

CCRM ITEM#4

# TDM3.0

COMMUTER CONNECTIONS RIDEMATCHING COMMITTEE

DECEMBER 15, 2015



# Milestones

- ▶ 2009 – Commuter Connections launches web-based TDM application including Ridematching, GRH Management, and Special Events
- ▶ 2011 – Commuter Connections TDM application is expanded to manage 'Pool Rewards for Carpools
- ▶ 2013 – Commuter Connections TDM application is expanded to manage 'Pool Rewards for Vanpools
- ▶ 2013 – Commuter Connections launches TDM2.0 with current look and feel design
- ▶ 2014 – Commuter Connections launches its mobile application for Android, Blackberry, and iOS
- ▶ 2015 – Commuter Connections launches customized employer pages for the University of Maryland and Arlington Public Schools
- ▶ 2015 – Commuter Connections undergoes in-depth JBoss and Oracle upgrade and launches TDM3.0

# Completed Bug Fixes and Enhancements

- ▶ Public Registration Review/Opt Out Marketing – Early September
  - ▶ TDM Documentation – Early October
  - ▶ SSL Certificates – Early September
  - ▶ DATA Employer Challenge – Early October
  - ▶ JBOSS Upgrade and Oracle Conversion – Early October
  - ▶ SchoolPool2.0 "Go Live" - Mid November
  - ▶ TDM3.0 "Go Live" – Early September
  - ▶ Best Practices Review – Early December
  - ▶ Look and Feel Suggested Designs – Early December
- 

# Optional Marketing Disclaimer

## DISCLAIMER

General communications you receive from Commuter Connections will pertain to carpools, vanpools and/or your Guaranteed Ride Home (GRH) account or other programs you have registered for. From time to time, Commuter Connections sends emails about free special commuter events such as Bike to Work Day and other information related to commuting. If you do not wish to receive these additional communications, please uncheck this box.

I agree to the [Terms of Use](#) and [Privacy Policy](#) of Commuter Connections.

\* Required Fields

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NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

777 North Capitol Street, NE • Suite 300 • Washington, DC 20002

Phone: 1-800-745-RIDE • Fax: 202.962.3218

E-mail: [ridematching@mwkog.org](mailto:ridematching@mwkog.org) • TDD: 202.962.3213



# Employer Challenge Customization

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**COMMUTER CONNECTIONS**  
EASIER WAY TO WORK

Logout  
Help  
HIDE TOOLTIPS

Commuting Employers News and Media About Us

Welcome STEPHEN FINAFROCK  
Questions? Call 1-800-745-RIDE (7433)

### DAILY COMMUTE LOGS PROFILE

- EDIT PROFILE
- RIDESHARING
- GUARANTEED RIDE HOME
- SPECIAL EVENTS
- POOL REWARDS
- FEEDBACK
- COMMUTE LOG

**Pool Rewards**

**'POOL REWARDS'**  
It Pays to Rideshare

**Cost of Commuting Calculator**

**Latest News**

DLVCOMLOG

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**SECURE**  
with  
network



# SchoolPool2.0 Launch

RWD for mobile

Enhanced Maps

JBoss Upgrade

Oracle DB Conversion from Postgres

**COMMUTER CONNECTIONS**  
A SMARTER WAY TO WORK

1-800-745-RIDE(7433) Select Language

Email:  Password:  [Log On](#)

*Welcome to*  
**SCHOOLPOOL MATCHING**

An interactive utility to help parents connect with each other to form carpools, walking groups or biking groups to and from school

[Register Here](#)

Welcome to SchoolPool, a partnership between Commuter Connections and your local school. SchoolPool is an interactive, on-demand utility to help parents within the same neighborhoods connect with each other to form carpools, walking groups or biking groups to and from school. Join SchoolPool and get a list of other families who travel a similar route and with whom you could share the trip. You can also create a transit trip itinerary right from the matchlist page.

Participating schools must be registered with the Commuter Connections SchoolPool program. More schools are added frequently. To check on the status of your school's participation, please contact Commuter Connections at 800-745-7433. Want to promote carpooling, walking and biking at your child's school or have other questions? Contact your child's school.

Your information remains confidential. Only basic contact information as your phone number and e-mail will be shared with potential matches.

