



Westchester County Mobility & Transit Plan



Westchester County UPWP Funded Studies

NYMTC Brown Bag Presentation
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Naomi Klein
Director of Transportation Planning
Westchester County Dept. of Planning

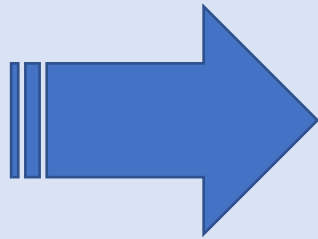
Why a Bus Redesign

A best practice among transit agencies to address declining ridership due a variety of factors:

- Growth in the use of Transportation Network Companies (TNCs)
- Inexpensive gas and the relatively low cost to own a car
- Increased telecommuting
- Decline of brick and mortar retail with the emergence of e-commerce

Peer Review of other Transit System Redesigns

- Houston, TX
- Rochester, NY
- Albany, NY
- Columbus, OH
- Baltimore, MD
- Bronx, NY



- Each transit system established 35-plus years ago
- Declining Ridership
- **Not** holistically reassessed since inception

<https://transportation.westchestergov.com/images/stories/Planning/peerreview.pdf>

Approach

- Evaluate current demand for transit in a holistic way – **clean slate**
- Re-examine routes and re-deploy resources more efficiently
- Identify what transit can and cannot do
- Identify alternative mobility options
- Look at trade offs
- Engage the community and key stakeholders in the process



Project Goals

The plan aims to better align the county's mobility network with the needs of Westchester's many residents, workers, and visitors.

- ▶ Design a **high-performing, reliable, and easy-to-understand transportation system**, emphasizing speed, convenience, directness, reliability, and comfort.
- ▶ Create a **sustainable family of service options** to right size mobility services for Westchester's many travel markets.
- ▶ Provide an **equitable and socially just transportation network** that provides opportunities for prosperity and quality of life to users of all ethnicities, incomes, abilities, and ages.

