

NYMTC-NOTES

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PLANNING FOR AUTOMATED VEHICLES IN NY'S TRANSPORTATION SYSTEM

Stephen Buckley, P.E., WSP's Northeast Regional Manager of Planning, Environment and Traffic, offered a presentation at the New York Metropolitan Transportation Council (NYMTC) on how to effectively plan for the future deployment of automated vehicles in New York's transportation system. For more information regarding the special presentation, please see page 2.



NYMTC'S PROGRAM, FINANCE, AND ADMINISTRATION COMMITTEE WILL MEET THURSDAY, SEPTEMBER 28TH



The New York Metropolitan Transportation Council's (NYMTC) Program, Finance, and Administration Committee (PFAC) will meet Thursday, September 28th at NYMTC's Office (located at 25 Beaver Street, Suite 201 in Lower Manhattan) at 12:15 p.m. Member agency representatives – as delegated by the Council – make up PFAC, which is responsible for overseeing NYMTC's day-to-day activities.

NYMTC Council Members:

- Matthew J. Driscoll, NYMTC Co-Chair and Commissioner of New York State Department of Transportation
- MaryEllen Odell, Putnam County Executive and NYMTC Co-Chair
- Polly Trottenberg, Commissioner of New York City Department of Transportation
- Marisa Lago, Director of New York City Department of City Planning
- Joseph J. Lhota, Metropolitan Transportation Authority's Chairman
- Veronique Hakim, Metropolitan Transportation Authority's Interim Chief Executive Officer
- Edward P. Mangano, Nassau County Executive
- Ed Day, Rockland County Executive
- Steve Bellone, Suffolk County Executive
- Robert Astorino, Westchester County Executive

NYMTC'S REGIONAL TRENDS SERIES: PLANNING FOR AUTOMATED VEHICLES



NEW YORK - **Stephen Buckley, P.E., WSP's** (formerly WSP | Parsons Brinckerhoff) Northeast Regional Manager of Planning, Environment and Traffic, offered a presentation at the **New York Metropolitan Transportation Council (NYMTC)** on how regions, transit agencies and cities can better plan for automated vehicles in New York's transportation System.

The prospect of autonomous vehicles in the regional transportation landscape is faced with many unknowns. During the discussion, which was part of NYMTC's Regional Trends Series,

Mr. Buckley tackled the many unanswered questions regarding how to adapt to automated vehicles while also dealing with changing technologies and overall costs. Mr. Buckley presented on how we can shape the direction of automated vehicle deployment to ensure they align with city and regional goals.

NYMTC's Regional Trends Series provides the public with access to key industry leaders and offers information about trends and developments that are shaping the future of the transportation system.

“When you hear ‘autonomous vehicles,’ you almost always think about how far in the future will we see these vehicles? But this technology is very real and will likely become even more of a reality in our everyday lives very soon,” said NYMTC Executive Director José M. Rivera. **“In Plan 2045, our Regional Transportation Plan, we note that automated vehicles and automated delivery are emerging technologies that will come at us fast. Self-driving cars or autonomous vehicles are becoming a goal for many automakers and others in the transportation industry. Research and guidelines are being set out by transportation agencies and we are seeing demonstrations across the country and in Albany. At NYMTC, our goal is to gather more information about the current piloting, testing and deployment of automated vehicles so that we can adequately factor this emerging technology in our regional transportation planning.**

- Click here to download the presentation: [Planning for AVs](#)
- Click here to view the presentation: [NYMTC's YouTube page](#)



NYMTC Advisory Members:

- Patrick Foye, Executive Director of Port Authority of New York & New Jersey
- Steven H. Santoro, Executive Director of New Jersey Transit
- Mary K. Murphy, North Jersey Transportation Planning Authority Executive Director
- Basil Seggos, New York State Department of Environmental Conservation Commissioner
- Stephen Goodman, Regional Administrator of Federal Transit Administration - Region 2
- Peter Osborn, Division Administrator of Federal Highway Administration - NYS Division
- Catherine McCabe, U.S. Environmental Protection Agency Acting Regional Administrator

NYMTC'S DATA CORNER

NYMTC collects, stores, and analyzes data and provides forecasts using its state-of-the-art activity-based travel demand model called the New York Best Practice Model (NYBPM). With reference to Travel Patterns, NYMTC summarizes, annually and by each quarter of the year, the average weekday ridership on the NYMTC area's buses, rail, subways, and ferries along with the vehicular traffic crossing the area's waterway bridges.

