$10,000 |
| Between 1,000 and 1,200 | \$1,500 | \$15,000 |
| Between 1,200 and 1,500 | \$2,000 | \$20,000 |
| More Than 1,500 | \$2,500 | \$25,000 |

DOT Project Managers -

Go to: <http://10.156.9.113/hdot/index.htm>

Click on Traffic Station

Click the route you're looking for from the "Selected Route"

Click on "Make Map"

Zoom in to the area until you see red circle (counting station)

Double click station inside the red circle

Select the 15-minute count table (Latest count year)

When making copy, don't forget to rotate picture in page setting

Follow sample calculation below.

For questions, call (808) 587-1839

Counties and Consultants - Ask

Ask DOT Project Manager copy of traffic volume count for that route

Follow sample calculation below.

SAMPLE COMPUTATION

**Seismic Retrofit of Various Bridges, Vicinity of Laupahoehoe, Phase 2
District of North Hilo, Island of Hawaii**

Sta C-14-E at Route 19, HWY-P 2002 Traffic Data:

| Time, AM | Mov 1 | Mov 5 |
|-------------------|-------|-------|
| 5 : 00 - 5 : 15 | 44 | 6 |
| 5 : 15 - 5 : 30 | 125 | 15 |
| 5 : 30 - 5 : 45 | 130 | 13 |
| 5 : 45 - 6 : 00 | 120 | 21 |
| 6 : 00 - 6 : 15 | 145 | 19 |
| 6 : 15 - 6 : 30 | 65 | 35 |
| 6 : 30 - 6 : 45 | 77 | 14 |
| 6 : 45 - 7 : 00 | 56 | 24 |
| 7 : 00 - 7 : 15 | 50 | 39 |
| 7 : 15 - 7 : 30 | 47 | 41 |
| 7 : 30 - 7 : 45 | 52 | 32 |
| 7 : 45 - 8 : 00 | 38 | 39 |
| 8 : 00 - 8 : 15 | 50 | 39 |
| 8 : 15 - 8 : 30 | 50 | 52 |
| 8 : 30 - 8 : 45 | 48 | 40 |
| 8 : 45 - 9 : 00 | 35 | 45 |
| 9 : 00 - 9 : 15 | 53 | 57 |
| 9 : 15 - 9 : 30 | 35 | 58 |
| 9 : 30 - 9 : 45 | 59 | 50 |
| 9 : 45 - 10 : 00 | 36 | 58 |
| 10 : 00 - 10 : 15 | 64 | 64 |
| 10 : 15 - 10 : 30 | 70 | 36 |
| 10 : 30 - 10 : 45 | 39 | 49 |
| 10 : 45 - 11 : 00 | 44 | 47 |
| 11 : 00 - 11 : 15 | 42 | 48 |
| 11 : 15 - 11 : 30 | 42 | 58 |
| 11 : 30 - 11 : 45 | 47 | 54 |
| 11 : 45 - 12 : 00 | 35 | 51 |

| Time, AM | Cars/Hour | |
|-------------------|------------|-------|
| | Mov 1 | Mov 5 |
| 5 : 00 - 6 : 00 | 419 | 55 |
| 5 : 15 - 6 : 15 | 520 | 68 |
| 5 : 30 - 6 : 30 | 460 | 88 |
| 5 : 45 - 6 : 45 | 407 | 89 |
| 6 : 00 - 7 : 00 | 343 | 92 |
| 6 : 15 - 7 : 15 | 248 | 112 |
| 6 : 30 - 7 : 30 | 230 | 118 |
| 6 : 45 - 7 : 45 | 205 | 136 |
| 7 : 00 - 8 : 00 | 187 | 151 |
| 7 : 15 - 8 : 15 | 187 | 151 |
| 7 : 30 - 8 : 30 | 190 | 162 |
| 7 : 45 - 8 : 45 | 186 | 170 |
| 8 : 00 - 9 : 00 | 183 | 176 |
| 8 : 15 - 9 : 15 | 186 | 194 |
| 8 : 30 - 9 : 30 | 171 | 200 |
| 8 : 45 - 9 : 45 | 182 | 210 |
| 9 : 00 - 10 : 00 | 183 | 223 |
| 9 : 15 - 10 : 15 | 194 | 230 |
| 9 : 30 - 10 : 30 | 229 | 208 |
| 9 : 45 - 10 : 45 | 209 | 207 |
| 10 : 00 - 11 : 00 | 217 | 196 |
| 10 : 15 - 11 : 15 | 195 | 180 |
| 10 : 30 - 11 : 30 | 167 | 202 |
| 10 : 45 - 11 : 45 | 175 | 207 |
| 11 : 00 - 12 : 00 | 166 | 211 |
| Time, AM to PM | | |
| 11 : 15 - 12 : 15 | 172 | 219 |
| 11 : 30 - 12 : 30 | 185 | 205 |
| 11 : 45 - 12 : 45 | 196 | 197 |