Where People Travel

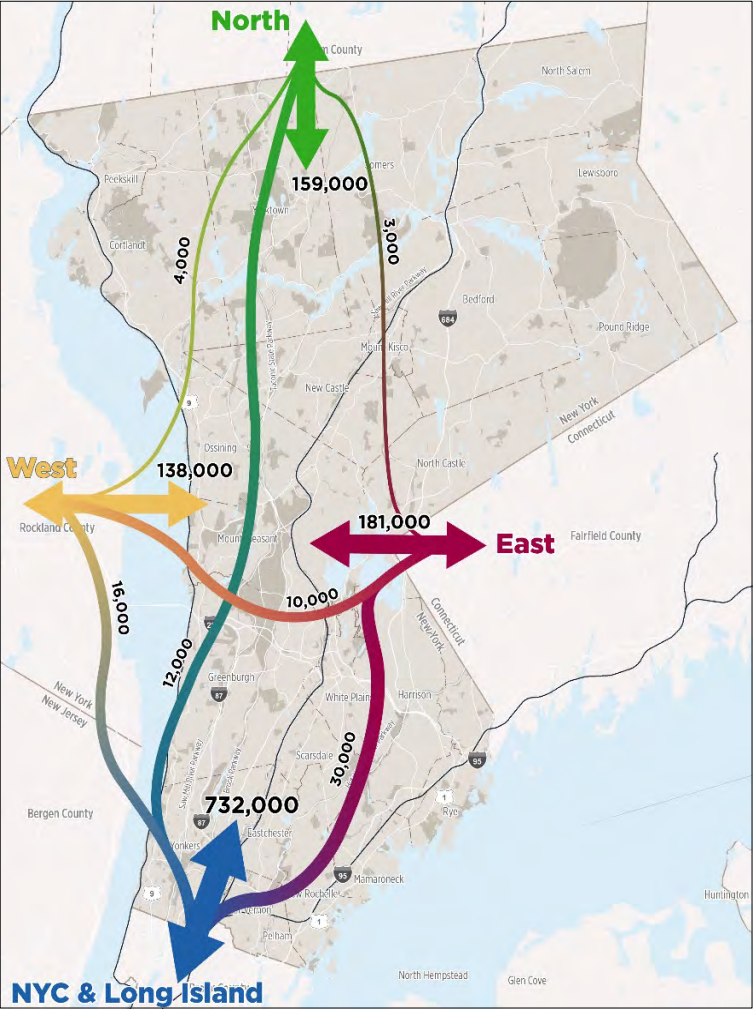


Figure 44: Work destinations of Westchester residents

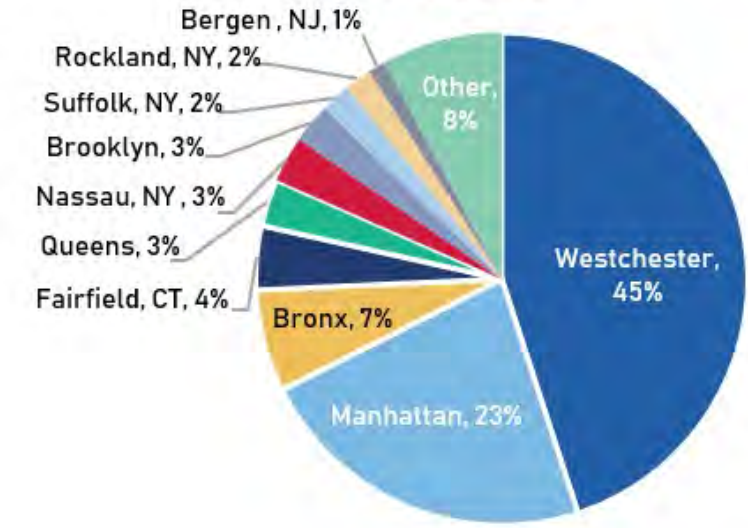
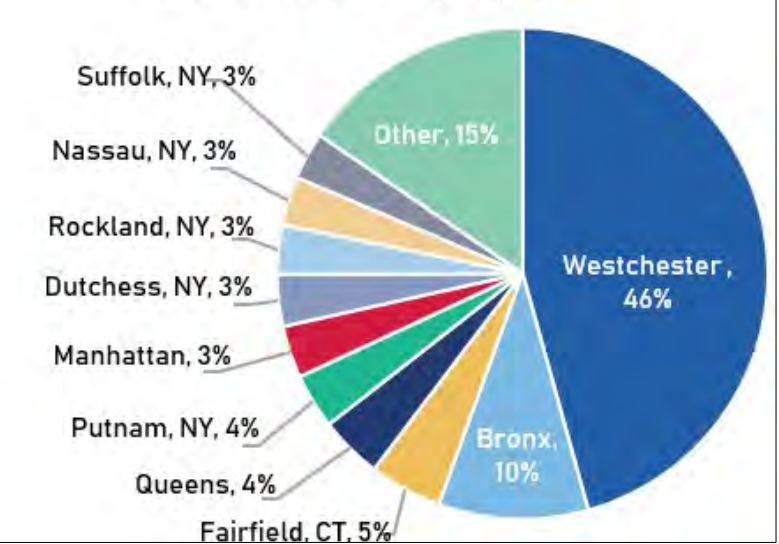


Figure 45: Home origins of Westchester employees



How People Travel

Commute Mode	Commute Share (2010)	Commute Share (2018)	Change
Public Transit	20.6%	22.6%	+2.0%
Rail	13%	15%	+2%
Bus	6%	5%	-1%
Subway	2%	3%	+1%
Drove Alone	59.9%	57.6%	-2.3%
Carpool	7.6%	8.0%	+0.4%
Worked at Home	4.9%	5.4%	+0.5%
Walked	5.0%	4.8%	-0.2%
Bicycle	0.1%	0.2%	+0.1%
Other	1.8%	1.3%	-0.5%

Proximity to Transit

	Within ¼-Mile of a Bee-Line Stop	Within ½-Mile of a Bee-Line Stop
All Westchester County Residents	67%	78%
White	56%	69%
Hispanic (of any race)	80%	88%
Black	87%	93%

	Bee-Line Bus Stop		Metro-North Station	
	¼-Mile Walkshed	½-Mile Walkshed	¼-Mile Walkshed	½-Mile Walkshed
Employment Locations Within Walkshed of Transit Stops	69%	80%	10%	24%

