

*Track B Study Drive* will consist of the *Training Presentation*, the *Familiarization Drive*, three *Study Drives*, and the *Wait Time*. The *Training Presentation* provides a summary of the simulator, the familiarization drive, the study drive(s), and study tasks prior to the subject entering the simulator. This is expected to take 10 minutes. The *Familiarization Drive* acclimates the subject to the driving simulator and screens for simulator sickness. This is expected to take 20 minutes to complete the task. The three *Study Drives* are the main experiment in the driving simulator to assess the ability of the DMS to assess driver state. The *Track B* study drives takes approximately 60 minutes each. There is also a *Wait Time* for *Track B* respondents. This is the time between subjects completing the first study drive and beginning the second and third study drives (done back-to-back), during which the respondent can engage in tasks such as reading or watching movies but cannot sleep. This wait time will differ depending on whether the subject is scheduled first or second for the visit and is to ensure that subjects are drowsy for the second and third study drives. The average wait time for respondents will be 225 minutes; however, the respondents will need to utilize the Karolinska Sleepiness scale an average of eight times during this wait. To avoid double counting, eight minutes has been deducted from the average wait time, bringing the average to 217 minutes. There is no information collection directly from the respondent in this *Track B Study Drive* (aside from the sleepiness scale which is counted previously), but burden is calculated for time involved in the study. The entirety of *Track B Study Drive* is 427 minutes. There are 45 respondents who will participate in this and will participate once (12 respondents participating in both *Track A* and *B* and 33 participating in *Track B* only). However, it is expected that 5 respondents will experience simulator sickness and be unable to complete these procedures. Assuming roughly 75% of these 5 respondents cannot proceed to the first study drive due to simulator sickness and 25% begin but do not complete the second study drive, this results in 4 respondents with a burden of 30 minutes, 1 respondent with a burden of 277 minutes, and 40 respondents with a burden of 427 minutes. This results in an average time of 388.38 minutes.