



TRB  **2020**
ANNUAL MEETING

99th Annual Meeting
Washington, D.C.
January 12–16, 2020

**DIVISION OF MULTIMODAL
SERVICES**

**BUREAU OF FREIGHT PLANNING
& SERVICES**

Maryiam Kazmi, AICP, Transportation Planner

SESSION ATTENDED

1

Increasing Truck Parking Supply
and Availability



2

The Future of North American
Freight Rail Transportation



3

Sustainable and Efficient
Solutions for Last Mile
Distribution

SITE SELECTION PROCESS

- ❑ Driver Shortage- Millennials do not want to be truck drivers
- ❑ Clients are looking to be as close as they can to domestic intermodal facilities because they will save time & money
- ❑ The railroads are demanding that container must be picked up within 24-48 hours, or they will charge fee for storage
- ❑ This will trigger the demand for adding truck parking for existing and new warehouse location
- ❑ Less congestion areas – Hot Tertiary Markets (Savannah, GA- Charleston, SC)



- ❑ 2019 TOP industry issues: **driver shortage, hours-of-service and truck parking.**

Capacity

- ❑ Optimize existing pavement at rest areas and other public truck parking facilities (revise rest formula, site redesign)
- ❑ Encourage the use of underutilized truck parking spaces at weigh stations
- ❑ Collocate overnight truck parking with commuter park-and-ride lots in high demand areas
- ❑ Leverage and revise if needed the P3 legislation to develop new truck parking facilities

Policy

- ❑ Dedicated funding for truck parking projects either through legislative request or by leverage NHFP funds (consider both capital and O&M cost)
- ❑ Provide guidance to MPOs and local municipalities to improve row and curbside management strategies and offer greater flexibility for freight parking options
- ❑ Work with MPOs and local communities to incorporate secure truck parking requirements at new freight generating facilities (land use ordinance)

LAST MILE LOGISTIC TRENDS AROUND THE WORLD

Drones and robots for deliveries

- ❑ FAA recent approval for UPS on hospitals and campuses, test from Wing/Fedex/Wallgreens
- ❑ Swiss Post: delivery of pharmaceuticals in Zurich and Lugano
- ❑ Nuro robots for Walmart and Kroger

Shared delivery lockers

- ❑ Pick-up points area n increasingly popular option
- ❑ Shared delivery lockers: Cubee (Belgium Post)

Electrically assisted cargo bikes- mostly in Europe

- ❑ Urban warehouse for amazon prime now in Paris
- ❑ Electric Freight Barge on the Seine :Fludis
- ❑ Since sept 2019 new barge from west port to central Paris
- ❑ Cargo cycles on board
- ❑ Delivering parcels and pallets form Lyreco and Ikea on the way in and paper electronic waste on the way back