	Within ¼-Mile of a Bee-Line Stop	Within ½-Mile of a Bee-Line Stop
Households Experiencing Poverty	84%	90%
Rent-Burdened Households	64%	73%
Car-Free Households	90%	94%

Zero-Vehicle Households
Households per Acre

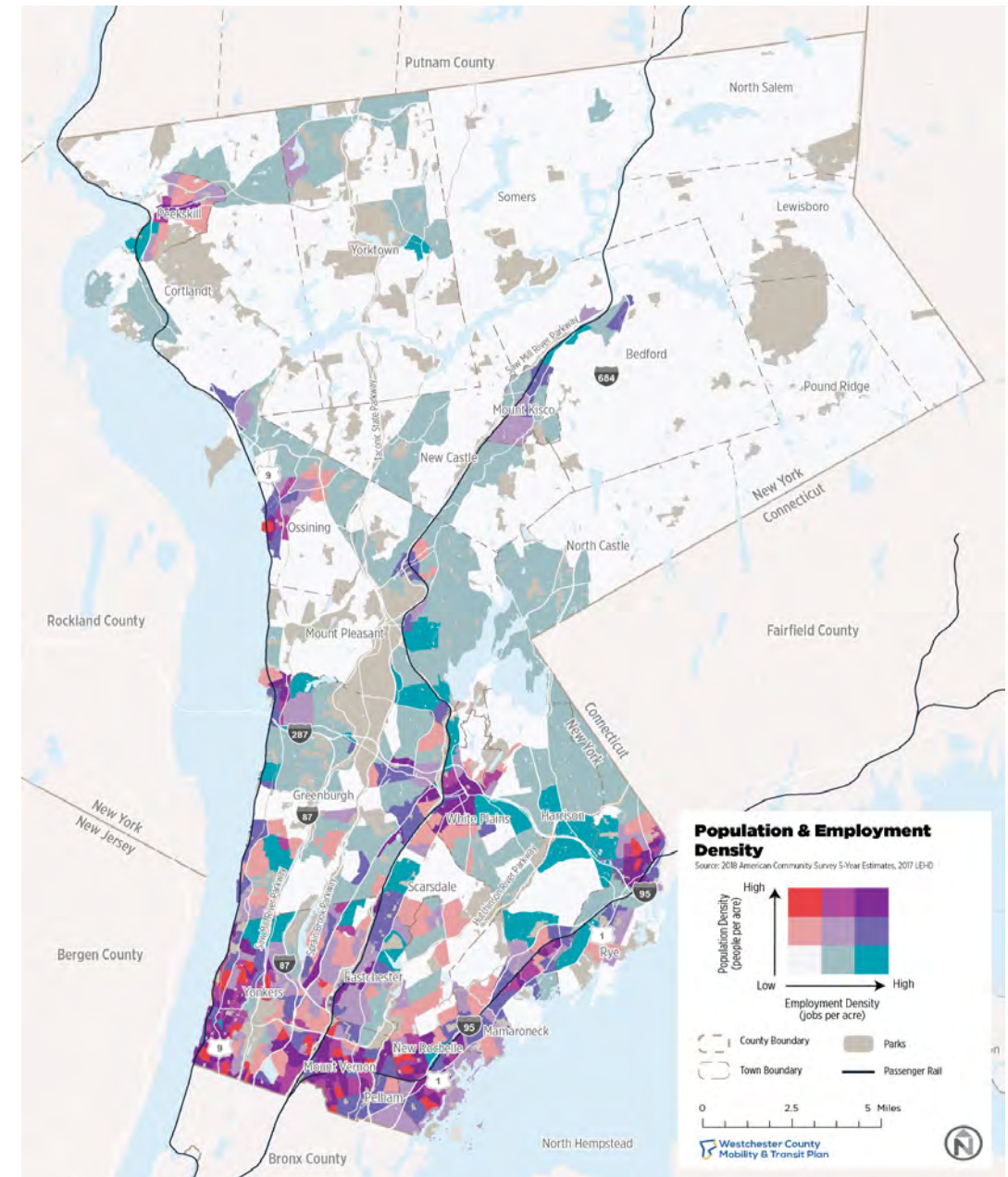
SOURCE: US Census Bureau, 2000 American Community Survey, 5-Year Estimates

