

## **APPENDIX B – Access Management**

Following is information regarding an “Access Management Toolkit” that was part of previous planning efforts in Orange County. (Source: Iowa State University, Center for Transportation Research and Education website:

<http://www.ctre.iastate.edu/Research/access/toolkit/index.htm>)

### **ACCESS MANAGEMENT TOOLKIT: ANSWERS TO FREQUENTLY ASKED QUESTIONS**

#### **ACCESS MANAGEMENT CONCEPTS**

- 1. DRIVEWAY-RELATED CRASHES**
- 2. DRIVEWAY SPACING**
- 3. DRIVEWAY DENSITY AND DRIVEWAY CONSOLIDATION**
- 4. INTERSECTION SPACING AND TRAFFIC SIGNAL SPACING**
- 5. FUNCTIONAL AREAS OF INTERSECTIONS**
- 6. CONFLICT POINTS**
- 7. SPEED DIFFERENTIAL BETWEEN TURNING VEHICLES AND THROUGH TRAFFIC**
- 8. BENEFITS OF ACCESS MANAGEMENT**
- 9. ECONOMIC IMPACTS OF ACCESS MANAGEMENT**
- 10. ACCESS MANAGEMENT AND PEDESTRIAN SAFETY**

#### **COMMON ACCESS MANAGEMENT TREATMENTS**

- 11. DRIVEWAY GRADE**
- 12. DRIVEWAY WIDTH**
- 13. CLEARING DRIVEWAYS AWAY FROM CORNERS**
- 14. SHARED/JOINT DRIVEWAYS AND/OR CROSS ACCESS**
- 15. CONTINUOUS TWO-WAY LEFT-TURN LANES**
- 16. THREE-LANE ROADWAYS WITH TWO-WAY LEFT-TURN LANES**

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**17. RAISED MEDIANS AT INTERSECTIONS**

**18. CONTINUOUS RAISED MEDIAN**

**19. COMPARISON OF RAISED MEDIAN AND TWO-WAY LEFT-TURN LANES**

**20. FRONTAGE AND BACKAGE ROADS**

**21. DEDICATED LEFT AND RIGHT TURNING LANES**

**22. DRIVEWAY TURN RADIUS**

**23. INTERNAL CIRCULATION IN LAND DEVELOPMENTS**

<b>OTHER CORRIDOR DESIGN CONSIDERATIONS</b>
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**24. SIGHT DISTANCE**

**25. INCORPORATING AESTHETICS INTO ACCESS MANAGEMENT**

**26. CLEAR ZONES, UTILITY PLACEMENT AND LIGHTING**