**SCHOOLPOOL Tips**

- Distribute a list of contact phone numbers to each family in your carpool. Consider having back-up drivers and listing their contact information as well.
- Inform your child so he/she knows exactly who is picking him/her up as well as a back-up plan in the event of a no-show or sickness.
- Set expectations for the time to meet, the location and departure times and discuss what to do if another family is late.
- Consider riding with your child's carpool a few times to get your child comfortable and to see if

# SchoolPool2.0 continued...

## Enhanced Maps

### FIND RIDEMATCHES

Modify Search

View Map | Email Matches | Directions

**SCHOOL INFORMATION**

Name: WAKEFIELD HIGH SCHOOL  
Address: 1325 S DINWIDDIE STREET ARLINGTON, VA, 22206

**MATCH LIST**

1: THIRD GRADER  
Parent ID: 10277  
Parent's Name: ROSS EDGAR  
• Email: REDGAR@MWCOG.ORG  
• Cell Phone: 7177177100  
• Phone: 4104104100  
• School: WAKEFIELD HIGH SCHOOL  
• CARPOOL: NO  
• WALK: NO  
• BIKE: NO  
• Schedule: 07:30 AM to 02:30 PM  
• Distance from Origin: 0.12 miles  
• Distance from Destination: 0.0 miles

2: TWELFTH GRADER  
Parent ID: 10319  
Parent's Name: NORENE EDGAR  
• Email: NORENE@NOEMAIL.COM  
• Cell Phone: 7175555555  
• School: WAKEFIELD HIGH SCHOOL  
• CARPOOL: NO  
• WALK: NO  
• BIKE: NO  
• Schedule: 07:30 AM to 02:30 PM  
• Distance from Origin: 0.04 miles

## Updated Matchletter

### FIND RIDEMATCHES

Modify Search

View Map | Email Matches | Directions

**EMAIL MATCHES**

E-mail: STEPHEN.FINAFROCK@GMAIL.COM  
Copy To:  
Subject: Ridematch results for your request on 12/14/2015

**SCHOOL INFORMATION**

Name: WAKEFIELD HIGH SCHOOL  
Address: 1325 S DINWIDDIE STREET ARLINGTON, VA, 22206

**MATCH LIST**

1: THIRD GRADER  
Parent ID: 10277  
Parent's Name: ROSS EDGAR  
• Email: REDGAR@MWCOG.ORG  
• Cell Phone: 7177177100  
• Phone: 4104104100  
• School: WAKEFIELD HIGH SCHOOL  
• CARPOOL: NO  
• WALK: NO  
• BIKE: NO  
• Schedule: 07:30 AM to 02:30 PM  
• Distance from Origin: 0.12 miles  
• Distance from Destination: 0.0 miles

**Message:**

12/14/2015

STEPHEN FINAFROCK  
820 S ARLINGTON MILL DR  
ARLINGTON, VA, 22204

Congratulations! You can now join the thousands of commuters who share rides to and from school. Because of your recent request, Commuter Connection has created a Matchlist of potential carpool commuters especially for your child.

Contact Information	Child Information
1: THIRD GRADER • School: WAKEFIELD HIGH SCHOOL • Parent's Name: ROSS EDGAR • Email: REDGAR@MWCOG.ORG	• CARPOOL: NO • WALK: NO • BIKE: NO • Schedule: 07:30 AM to 02:30 PM • Distance from Origin: 0.12 miles • Distance from Destination: 0.0 miles • Additional Info:
2: TWELFTH GRADER	

2: TWELFTH GRADER  
Parent ID: 10319  
Parent's Name: NORENE EDGAR  
• Email: NORENE@NOEMAIL.COM  
• Cell Phone: 7175555555  
• School: WAKEFIELD HIGH SCHOOL  
• CARPOOL: NO  
• WALK: NO  
• BIKE: NO  
• Schedule: 07:30 AM to 02:30 PM  
• Distance from Origin: 0.04 miles

# In Progress...

- ▶ Employer Database Update
- ▶ SchoolPool2.0 Maintenance
- ▶ Commute Calendar Update on TDM website
- ▶ Build web service for new Commute Calendar for APP
- ▶ Reports Module Review
- ▶ Dynamic Rideshare Mobile App + Revisions
- ▶ GRH Applicant Survey
- ▶ Retention Survey for Ridematching and GRH





# TDM Commute Log Enhancements

TDM2.0

The TDM2.0 interface shows a calendar for December 2015 with a 'DAILY COMMUTE LOGS CALENDAR' header. A sidebar on the right contains navigation links: EDIT PROFILE, RIDE SHARING, GUARANTEED RIDE HOME, SPECIAL EVENTS, POOL REWARDS, FEEDBACK, and COMMUTE LOG. Below the calendar, there are sections for 'Pool Rewards' (It Pays to Rideshare), 'Cost of Commuting Calculator', and 'Latest News' (with a 'NEWS' icon). A 'Trip Summary' table is visible, listing modes like Transit, Carpool, Vanpool, Bike, Walk, and Telework with their respective percentages.

