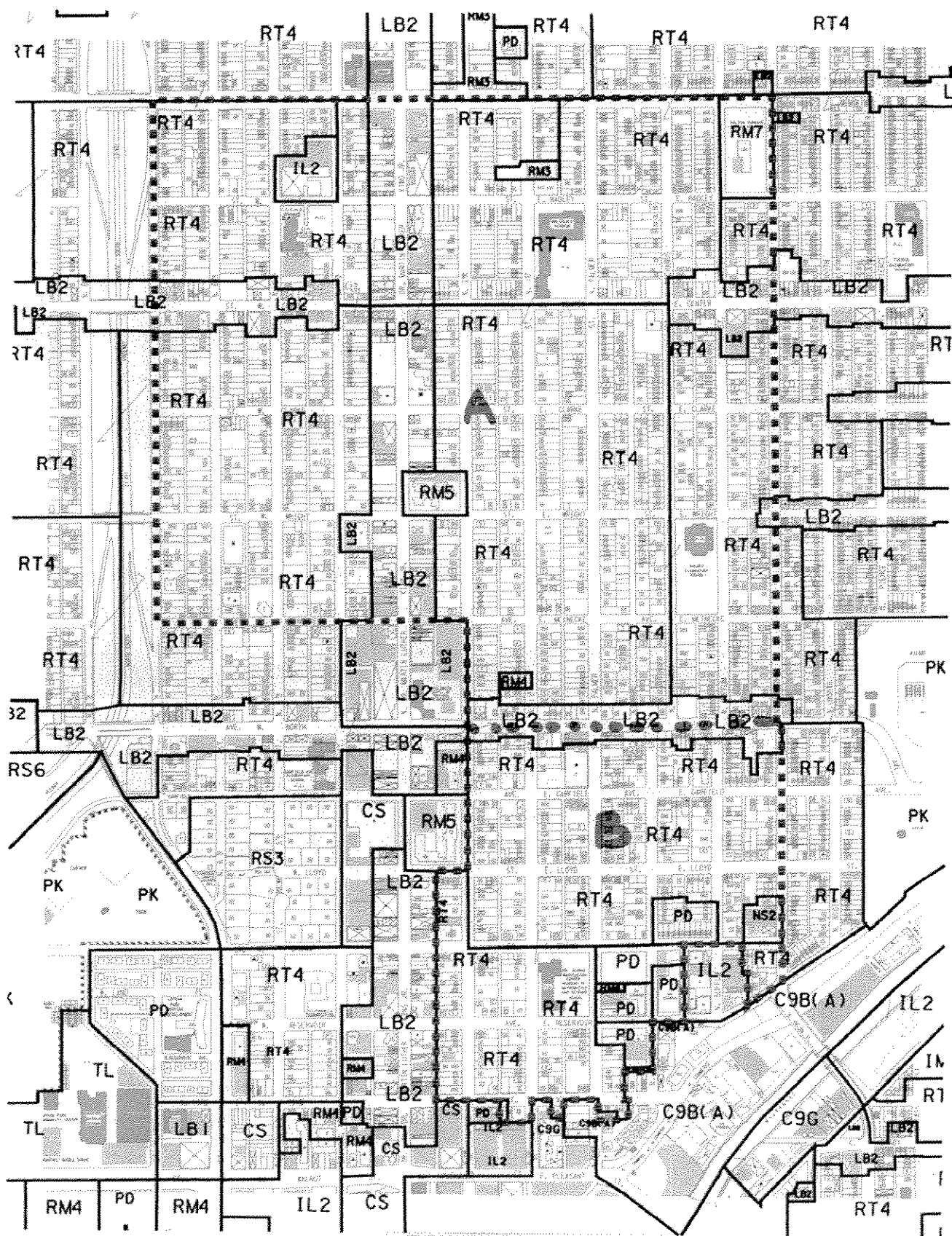


Overlay-District



1. $\frac{1}{2} \log_2 \frac{1}{2} = -\frac{1}{2} \log_2 2 = -\frac{1}{2} \cdot 1 = -\frac{1}{2}$
 2. $\frac{1}{4} \log_2 \frac{1}{4} = -\frac{1}{4} \log_2 4 = -\frac{1}{4} \cdot 2 = -\frac{1}{2}$
 3. $\frac{1}{8} \log_2 \frac{1}{8} = -\frac{1}{8} \log_2 8 = -\frac{1}{8} \cdot 3 = -\frac{3}{8}$
 4. $\frac{1}{16} \log_2 \frac{1}{16} = -\frac{1}{16} \log_2 16 = -\frac{1}{16} \cdot 4 = -\frac{1}{4}$
 5. $\frac{1}{32} \log_2 \frac{1}{32} = -\frac{1}{32} \log_2 32 = -\frac{1}{32} \cdot 5 = -\frac{5}{32}$
 6. $\frac{1}{64} \log_2 \frac{1}{64} = -\frac{1}{64} \log_2 64 = -\frac{1}{64} \cdot 6 = -\frac{3}{32}$
 7. $\frac{1}{128} \log_2 \frac{1}{128} = -\frac{1}{128} \log_2 128 = -\frac{1}{128} \cdot 7 = -\frac{7}{128}$
 8. $\frac{1}{256} \log_2 \frac{1}{256} = -\frac{1}{256} \log_2 256 = -\frac{1}{256} \cdot 8 = -\frac{1}{32}$
 9. $\frac{1}{512} \log_2 \frac{1}{512} = -\frac{1}{512} \log_2 512 = -\frac{1}{512} \cdot 9 = -\frac{9}{512}$
 10. $\frac{1}{1024} \log_2 \frac{1}{1024} = -\frac{1}{1024} \log_2 1024 = -\frac{1}{1024} \cdot 10 = -\frac{5}{512}$
 11. $\frac{1}{2048} \log_2 \frac{1}{2048} = -\frac{1}{2048} \log_2 2048 = -\frac{1}{2048} \cdot 11 = -\frac{11}{2048}$
