

National Transit Database Reporting That Includes General Transit Feed Specification (GTFS) starting in Reporting Year 2023

presented by Marcy Jaffe, Transnnoation Inc., GTFS Data Management Support for National RTAP
GTFS Builder

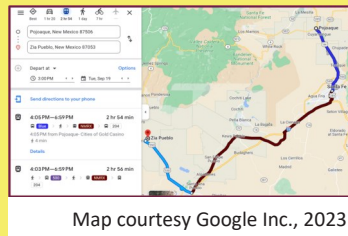
When: Wednesday, November 15, 2023

Time: 8:00am to 4:30pm

Where: DoubleTree by Hilton Santa Fe
4048 Cerrillos Road
Santa Fe, NM 87507

Training Session Overview:

With most recent NTD reporting that includes generating current trip plan data for all fixed and deviated fixed reporters in New Mexico the time is right to ease trip planning. Trip plan data is also known as the General Transit Feed Specification (GTFS). Is your GTFS up-to-date? See this map where GTFS powers connections from Pojoaque to Zia Pueblo. View options to travel on NM Park and Ride (Blue) or Blue Bus (500) connecting to NMRX and their shuttles. GTFS makes trip planning a few clicks on a phone or map - without needing multiple printed schedules.



Map courtesy Google Inc., 2023

GTFS can be generated with free tools in Excel using GTFS Builder from the National Rural Transit Assistance Program (National RTAP). NMTA is offering in-person, hands-on training for your staff this fall. NTD requires publishing and hosting the GTFS zipped data file.

The National RTAP no-cost GTFS Builder tools and refresher videos can be found at:

<https://www.nationalrtap.org/Technology-Tools/GTFS-Builder/Support>

Please see page 2 for steps required to be completed in preparation prior to this hands-on training.

Hotel Accommodations:

DoubleTree by Hilton Santa Fe
4048 Cerrillos Road
Santa Fe, NM 87507

DoubleTree by Hilton Santa Fe extended NMTA guests a reduced rate of \$114.00 (plus tax), including complimentary full-service, breakfast buffet.

Reservations can be made by using the link below or calling the DoubleTree by Hilton Santa Fe at (505) 473-4646 . **Please use the code NMT** to ensure the \$114 rate. **Hotel reservations must be made by November 1st.**

(Please copy and paste the link in your browser to ensure you are connected.)

www.hilton.com/en/book/reservation/rooms/?ctyhocn=SAFCRDT&arrivalDate=2023-11-14&departureDate=2023-11-15&groupCode=NMT&room1NumAdults=1&cid=OH%2CMB%2Cattendmyevent%2CMULTIPR%2COfferCTA%2CMultipage%2CBook%2Ci81912

To register or for more information, please contact:

Melissa Drake
Office: 505-796-8377
Cell: 505-350-4604
Email: mdrake@nm-ta.com

Please register by Wednesday, November 8, 2023

Out of State Transit Guests are Welcome!

Registration fee is waived for all federally funded agencies.

Non-federally funded agencies will have a fee of \$50 per attendee.

To be able to fully engage in our hands-on training, all attendees will need to have their computer set-up and ready to go by completing the first six steps listed below before arriving for training. We estimate this will take less than 45 minutes.

1. **Work with your Information Technology (IT) Team:**
 - a. Confirm you can download Google Earth Pro on Desktop.
 - b. Confirm you can accept and run the macros in the GTFS Builder Excel files you will download.
2. **Create a folder on your PC hard drive and name it "GTFS Builder."**
3. **Download these free tools to the PC you will use for GTFS Builder:**
 - a. Google Earth Pro Desktop <https://www.google.com/earth/versions/#earth-pro>
 - b. GTFS Builder Tool Kit:
 - i. <https://www.nationalrtap.org/Technology-Tools/GTFS-Builder/Support>
 - ii. The download is located at the top of the page.
 - iii. Unzip (extract all) from the .zip these files into the newly created "GTFS Builder" folder on your computer.
 - iv. Print the GTFS Builder Guidebook including the checklist at the back of the book.
4. **Create or log-in to a Dedicated Google account**
 - a. This will allow you to share data with others at your agency and possibly test your trip plan data.
 - b. This Google Account will help you view and save bus stop locations using "MyMaps"
5. **Secure current bus stops and map them using Google's MyMaps (Optional)**
 - a. Does your agency have a list of bus stops (WGS 84) with latitude and longitude? Ask your Regional agency, GIS, or output from other software?
 - b. Type <https://www.google.com/maps/d/> >>.
 - c. Click on "create a new map" in red
 - d. Create a subfolder in your Google Drive folder named GTFS Builder for your map(s)
 - e. We will teach you how to do this if you prefer to wait until the workshop
6. **Collect data for the route you will want to create GTFS data for during the training**
 - a. Select at least one route for this training.
 - b. Do you have a digital, perhaps Excel version of the timetable?
 - c. Print out or bring a copy of the route's timetable.
 - d. If available, obtain a digital list or map of bus stops for your selected route. Ideally, this data would include the latitude and longitude (in WGS84) of the stops.
 - e. If the latitude and longitude data is not available, not to worry, we will determine that information in our training.
7. **Have an existing GTFS (.zip file)?**
 - a. Try to import the unzipped text files into GTFS Builder. Go to the Notes tab of the ImportExport workbook (scroll down) to find the correct macro.

If any NM Transit Partners have questions about the above steps, or any GTFS questions, join our weekly office hours on Thursdays 1pm-1:30pm EST with no registration needed, <https://us06web.zoom.us/j/81979444828>