

TSMO AND MOD INTEGRATION PEER EXCHANGE

Vermont's Public Transit Data and Technology

FEBRUARY 19, 2021

PRESENTER: DAN CURRIER



Starts with MOD Sandbox Grant



VTrans Vision: A safe, reliable and multimodal transportation system that promotes Vermont's quality of life and economic wellbeing.

MOD Vision (sandbox objectives): System Integration, Innovative Business Model, equity of service delivery, partnership Driven

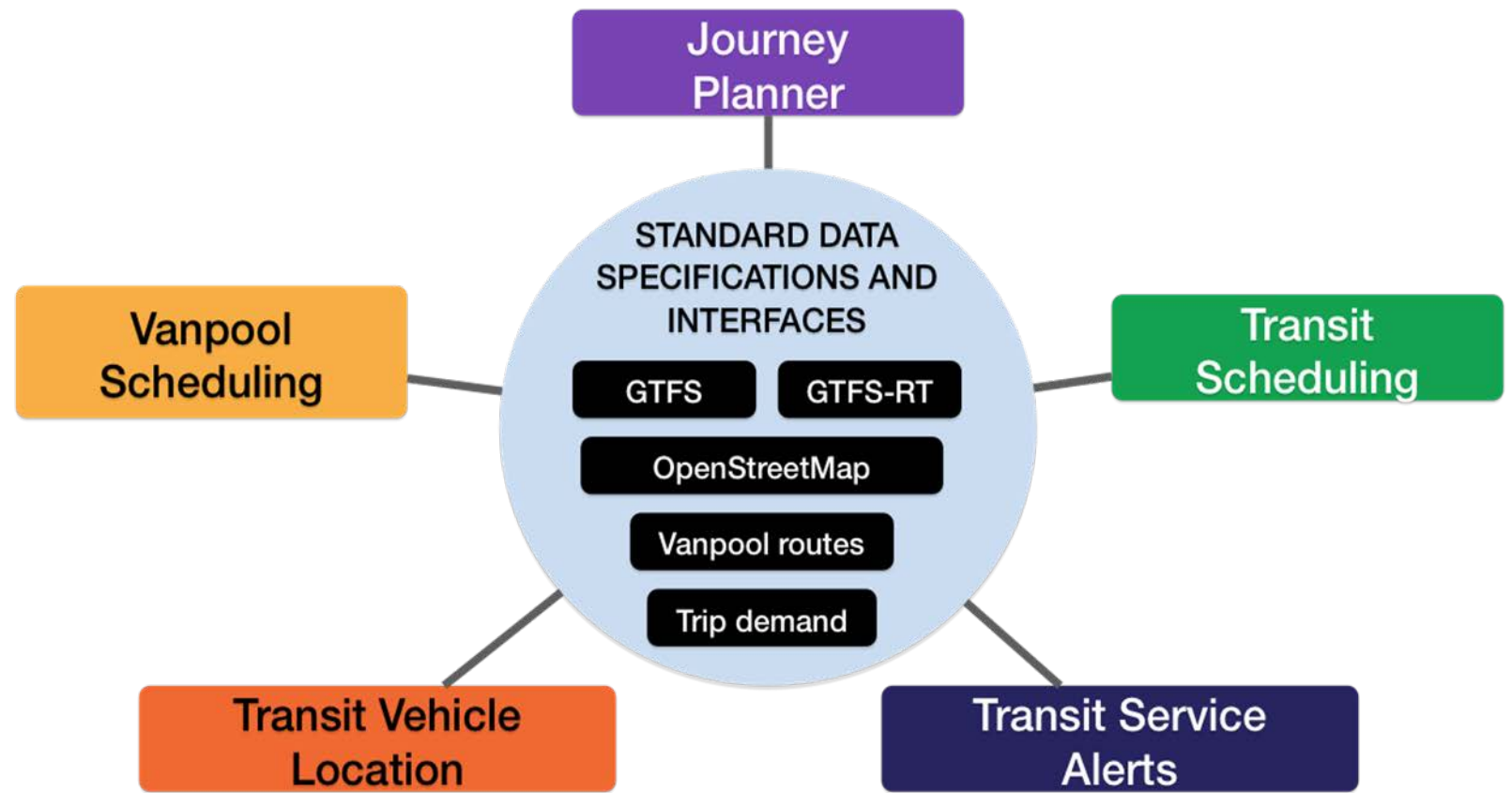
Flexible Trip Planner Vision: To provide a one-click/one-call tool for all transportation options for any trip.

