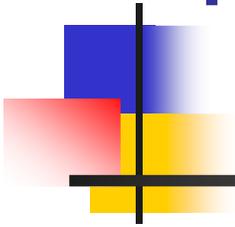


Ramp and Access Point Spacing

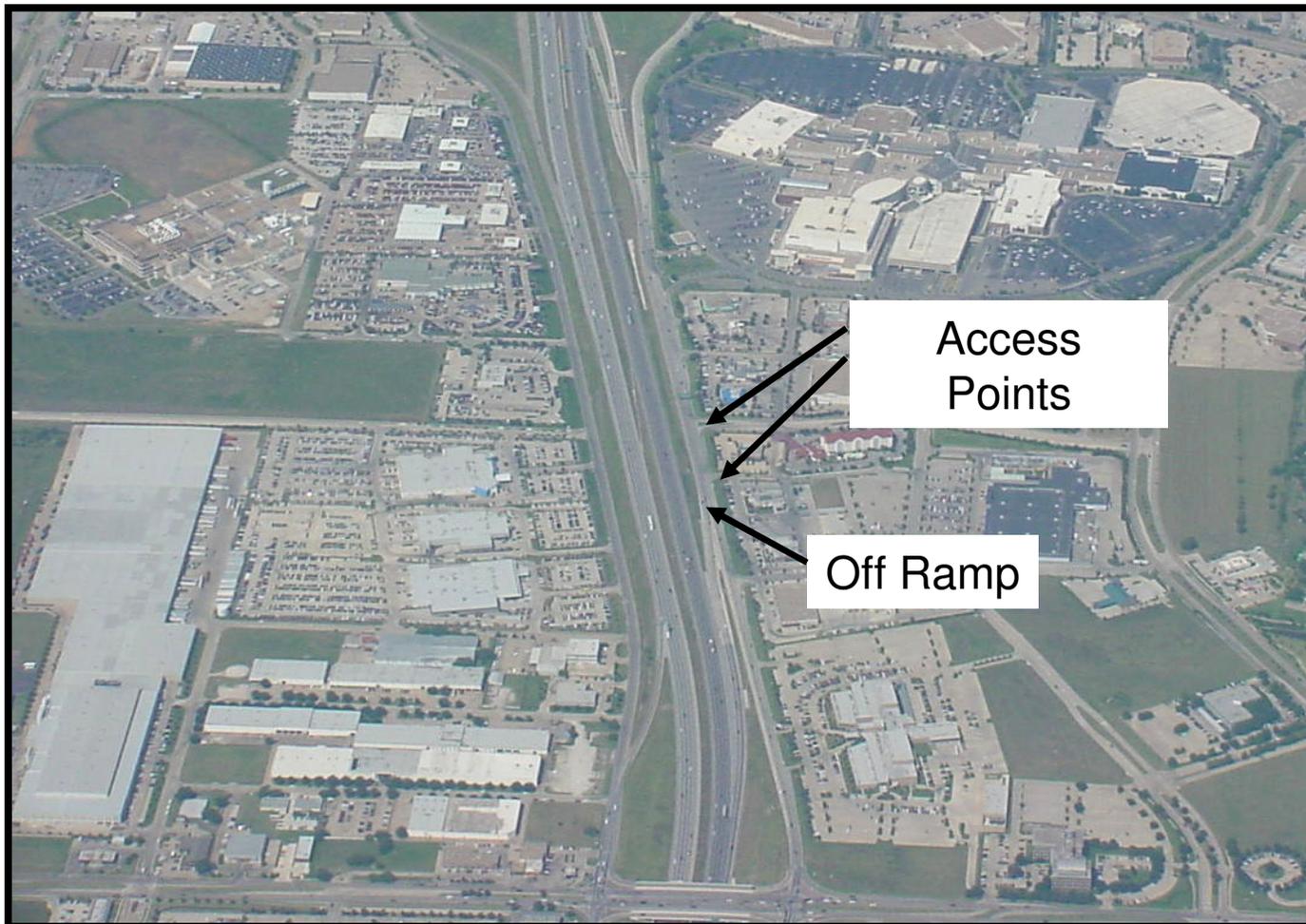


Ramp and Driveway Spacing



- Ramp Gore Area

Mall Entrance – Proximity to Freeway Ramp



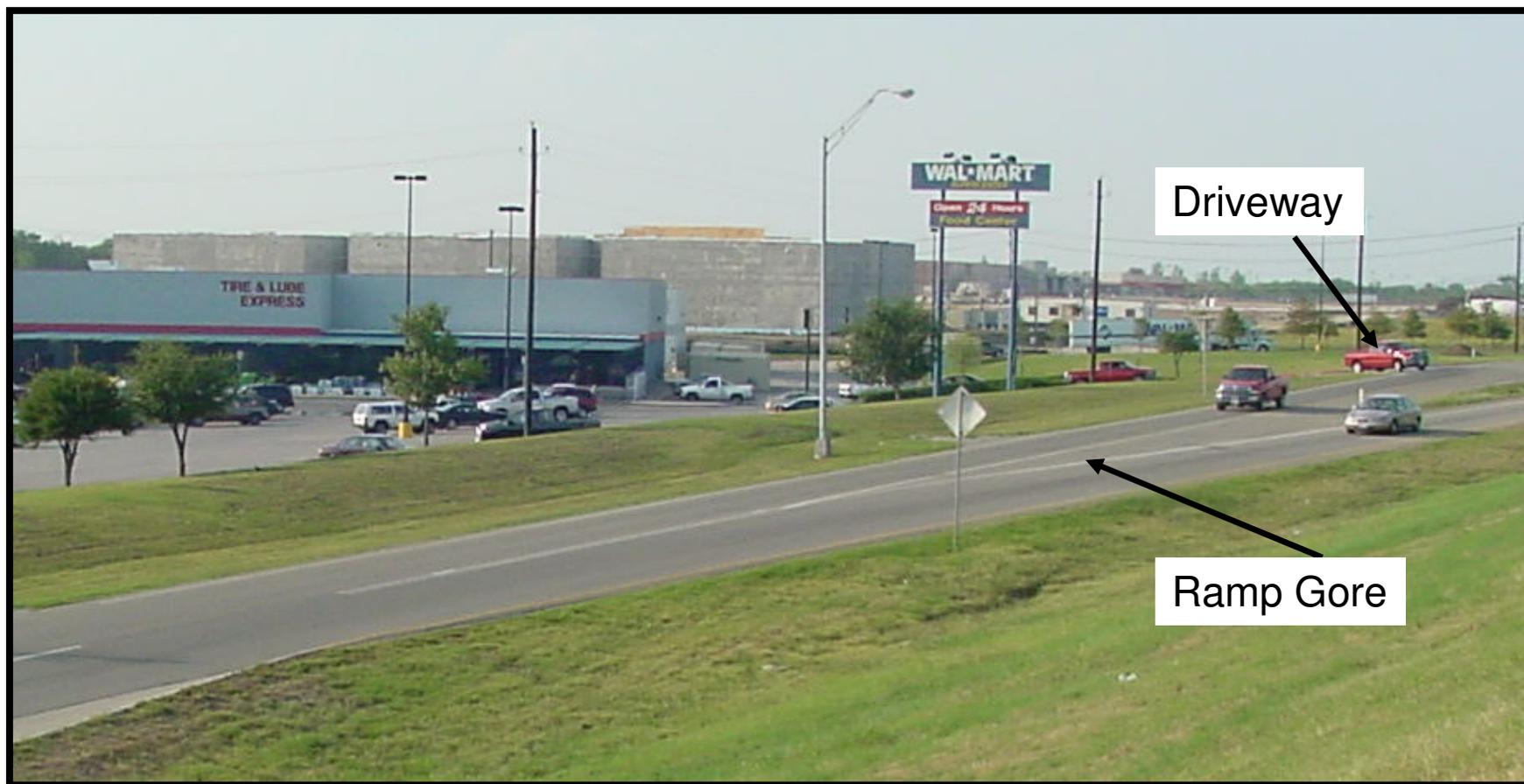
Mall Entrance – Proximity to Freeway Ramp



Mall Ingress and Egress on Frontage Road



Driveway – Ramp Spacing

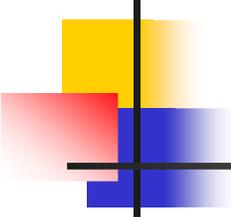


Driveways and Ramp



Driveway/Ramp Spacing and Right-In/Right Out





Conclusions

- Keep access points away (upstream or downstream) from ramp gores
- Use physical features to prohibit unsafe maneuvers
- Keep driveways off of ramps