

- Page F-42 – Added the following language to the beginning of the page; “*See Figure 13 – Roundabout Details. When a roundabout design is proposed, the District Administrator’s Designee should consult the District Location and Design Engineer.*”

Deleted the following language in the last sentence in the last paragraph from; “*The approval and appeals will be the same as used above for these roadway systems with one exception: urban systems will require approval of the Local Assistance Division Administrator as well as the State Location and Design Engineer.*”

To; “The approval and appeals will be the same as used above.”

- Page F-48 – Revised the following language in the first sentence in the first paragraph under “Turn Lane Criteria for Single and Dual Lanes” from; “*As a general policy, left-turn lanes are to be provided for traffic in both directions in the design of all median crossovers on non-access controlled...*”
To; As a general policy, left-turn lanes are to be provided for traffic in both directions in the design of median crossovers “*and in one directional median opening (see Figure 3-25 illustration)*” on non-access controlled...

- Page F-50 – Added the following language under FIGURE 3-3 WARRARNTS FOR LEFT TURN STORAGE LANES ON FOUR-LANE HIGHWAYS; “*Opposing volume and left turning volume in vehicles per hour (VPH) are used for left turn storage lane warrants on four-lane highways.*”

Added the following language at the bottom of the page; “*The No. 211 study was undertaken to provide consistent volume warrants for left-turn storage lanes at unsignalized intersections.*”

Deleted the following language; “*When the Average Running Speed on an existing facility is available, the corresponding Design Speed may be obtained from IIM LD- 117.*”

- Page F-51 – Added the following language at the beginning of the page; “*Advancing volume and opposing volumes (VPH), speed and percent left turns are used to determine whether a left turn storage lane is warranted on two-lane highways.*”

Added the following language in the bottom right of the page; “*When the Average Running Speed on an existing facility is available, the corresponding Design Speed may be obtained from IIM LD- 117.*”

- Page F-52 – Revised the following language to the reference for FIGURE 3-4 PASSING/LEFT TURN LANE ON TWO-LANE HIGHWAY from; “*2003 MUTCD Chapter 6, Page 6C-8, Table 6C-4 (Formulas for Determining Channelizing Taper Lengths). Found at the following: <http://www.virginiadot.org/business/bu-mutcd-disclaim.asp>”
To; “*2011 Virginia Work Area Protection Manual, Chapter 6C, Page 6C-7*”.*