REALTIME FLEXIBLE VANPOOL

CarpoolNow Model

Stephen Finafrock
Commuter Operations Center Manager

Commuter Connections Ridematching Committee December 20, 2022



Realtime Flexible Vanpool

- Concept scoped and vetted through Flexible Vanpool Workgroup
- Vanpool coordinator or passenger (not the driver) starts vanpool trip in CarpoolNow – just like a carpool
- System will automatically identify if the user's account is associated with a vanpool upon login and present the user with a single button to start their vanpool trip
- Vanpool drivers can spot riders and stop to pick them up in realtime
- Rider contact information will be shared



Realtime Ticketing Flowchart

(1A) Vanpool Coordinator
Activates App & Begins Route
- app runs in background while driving

(2) App Notifies Vanpool of Rider

(3A) Vanpool Sends Invitation to Rider to Join Vanpool

(5) Driver Picks Up Rider

 An established pickup point is displayed, along with a meet-up time. If the rider is late, the driver reserves the right to leave the pickup point. (1B) Potential Rider Searches for Active Vanpools

-app runs in background

(3B) Rider Receives Invitation to Join Vanpool

- One-way trip
- Cost of seat is displayed



- If invitation is accepted, Rider agrees to pay the fare for the seat.
- If invitation is no longer needed, the Driver is notified and can continue their commute.



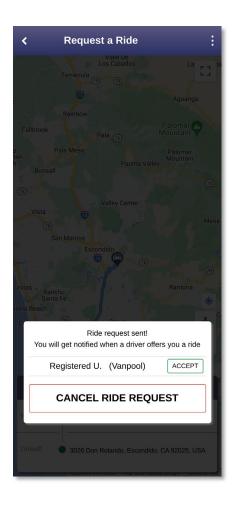
CarpoolNow – Vanpool Driver Screens

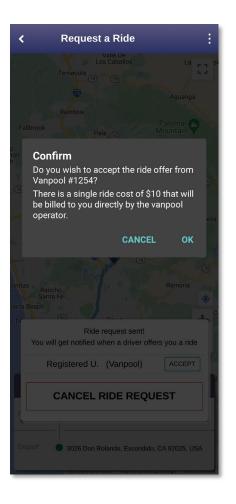






CarpoolNow - Vanpool Rider Screens







Vanpool Registrations Needed!



Flexible Vanpool FAQ for Vanpool Operators

Background

Commuter Connections developed and introduced "Flexible Vanpool" to help vanpools fill seats left empty due to the emergence of hybrid work schedules. Prior to the COVID-19 pandemic, community riding in vanpools did so with relative consistency five days a week. Post-pandemic, the work from home and commuting landscape has greatly changed; many previous vanpoolers are now teleworking 2-3 days per week and are driving alone to work on commuting days. This is clearly an undesirable predicament for vanpooling, traffic congestion, and the environment.

The challenge the vanpool culture/industry is facing, and that Commuter Connections hopes to change, is the perception vanpooling is not a viable commute option with a hybrid schedule. With Flexible Vanpool, the aim is to facilitate a convenient way for commuters to try vanpooling while on a hybrid schedule, either in real-time or by reserving a seat in advance.

These FAQs seek to answer some basic questions about how Vanpool Operators and Coordinators can participate in the Flexible Vanpool program to increase ridership and potentially add new rostered riders to vanpools.

What is Flexible Vanpool?

Flexible Vanpool is a new Commuter Connections program feature that helps Vanpool
Operators and Coordinators advertise open seats in their vanpool(s) to the public. Enrolling a
van in Flexible Vanpool means the public can request to join a vanpool in real-time or reserve
a seat for a one-time ride on the van in advance.

How do I enroll a vanpool into Flexible Vanpool?

- Vanpools can be programmed into the Commuter Connections TDM System by local rideshare coordinators or Commuter Connections staff. As part of the vanpool enrollment process, Vanpool Coordinators and Operators can elect to advertise their van as "flexible." (Important: Both the Vanpool Operator AND the Vanpool Coordinator must approve the flexible option for vanpools.) This will allow the van to display a cost-per-ride to the public. Other information needed for the enrollment process includes origin and destinations, departure and arrival times, days of operation, and vanpool Coordinator contact information.
- If more than five vanpools need to be uploaded, please see Appendix A on Page 3for a sample of an Excel spreadsheet that can be submitted for Commuter Connections staff to upload into the system.

Is there a cost for enrolling vanpools into Flexible Vanpool?

 No. Commuter Connections provides this service for free to all vanpools operating in the Washington, DC region.

What if I need to update or remove a vanpool record after its published?

 Contact Commuter Connections staff at <u>commutersupport@mwcog.org</u> to request information modifications or to remove a vanpool from Flexible Vanpool.

Metropolitan Washington Council of Governments National Capital Region Transportation Planning Board 7777 North Capitol Street, NE, Suite 300, Washington, Dc 20002-4290 www.commuteroonnections.org 800-745-RIDE The Commuter Information Source for Maryland, Viginia, and the District of Columbia





https://www.commuterconnections.org/flexible-vanpool/

Stephen Finafrock

Commuter Operations Center Manager (202) 962-3385 sfinafrock@mwcog.org

commuterconnections.org

Metropolitan Washington Council of Governments 777 North Capitol Street NE, Suite 300 Washington, DC 20002