GTFS-Flex

- Open-Source
- Affordable
- Scalable

Products to Date

- Trip Planner
- Transit App/AVL



Standards Allow Interoperability

INTEROPERABLE TECHNOLOGIES ARE MODULAR AND CAN BE REPLACED EASILY.

Menu

32 Daltons Rd, Duxbury, VT 05676

Montpelier, Vermont 05602

Leave now

OPTIONS

Sorry, we could not calculate transit directions from "32 Daltons Rd, Duxbury, VT 05676" to "Montpelier, Vermont 05602"



Find Rides:

For my commute (to work or school) ▼

A 32 Daltons Road, Duxbury, VT, USA

B Montpelier, VT, USA



- Matches ↔
- 1** carpooler
 - 0** vanpools
 - 3** transit routes
 - 1** bike route
 - 1** walk route
- ↔ compare options
- P** Park and ride

Transit ○ Routes ● Buddies

Depart at ▼
Tue, Feb 2 ▼ @ 4:30 pm ▼

Walk up to 2 miles ▼

Show services requiring reservation

Show services with eligibility requirements

> **83** > > **86** >

Depart 4:57 pm • 1 hr 48 mins

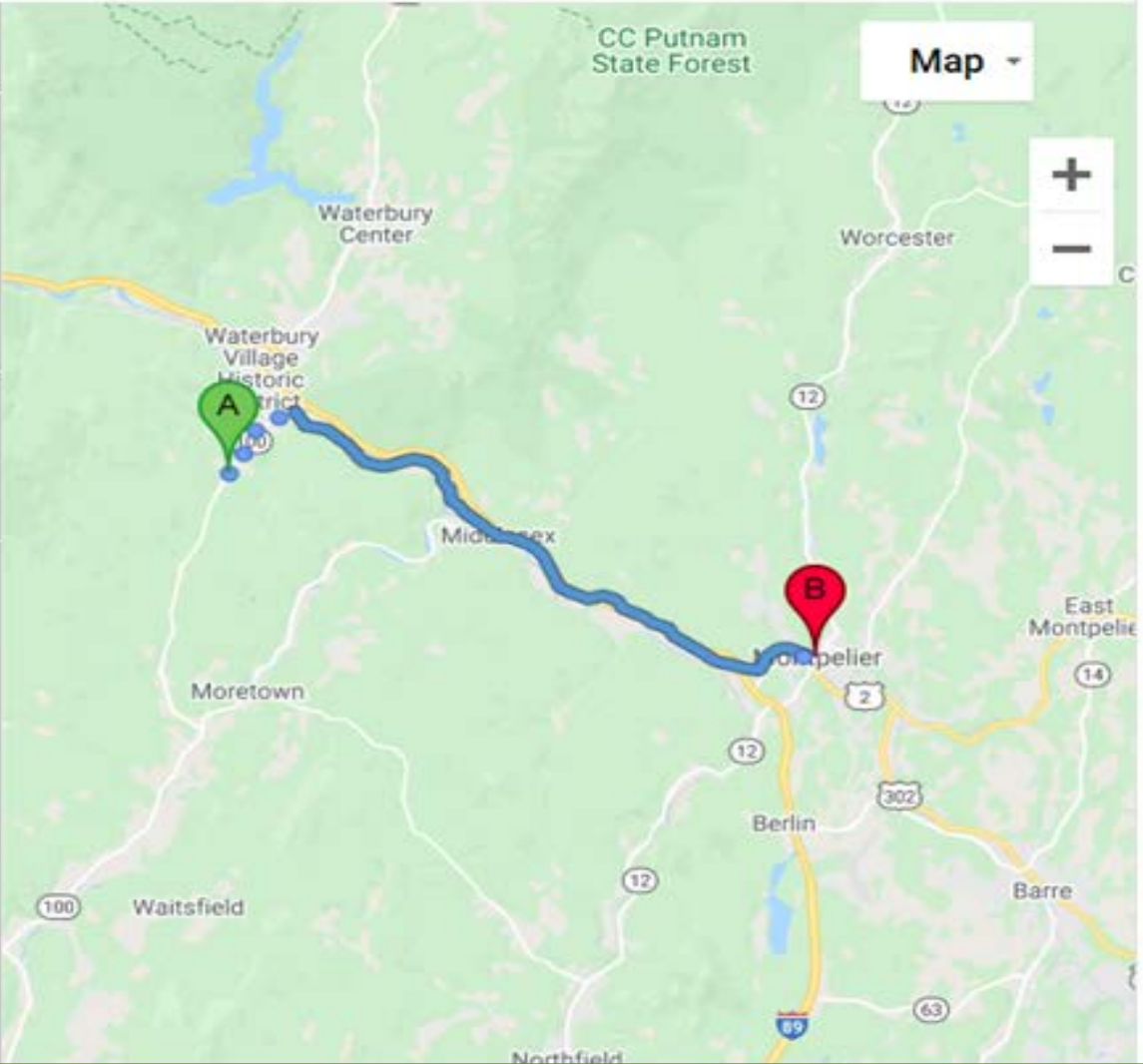
> **83** >

Depart 5:11 pm • 59 mins • \$2.00










5:11 pm ○ WALK to Route 2 at Route 100

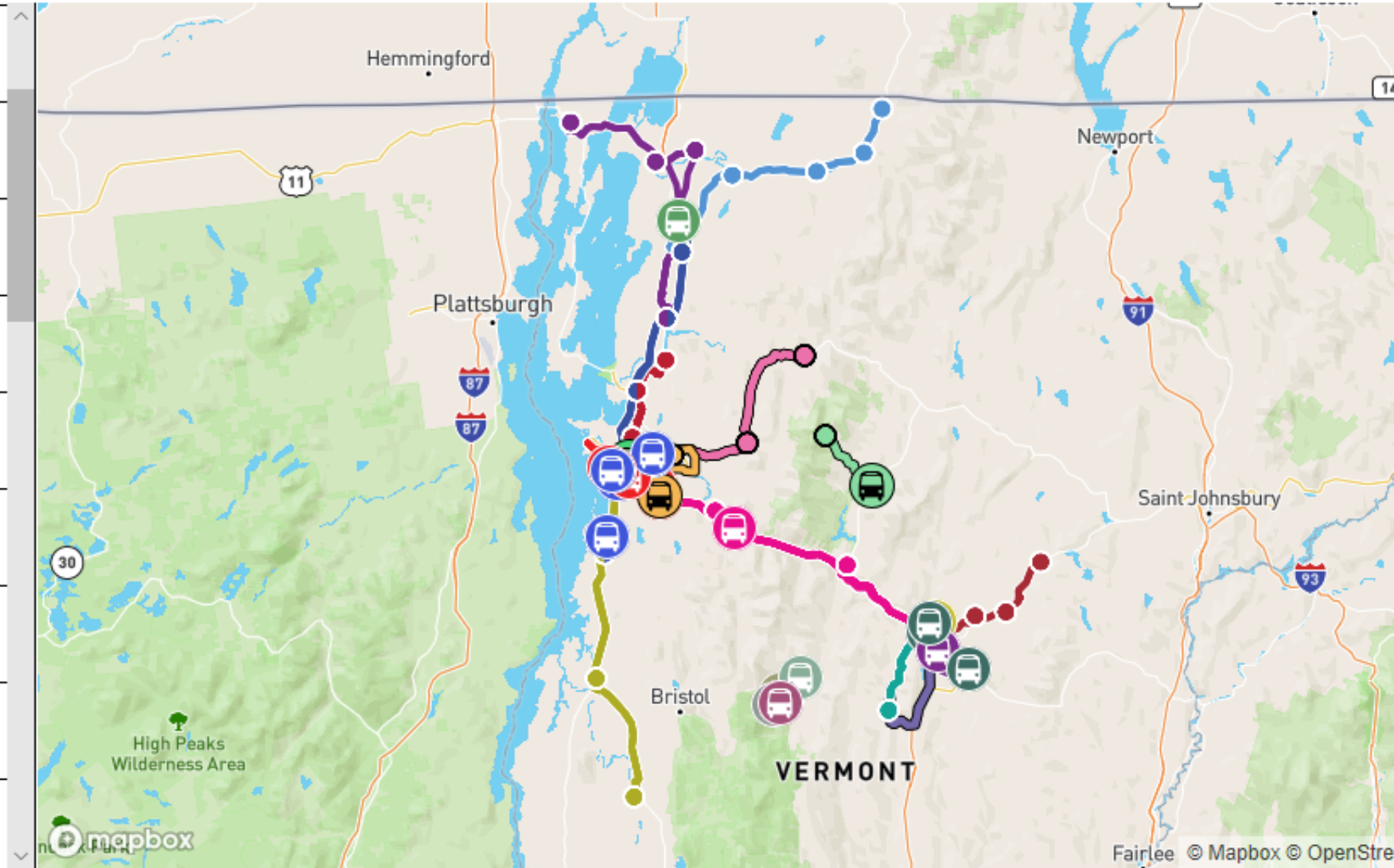
▼

5:47 pm ○ Take Green Mountain Transit **83** to Montpelier Transit Center



Welcome to Green Mountain Transit

-  **Red Line**
[see schedule](#)
-  **Blue Line**
[see schedule](#)
-  **Green Line**
[see schedule](#)
-  **Purple Line**
[see schedule](#)
-  **Orange-Silver Line**
[see schedule](#)
-  **Gold Loop**
[see schedule](#)
-  **36: Jeffersonville Commuter**
[see schedule](#)
-  **56: Milton Commuter**
[see schedule](#)
-  **76: Middlebury LINK Express**
[see schedule](#)



