

Analysis Procedure Manual – July 2008
Change Sheet – July 2008

Appendix A, Pages 1-2, Resources

Deleted:

Monitoring Systems
Discussion Paper No. 7
Draft 2005 Development Review Guidelines
ITE
Engineering Operations Section
Engineering Operations
July 2005
Transportation Analysis
ITE
Handbooks

Added:

(APM)
Transportation Research Circular 212: Interim Materials on Highway Capacity (1980)
Transportation Research Board
Congestion Management Program
Discussion Paper No. 7
Institute of Transportation Engineers, Fifth Edition
Traffic-Roadway Section (TRS)
Traffic-Roadway Section (TRS) Publications
Traffic Manual (March 2008)
Transportation Planning Analysis Unit (TPAU)
Handbook – A Recommended Practice, Institute of Transportation Engineers, 2nd Edition

Updated:

All links were updated to current websites

Appendix C, Pages 1-3, ODOT Traffic Engineering Authority

Deleted:

Page 1:

- TEOS
- Emergency Service Providers authorized to use Signal Preemption Systems
Signal Phasing – Addition or removal of pedestrian phases, concurrent to split phasing

Page 2:

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- U-Turns at Signalized Intersections (fifth item in table)
- Accessible Pedestrian Signals
- Detection-Loop, Video, etc.
- Land use signing at signalized intersections
- Left turn phase modifications:
 - Increased protection – Permissive to Protected-Permissive, Protected-Permissive to Protected, or Permissive to Protected
 - Less protection – Protected to Protected-Permissive, Or Protected-Permissive to Permissive
- NO TURN ON RED sign

Page 3:

- Accessible Pedestrian Signals
- Signal heads – Change out protected left green arrow only to all arrow, Move or realign, Programmed, Supplemental
- Work zone modifications = Phasing, Signal head locations, etc.

Added:

Page 1:

- March 2008
- TRS
- Colored Pavements

Page 2:

- Modifications...See Section 5.2.2.2 in Traffic Manual for a list of modifications that must be approved by the State Traffic Engineer

Page 3:

- Traffic Signals – Modifications ... Section 5.2.2.2 in Traffic Manual contains a list of modifications that must be approved by the State Traffic Engineer

Chapter 3, Pages 12-13, 3.5 Saturation Flow Rate Studies

Changed:

1800 to 1750

Chapter 7, Throughout Chapter

Updated Example Numbers

Chapter 7, Page 2, 7.2.1 Left Turn Lane Criteria

Added:

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– Unsignalized Intersections

Deleted:

The State Traffic Engineer shall review and approve all proposed left turn lanes at signalized intersections locations on the State Highway System to ensure proper signal operation, prior to design and constructions; and

Chapter 7, Page 6, 7.2.2 Right Turn Lane Criteria – Unsignalized Intersections

Deleted:

The State Traffic Engineer shall review and approve all proposed right turn lanes at signalized intersection locations on the State Highway System to ensure proper signal operations, prior to design and construction; and

Chapter 7, Page 9, 7.2.3 Criteria for Turn Lanes t Signalized Intersections

Added:

Turn lanes at signalized intersections are determined differently than at unsignalized intersections. At signalized intersections a left turn lane is always desirable, while a right turn lane is generally determined based on signal capacity needs. At signalized intersections, installation of turn lanes must be consistent with the requirements in ODOT's *Traffic Signal Policy and Guidelines* and the Traffic Manual and approval must be received.

Chapter 7, Page 59, 7.4 Signal Warrants

Changed: Manager **to:** Engineer