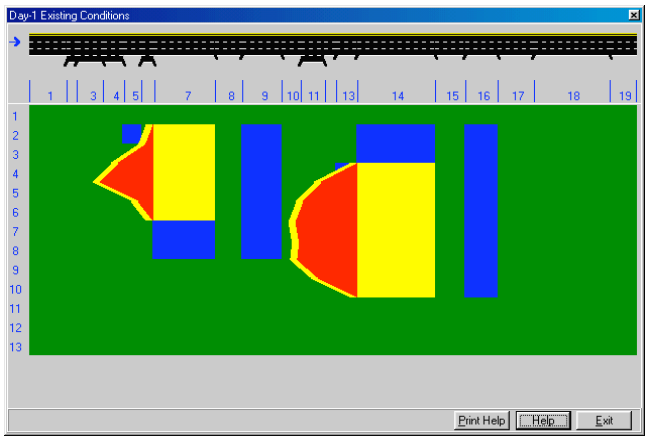
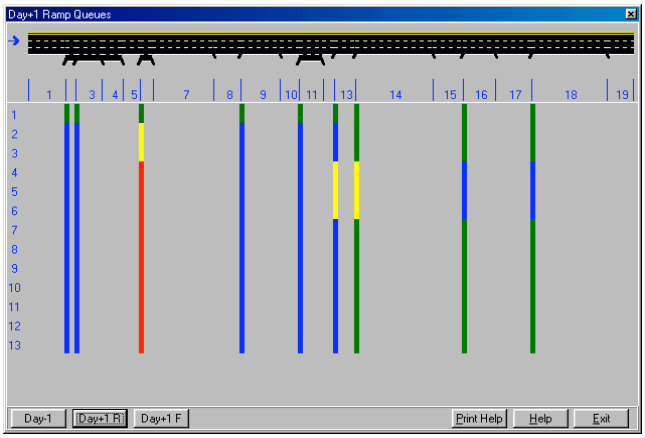
THE INSTITUTE OF TRANSPORTATION STUDIES at the UNIVERSITY OF CALIFORNIA, BERKELEY

FREEWAY CORRIDOR SIMULATION MODEL

FREQ12



Freeway Performance



Ramp Performance

FREQ12 is a macroscopic model that can analyze

- Geometric design improvements
- On-freeway HOV facilities
- Normal and priority entry control
- On-freeway HOV facilities in combination with entry control (some restrictions)
- Time-varying reconstruction and incident events
- Freeway-arterial diversion
- Bus and HOV vehicle modal responses
- Future growth scenarios
- Fuel and emission consequences
- Selected ATIS/ATMS combinations

FREQ12 has many unique analytical features such as

- Full use of Windows capabilities
- Multiple time slices over extended periods
- Modeling a freeway corridor
- Analyzing multiple bottleneck over-saturated flow conditions
- Converting traffic counts to O-D tables
- Essentially no limits on length of freeway corridor
- Ramp metering optimization
- Extremely short running times
- Modest computer requirements
- Extensive set of input checks and help screens
- Color graphic outputs
- Over 30 years of practical real-life application

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Cost: $600.00
Support: 1 year of phone and e-mail support included
Training: **Offered periodically.** Send email to be added to mailing list.

See our web site for more information: **www.its.berkeley.edu/research/freq.html**