LATEST UPDATE: [TRAVEL PATTERNS in the New York Metropolitan Area FOURTH QUARTER \(Q4\) – 2016](#): Click here for other data in our [latest Travel Patterns' report](#).

AVERAGE WEEKDAY BUS & RAIL TRIPS – FOURTH QUARTER 2016 Monthly Comparison Q4-2015 vs. Q4-2016

Bus and Rail RIDERSHIP	Oct-16	Nov-16	Dec-16	Average Q4 2016	Q4 2015 / Q4 2016 % change
NEW YORK TRANSIT RAIL SYSTEM					
MTA/NYC Transit Subway	5,759,591	5,746,772	5,642,250	5,716,204	-1.3
MTA/Staten Island Railway	17,330	17,059	13,270	15,886	-8.1
MTA/Metro-North Railroad (1), (2)	298,985	302,975	294,928	298,963	0.1
MTA/Long Island Rail Road	315,279	323,360	318,908	319,182	2.0
MTA (2) RAIL Total	6,391,185	6,390,166	6,269,356	6,350,236	-1.1
NEW YORK CITY BUSES					
MTA/NYC Transit Bus	2,073,830	2,046,680	1,948,673	2,023,061	-4.5
MTA Bus Company (formerly private buses)	418,098	412,102	393,484	407,895	-2.0
Academy Bus (Note 3)	2,232	2,255	n/a	2,243	-5.2
Total NYC Buses	2,494,160	2,461,037	2,342,157	2,433,199	-4.0
PORT AUTHORITY TRANS-HUDSON RAIL					
PATH-New York Stations	122,035	123,269	114,856	120,053	3.6
PATH-New Jersey Stations	154,381	154,204	144,092	150,892	2.2
PATH Total	276,416	277,473	258,948	270,946	2.8
NEW JERSEY TRANSIT RAIL SYSTEM (3)					
New Jersey Transit Rail	(3)	(3)	(3)	322,800	-1.8
Newark Light Rail (4)	(3)	(3)	(3)	20,450	2.0
New Jersey Transit HBLR (5)	(3)	(3)	(3)	51,850	0.1
River Line	(3)	(3)	(3)	8,350	-5.6
NJ Rail Total				403,450	-1.5
AIRPORT RAIL ACCESS					
Newark AirTrain (6)	7,092	7,316	8,180	7,529	-4.7
JFK AirTrain (6)	20,336	20,156	19,807	20,100	2.6
Total Airport Rail Access	27,429	27,472	27,986	27,629	0.5
SUBURBAN BUSES					
New Jersey Transit Bus	(3)	(3)	(3)	523,300	-4.2
Nassau Inter-County Express (NICE) (Note 1)	93,836	90,455	86,216	90,169	-2.4
Westchester County Bee-Line Bus	105,434	103,886	101,976	103,765	-2.3
Orange County Buses (7)	(3)	(3)	(3)	4,119	-2.6
Putnam County Buses (6)	381	371	346	366	-1.2
Rockland County Buses (7; Note 2)	(3)	(3)	(3)	18,444	-2.2
Dutchess County Buses	1,876	1,751	1,642	1,756	2.5
City of Long Beach	1,195	1,205	1,185	1,195	-1.8
Suffolk County Buses (6), (8)	22,572	21,583	18,740	20,965	-11.2
Total Suburb Buses				764,080	-3.9
Grand Total				10,249,539	-1.9

Have you visited

NYMTC's

[Transportation](#)

[Information Gateway](#)

[\(TIG\)](#) yet? The TIG is a central area where you can locate, visualize and download transportation planning data.



(1) MTA/M-N Railroad ridership covers MTA trains leaving from GCT (Grand Central Terminal) and Penn Station (West of Hudson trains).