 12. $\frac{1}{4096} \log_2 \frac{1}{4096} = -\frac{1}{4096} \log_2 4096 = -\frac{1}{4096} \cdot 12 = -\frac{3}{1024}$
 13. $\frac{1}{8192} \log_2 \frac{1}{8192} = -\frac{1}{8192} \log_2 8192 = -\frac{1}{8192} \cdot 13 = -\frac{13}{8192}$
 14. $\frac{1}{16384} \log_2 \frac{1}{16384} = -\frac{1}{16384} \log_2 16384 = -\frac{1}{16384} \cdot 14 = -\frac{7}{8192}$
 15. $\frac{1}{32768} \log_2 \frac{1}{32768} = -\frac{1}{32768} \log_2 32768 = -\frac{1}{32768} \cdot 15 = -\frac{15}{32768}$
 16. $\frac{1}{65536} \log_2 \frac{1}{65536} = -\frac{1}{65536} \log_2 65536 = -\frac{1}{65536} \cdot 16 = -\frac{1}{4096}$
 17. $\frac{1}{131072} \log_2 \frac{1}{131072} = -\frac{1}{131072} \log_2 131072 = -\frac{1}{131072} \cdot 17 = -\frac{17}{131072}$
 18. $\frac{1}{262144} \log_2 \frac{1}{262144} = -\frac{1}{262144} \log_2 262144 = -\frac{1}{262144} \cdot 18 = -\frac{9}{65536}$
 19. $\frac{1}{524288} \log_2 \frac{1}{524288} = -\frac{1}{524288} \log_2 524288 = -\frac{1}{524288} \cdot 19 = -\frac{19}{524288}$
 20. $\frac{1}{1048576} \log_2 \frac{1}{1048576} = -\frac{1}{1048576} \log_2 1048576 = -\frac{1}{1048576} \cdot 20 = -\frac{5}{131072}$