TDM3.0

The TDM3.0 interface features a similar layout to TDM2.0 but with enhanced data. The 'Trip Summary' table is expanded to include 'Savings Summary' with columns for 'Travel Mode Used', 'Trips', and '%'. The 'Savings Summary' table lists metrics such as 'Total Vehicle Miles Traveled', 'Total Pollution Reduced (in tons)', 'NOx Reduced (in grams)', 'VOC Reduced (in grams)', 'PM Reduced (in grams)', 'CO2 Emission Reduced (in grams)', 'Fuel Savings in Gallons (PGI + MFR / 25.2)', 'Fuel Cost Savings in Dollars (PGI + MFR + 86.8 cents)', 'Commuter Cost Savings in Dollars (MFR + 86.8 cents)', 'Fuel Saved (Gallons)', and 'Fuel Saved (Dollars)'. The 'Pool Rewards' section remains, and the 'Latest News' section is also present.

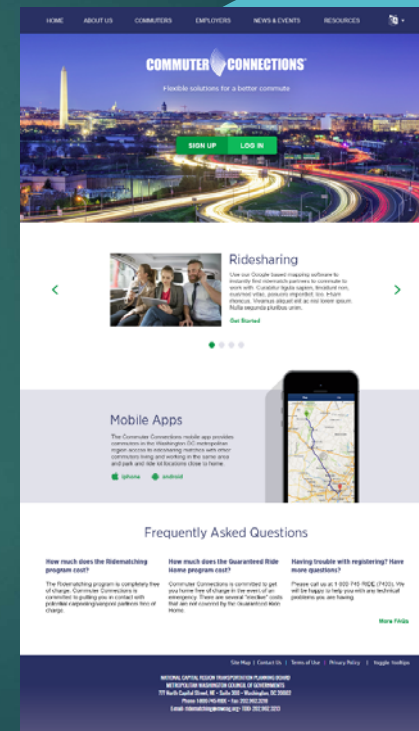
# Forward Thinking →

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- ▶ Custom Employer Site Administration
- ▶ Look and Feel Upgrade (Programming)
- ▶ CMS Tool Review
- ▶ Facebook Login Integration
- ▶ Alexandria Employer Challenge
- ▶ One-click Ridematching
- ▶ Bike Routing System Overhaul
- ▶ Route-based Ridematching
- ▶ GRH Ride Request & Integration w/ TDM Applications



# A Fresh Face...for TDM4.0



# Best Practices Review

(What the industry is doing)

## Industry Leaders

RideAmigos

Lyft Line

UberPool

## Emerging Dynamic Systems

Carma

Carzac

Duet

Muv

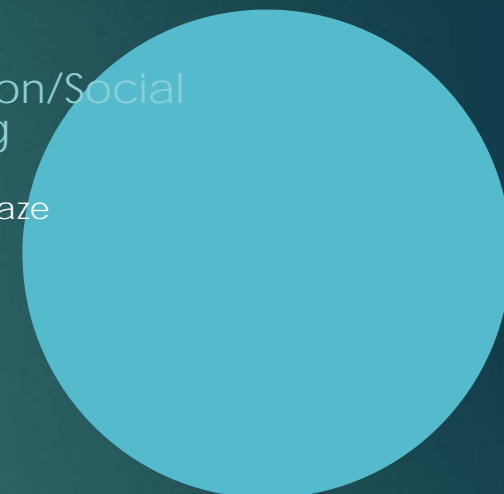
Ride

## Gamification/Social Networking

RideWith by Waze

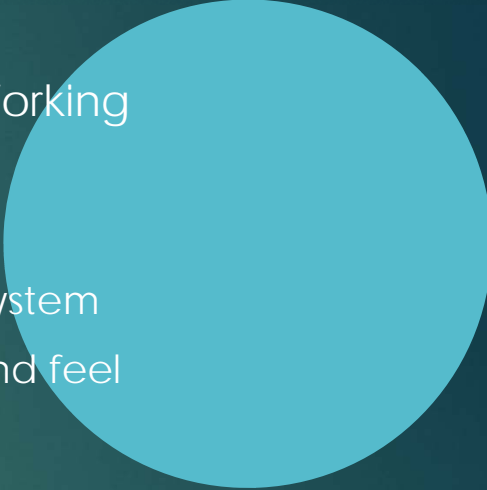
FROM5TO4

Capri



# TDM4.0 Working Group

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- ▶ COG/TPB staff will be seeking volunteers for the TDM4.0 Working Group
  - ▶ Working group's charge to include:
    - ▶ Provide guidance for desired future improvements to TDM System
    - ▶ Review and provide input and recommendations for look and feel update
    - ▶ Review and provide input on the Best Practices Review
    - ▶ Report working group recommendations to the Commuter Connections Ridematching Committee
    - ▶ Expected meeting frequency - As needed during 2016
- 

# Interested in volunteering or questions?

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Stephen Finafrock

Commuter Program Specialist III

MWCOG

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Washington, DC 20002

202-962-3385

[sfinafrock@mwkog.org](mailto:sfinafrock@mwkog.org)

Working Group Volunteers:

[commutersupport@mwkog.org](mailto:commutersupport@mwkog.org)