**Seismic Retrofit of Various Bridges, Vicinity of Laupahoehoe, Phase 2
District of North Hilo, Island of Hawaii**

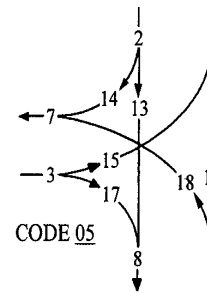
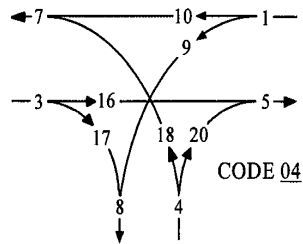
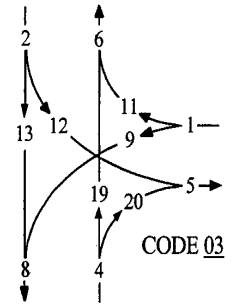
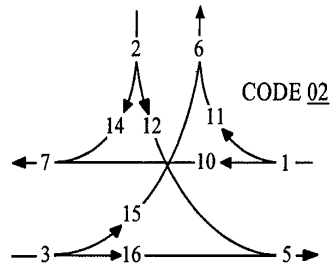
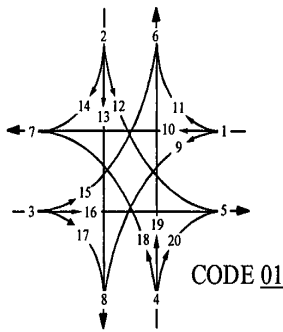
| Time, PM | Mov 1 | Mov 5 |
|-------------------|-------|-------|
| 12 : 00 - 12 : 15 | 48 | 56 |
| 12 : 15 - 12 : 30 | 55 | 44 |
| 12 : 30 - 12 : 45 | 58 | 46 |
| 12 : 45 - 1 : 00 | 44 | 46 |
| 1 : 00 - 1 : 15 | 36 | 38 |
| 1 : 15 - 1 : 30 | 40 | 48 |
| 1 : 30 - 1 : 45 | 49 | 49 |
| 1 : 45 - 2 : 00 | 33 | 37 |
| 2 : 00 - 2 : 15 | 50 | 56 |
| 2 : 15 - 2 : 30 | 30 | 51 |
| 2 : 30 - 2 : 45 | 37 | 63 |
| 2 : 45 - 3 : 00 | 40 | 37 |
| 3 : 00 - 3 : 15 | 60 | 49 |
| 3 : 15 - 3 : 30 | 45 | 57 |
| 3 : 30 - 3 : 45 | 50 | 75 |
| 3 : 45 - 4 : 00 | 43 | 77 |
| 4 : 00 - 4 : 15 | 53 | 44 |
| 4 : 15 - 4 : 30 | 44 | 67 |
| 4 : 30 - 4 : 45 | 45 | 82 |
| 4 : 45 - 5 : 00 | 59 | 68 |
| 5 : 00 - 5 : 15 | 40 | 78 |
| 5 : 15 - 5 : 30 | 62 | 58 |
| 5 : 30 - 5 : 45 | 49 | 64 |
| 5 : 45 - 6 : 00 | 47 | 39 |
| 6 : 00 - 6 : 15 | 39 | 51 |
| 6 : 15 - 6 : 30 | 45 | 50 |
| 6 : 30 - 6 : 45 | 34 | 41 |
| 6 : 45 - 7 : 00 | 31 | 56 |
| 7 : 00 - 7 : 15 | 18 | 23 |
| 7 : 15 - 7 : 30 | 31 | 33 |
| 7 : 30 - 7 : 45 | 26 | 20 |
| 7 : 45 - 8 : 00 | 16 | 18 |
| 8 : 00 - 8 : 15 | 15 | 26 |
| 8 : 15 - 8 : 30 | 21 | 20 |

| Time, PM | Mov 1 | Mov 5 |
|-------------------------------|------------|------------|
| 12 : 00 - 1 : 00 | 205 | 192 |
| 12 : 15 - 1 : 15 | 193 | 174 |
| 12 : 30 - 1 : 30 | 178 | 178 |
| 12 : 45 - 1 : 45 | 169 | 181 |
| 1 : 00 - 2 : 00 | 158 | 172 |
| 1 : 15 - 2 : 15 | 172 | 190 |
| 1 : 30 - 2 : 30 | 162 | 193 |
| 1 : 45 - 2 : 45 | 150 | 207 |
| 2 : 00 - 3 : 00 | 157 | 207 |
| 2 : 15 - 3 : 15 | 167 | 200 |
| 2 : 30 - 3 : 30 | 182 | 206 |
| 2 : 45 - 3 : 45 | 195 | 218 |
| 3 : 00 - 4 : 00 | 198 | 258 |
| 3 : 15 - 4 : 15 | 191 | 253 |
| 3 : 30 - 4 : 30 | 190 | 263 |
| 3 : 45 - 4 : 45 | 185 | 270 |
| 4 : 00 - 5 : 00 | 201 | 261 |
| 4 : 15 - 5 : 15 | 188 | 295 |
| 4 : 30 - 5 : 30 | 206 | 286 |
| 4 : 45 - 5 : 45 | 210 | 268 |
| 5 : 00 - 6 : 00 | 198 | 239 |
| 5 : 15 - 6 : 15 | 197 | 212 |
| 5 : 30 - 6 : 30 | 180 | 204 |
| 5 : 45 - 6 : 45 | 165 | 181 |
| 6 : 00 - 7 : 00 | 149 | 198 |
| 6 : 15 - 7 : 15 | 128 | 170 |
| 6 : 30 - 7 : 30 | 114 | 153 |
| 6 : 45 - 7 : 45 | 106 | 132 |
| 7 : 00 - 8 : 00 | 91 | 94 |
| 7 : 15 - 8 : 15 | 88 | 97 |
| 7 : 30 - 8 : 30 | 78 | 84 |
| Mov 1 Max cars/lane/hr | 520 | |
| Mov 5 Max cars/lane/hr | | 295 |
| Max cars/lane/hr | | 520 |

From above table, use \$1,000 and \$10,000 respectively. Revise Subsection 108.10 accordingly.

**Seismic Retrofit of Various Bridges, Vicinity of Laupahoehoe, Phase 2
District of North Hilo, Island of Hawaii**

INTERSECTION TYPE AND TRAFFIC TURN MOVEMENT
NUMBERING GUIDE



NOTE: Intersection type and traffic movements are referenced by positioning movement no. 6 facing in the northerly direction.