Transit App/ Statewide AVL

- All providers, routes, and bus stops operating with the same AVL service.
- Open-Source Data(GTFS-RT)
- Basic Service expectation

transit

Regions

Partners

Blog



GO YOUR OWN WAY

iPhone

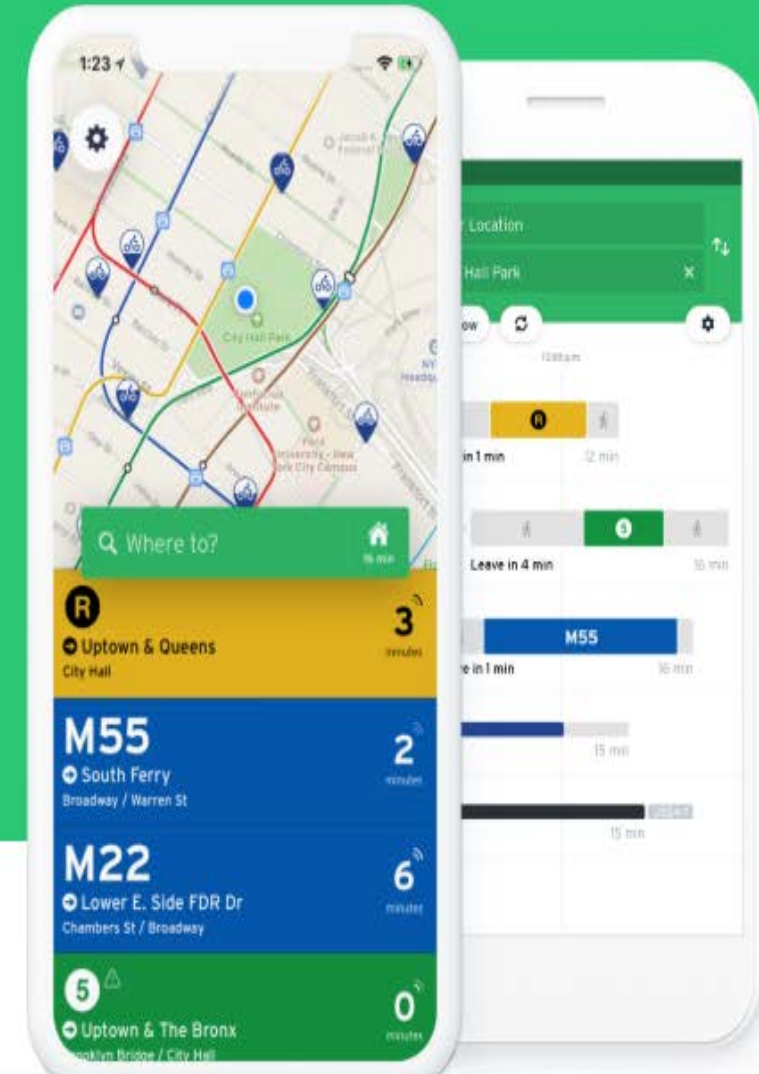


Android



It's in the Name™

[Transit App](#)



FIND MY BUS



New Transit App helps track and plan your route.

GO! VERMONT

- Web site
- Call Center
- Open-Source Data
- Trip Planner
- Transit App/AVL
- COVID Guidance

How do I...



GUARANTEED RIDE HOME



Unexpected things come up. We've got your back!

PARK & RIDE



Find statewide locations, tips and other information.

ROAD CONDITIONS



Current statewide road conditions, delays and closures.

FIND MY BUS



New Transit App helps track and plan your route.



Routes & Schedules



Become a Volunteer Driver



Start a Vanpool



Carpool Matching



Rides for Veterans



Travel By Train



Travel By Bike



Trip Planner

Lessons Learned

Users and agencies both desperately want to see demand-response transit in trip planners.

Project technical outcomes were needed and received instant development community support (e.g. GTFS-flex, OTP flex routing).

Long-term, replicability and scalability will require building out real-time features.

Path towards real-time greatly facilitated by GTFS-flex and MOD OTP development.

THANK YOU

Link to Final MOD Report:

<https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/146891/fta-report-no-0150.pdf>

PUBLIC TRANSIT COORDINATOR AND GO!VERMONT MANAGER

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