- < 1 household per acre
- 1 - 2 households per acre
- 2 - 4 households per acre
- 4 - 8 households per acre
- 8+ households per acre

County Boundary
Town Boundary
Parks
Passenger Rail
Use-Line Route

0 2.5 5 Miles

Westchester County
Mobility & Transit Plan



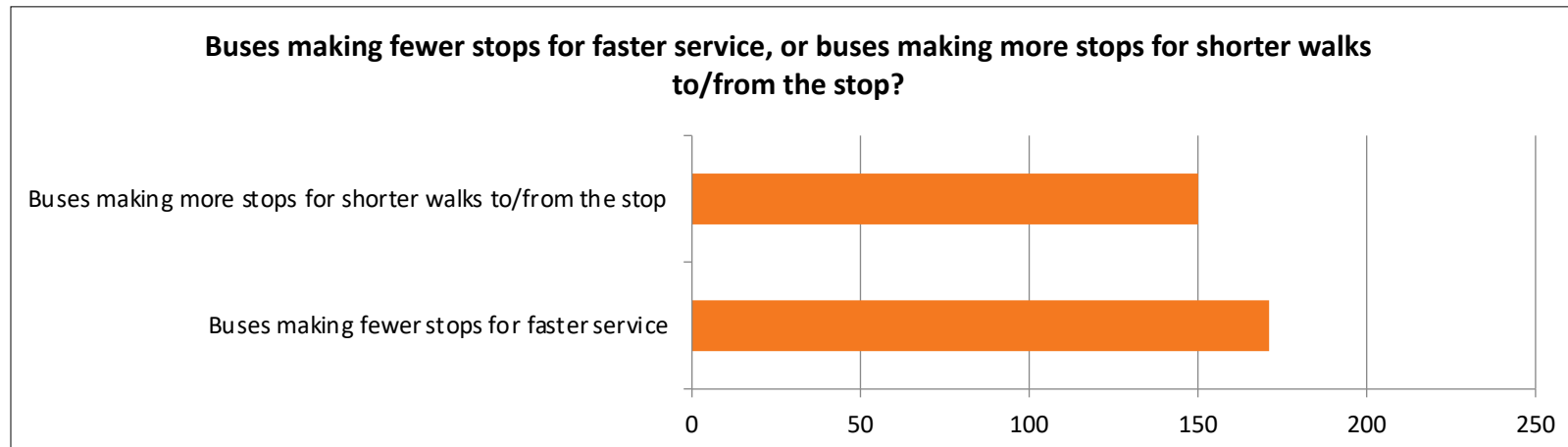
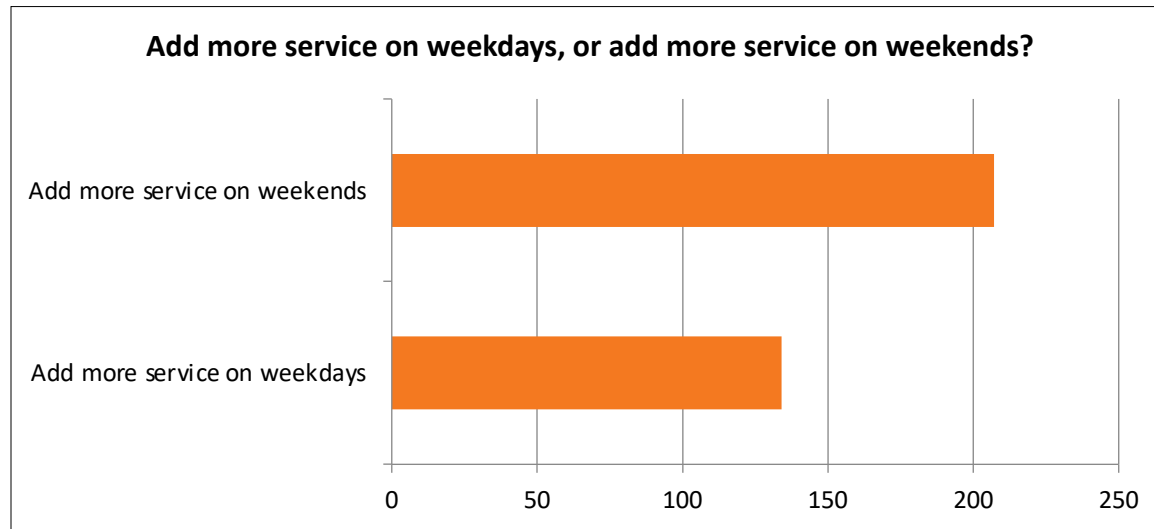
Public Engagement

