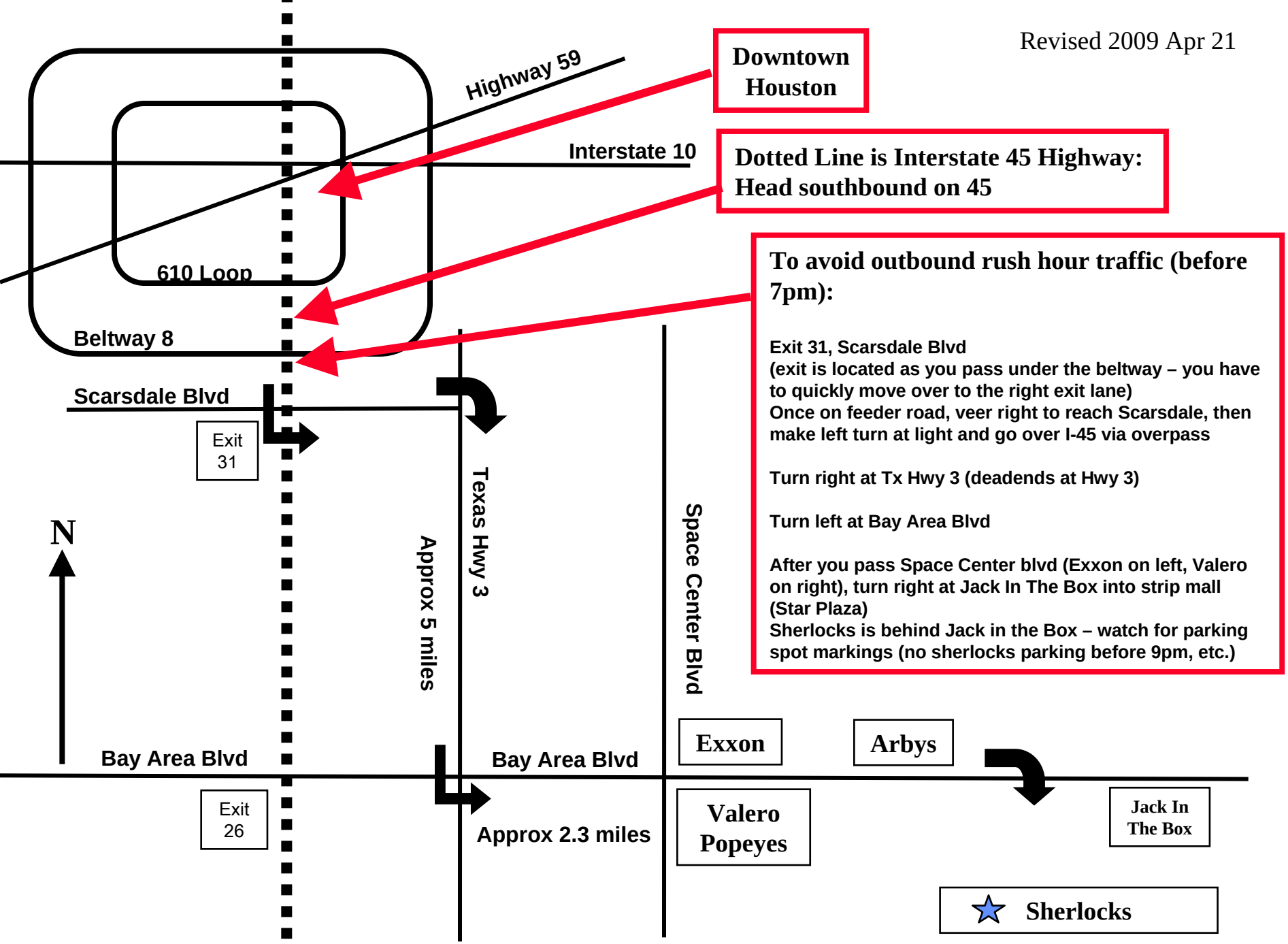Revised 2009 Apr 21