EXHIBIT I

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T-Mobile USA, Inc.

Methodology for T-Mobile Drive Tests to Verify Compliance with T-Mobile/Sprint Merger Commitments

January 8, 2020

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I. INTRODUCTION

The Commission's order approving the license transfers associated with the merger of T-Mobile US, Inc. ("T-Mobile") and Sprint Corporation adopted as conditions commitments made by the Applicants in their *ex parte* filing dated May 20, 2019.[1] As described in the Order, one of those commitments requires T-Mobile to meet certain 5G network build-out commitments.[2] To verify the coverage area and speeds of its 5G service to determine compliance with the build-out commitments, T-Mobile committed to conducting a drive test utilizing a methodology mutually agreed to by T-Mobile and the Wireless Telecommunications Bureau ("Bureau").[3]

This document describes the methodology agreed to by T-Mobile and the Bureau, which T-Mobile will utilize to conduct drive tests following the third and sixth anniversaries of the merger's closing.

As described herein, T-Mobile will drive dense drive routes covering populated areas and major and minor roads. T-Mobile will drive approximately 1 million miles, more than five times the industry average (approximately 220,000), resulting in extensive testing in both urban and rural areas.

Stationary and mobile speed measurements will be taken in 500-meter grids that cover about 99.5% of the population, including 98% of the rural population. Approximately five million speed measurements, more than ten times the industry average (approximately 500,000), will be taken at different locations and in diverse network conditions to quantify delivered speeds. Measured data will be mapped to unique 500-meter grids in Census blocks containing population across the entire country, and the population of each Census block will be associated with the average speed across all speed-tested grids in the Census block. Note the population reference is derived from the 2016 Pitney Bowes study, which provides population at the Census block level based on the 2010 U.S. Census but updated based on more recent information.[4]

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[1] *Applications of T-Mobile US, Inc. and Sprint Corporation*, Memorandum Opinion and Order, Declaratory Ruling, and Order of Proposed Modification, WT Docket No. 18-197, FCC 19-103 (Nov. 5, 2019) ("Order").

[2] *Id.* at App. G, Att. 1.

[3] *Id.*

[4] *See* Letter from Nancy Victory, Counsel to T-Mobile, and Regina Keeney, Counsel to Sprint, to Marlene H. Dortch, Secretary, FCC, WT Docket No. 18-197, at 5-6 (filed May 20, 2019).