- Focus Groups
- Website: www.westchestermobility.org
- On-line survey

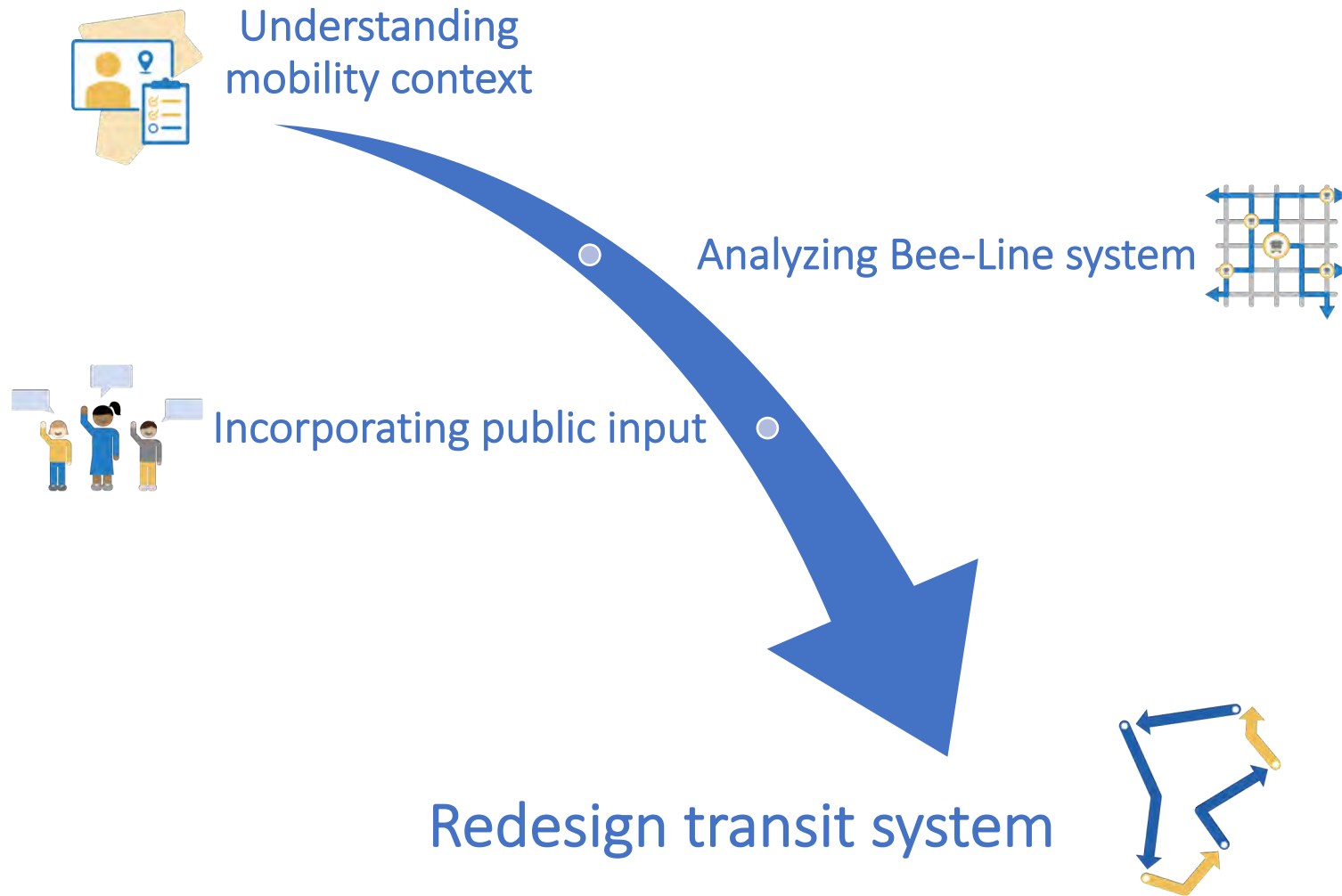


https://www.google.com/search?q=on+line+focus+group&source=lnms&tbm=isch&sa=X&ved=2ahUKewir5LH8-fvAhVbF1kFHRU2D3IQ_AUoAnoECAEQBA&biw=1366&bih=625#imgrc=b2oiSTQVa2ETVM

