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OPEN MOBILITY FOUNDATION RELEASES CURB DATA SPECIFICATION
Cities and companies build common digital language to optimize commercial loading zones

Boston, MA (January 25, 2022) — Today, the Open Mobility Foundation (OMF) released the first version of its Curb Data Specification (CDS). Approved by their Curb Management Working Group Steering Committee, this release candidate is now available for public review and use.

“The Open Mobility Foundation’s goal is to equip public agencies with the tools they need to deliver more public value from urban curb space and meet the evolving needs of residents,” said Angela Giacchetti, Executive Director of the Open Mobility Foundation. **“Curb space has long been a scarce resource. And, while many cities have made progress in their curb management efforts, technology and data offer new tools to proactively manage curbs and support public spaces that better reflect community priorities like safety, environmental sustainability, and local business development.”**

CDS — [“Curb Data Specification”](#)—is a digital tool that helps cities and companies pilot and scale dynamic curb zones that optimize commercial loading activities. CDS provides a mechanism for cities to express curb regulations, measure activity, and develop policies that create more accessible, useful curbs. At its core, CDS is a set of APIs which allow cities

to digitally represent their curb space and communicate with curb users in different ways:

- **Curbs API:** A standard way for cities to digitally publish curb locations and regulations, which can be shared with the public and with companies using curb space.
- **Events API:** A standard way to transmit real-time and historic commercial events happening at the curb to cities. Event data can be derived from company data feeds, sensors, check-ins, and other city data sources.
- **Metrics API:** Track curb usage session details and define common calculation methodologies to measure historic dwell time, occupancy, usage and other aggregated statistics.

“CDS was built through OMF’s unique, open source model,” said Brian Hamlin, Strategic Advisor, Curbside Management for the Seattle Department of Transportation and former chair of the OMF Curb Management Working Group Steering Committee. **“The OMF brought together a diverse group of leaders from across public and private sectors to develop the specification. Together, we outlined priorities, assessed related projects, set a scope of work, and worked as a community to bring the project to life. This group understood the current challenges of moving people and goods in our evolving cities and committed themselves to finding solutions. I’m honored to have been a part of this collaborative effort and believe it results in a stronger specification.”**

The call for this work came from cities that want to use data standards to advance curb management. CDS is developed as a free and open standard by a public Curb Management Working Group that began work in 2020 and includes 160+ leaders of major US cities, transit systems, global automotive and delivery enterprises, and technology companies. Many of these participants are planning to deploy the specification in upcoming curb pilots.

“Cities recognize the need to develop a common data standard that gives them the

information needed to support policy innovation,” said Michael Carroll, Managing Director for Philadelphia’s Office of Transportation and Infrastructure Systems and member of the OMF Board of Directors. **“We’re thrilled to put CDS into action in our upcoming Smart Loading Zone pilot, which aims to digitally map curb space and create reservation-based loading zones to relieve congestion and improve safety.”**

The CDS 1.0 release candidate will now go through OMF’s governance process, which includes votes by their Technology Council and Board of Directors, before being considered an official version.

The [Open Mobility Foundation](#) is a nonprofit that develops open source tools for cities to manage mobility. Founded in 2019, the Open Mobility Foundation brings together public and private sector stakeholders to understand issues surrounding emerging mobility and create digital tools like the [Mobility Data Specification](#) (MDS), which is now used in more than 120 cities around the world. The Open Mobility Foundation is led by cities and has the support of more than 50 members representing a diverse group of public agencies, technology companies, and mobility service providers.

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To learn more about the Curb Data Specification, please visit:
<https://www.openmobilityfoundation.org/about-cds/>