(2) MTA - Metropolitan Transportation Authority

(3) Only quarterly data available.

(4) Newark Light Rail data was formerly added to Hudson Bergen Light Rail (HBRL) System

(5) Hudson Bergen Light Rail System

(6) Monthly average ridership data include weekends.

(7) Local and Express buses

(8) Suffolk City includes local and pass-through buses, HART – Huntington Area Rapid Transit

Note 1: As of December 31, 2011 Nassau County transferred MTA LI Bus operation to a private entity - Nassau Inter-County Express (NICE).

Note 2: Orange-Westchester Link (through buses) ridership in Rockland County include both private and County buses

Note 3: Since Jan. 2014, Academy operates the X23 and X24 routes between Manhattan and Staten Island, formerly operated by Atlantic Express.

Sources: Port Authority of New York & New Jersey, MTA, New Jersey Transit Co, NYS DOT, NYCDOT, Westchester DOT, other NY counties bus operators
n/a – data not available

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Mike Giardina, NYMTC-Notes Editor

NYMTC HOLDS PUBLIC COMMENT PERIOD FOR PROPOSED AMENDMENTS TO TRANSPORTATION IMPROVEMENT PROGRAM

NEW YORK – The **New York Metropolitan Transportation Council** (NYMTC) recently held a public comment period for proposed amendments to the **Transportation Improvement Program** for Federal Fiscal Years 2017-2021.

The public comment period, which opened July 19 and concluded July 28, offered a chance for the public to review proposed amendments to programming and reprogramming of funding for projects throughout the NYMTC region. The amendments proposed programming funding for the following projects:

- Kew Gardens Interchange Infrastructure and Operational Improvement, Queens County
- Mobility Improvements along Connected Corridors Segment of Bruckner Expy, CBE and MDE, Bronx County
- Gowanus Expressway Active Traffic Management, Kings County
- Wyckoff Ave Reconstruction, Kings County
- Ralph Ave Corridor Safety Improvements, Kings County
- Cropsey Ave Corridor Safety Improvement, Kings County
- Replace Schaefer's Ferry Landing in North Williamsburg, Kings County
- Greenbelt Trail Trailhead Improvement, Town of Smithtown, Suffolk County
- Purchase Replacement Battery Packs, Town of Huntington, Suffolk County
- Purchase 3 Replacement Paratransit Buses, Town of Huntington, Suffolk County
- Route 100 North County Trailways Safety Improvements, Westchester County
- Replace Portable Variable Message Signs, Multi-Counties
- Provide Intelligent Transportation Systems (ITS) Planning and Engineering Services, Multi-Counties

Also, the amendments proposed reprogramming funding from the following projects:

- Data Collection for Asset Management Planning 2017, Multi-Counties
- Construct Long Island Train Intermodal – Rail Facility, Islip Town, Suffolk County

For more information regarding the Transportation Improvement Program, [please click here](#).

LANGUAGE ACCESS NOW AVAILABLE AT NYMTC

NYMTC's Language Access Program is now available to provide a more inclusive planning process and further enhance NYMTC's public involvement efforts to increase access to information. The 2010 Census identifies a Limited English Proficiency (LEP) population of roughly 2.2 million people in the NYMTC planning area, with just over 70% of the total LEP population speaks one of three languages – **Spanish, Chinese and Russian**. These three languages are considered as primary LEP languages in NYMTC's planning area. For more information on the program and how to access services, go to <https://www.nymtc.org/Get-Involved/Language-Access-Program>.



Spanish: Para ver los documentos traducidos, vaya a <https://www.nymtc.org>

Chinese-Simplified: 查看已翻译文件访问 <https://www.nymtc.org>

Chinese-Traditional: 查看已翻譯文件訪問 <https://www.nymtc.org>

Russian: Переведенные документы можно получить по адресу <https://www.nymtc.org>



The New York Metropolitan Transportation Council (NYMTC) is a regional council of governments that is the Metropolitan Planning Organization for the 5 boroughs of New York City, plus Nassau, Suffolk, Westchester, Putnam and Rockland counties.