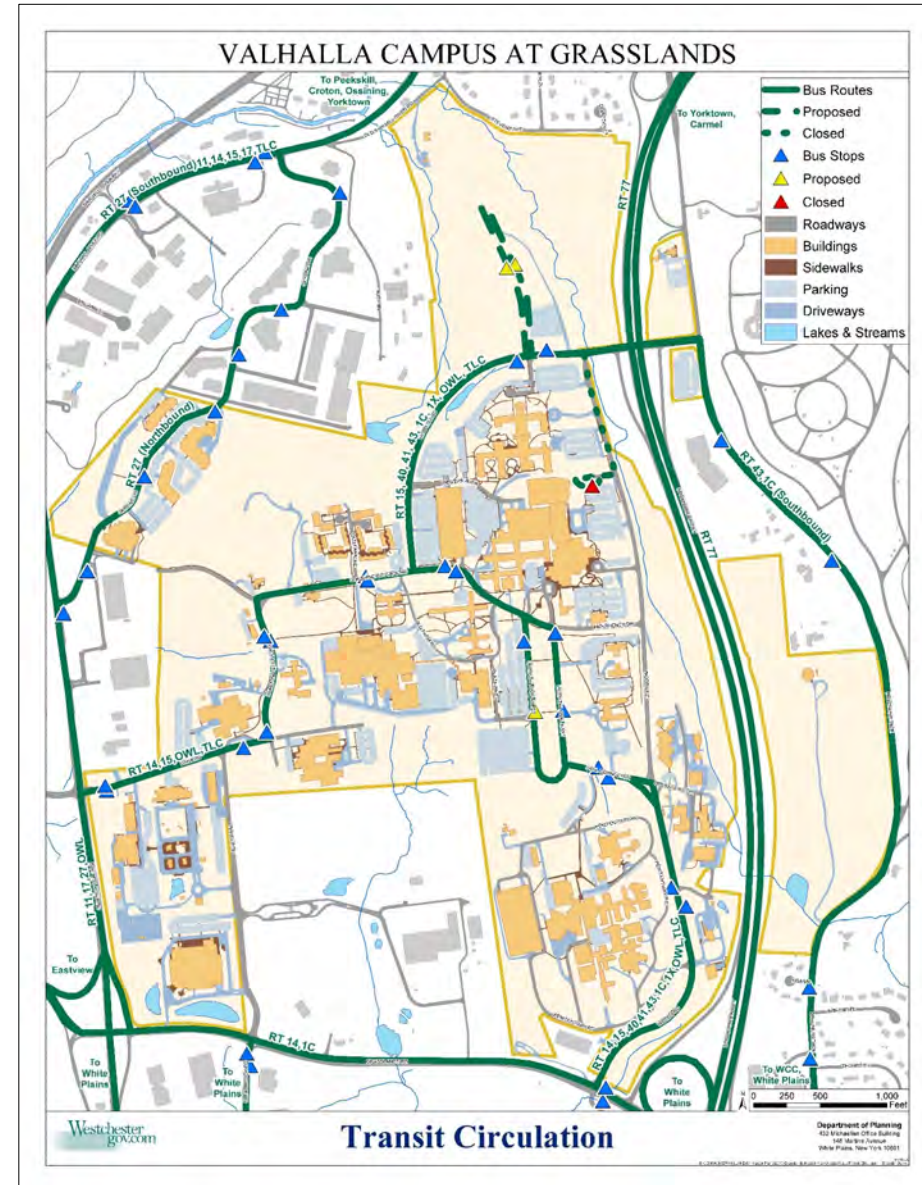
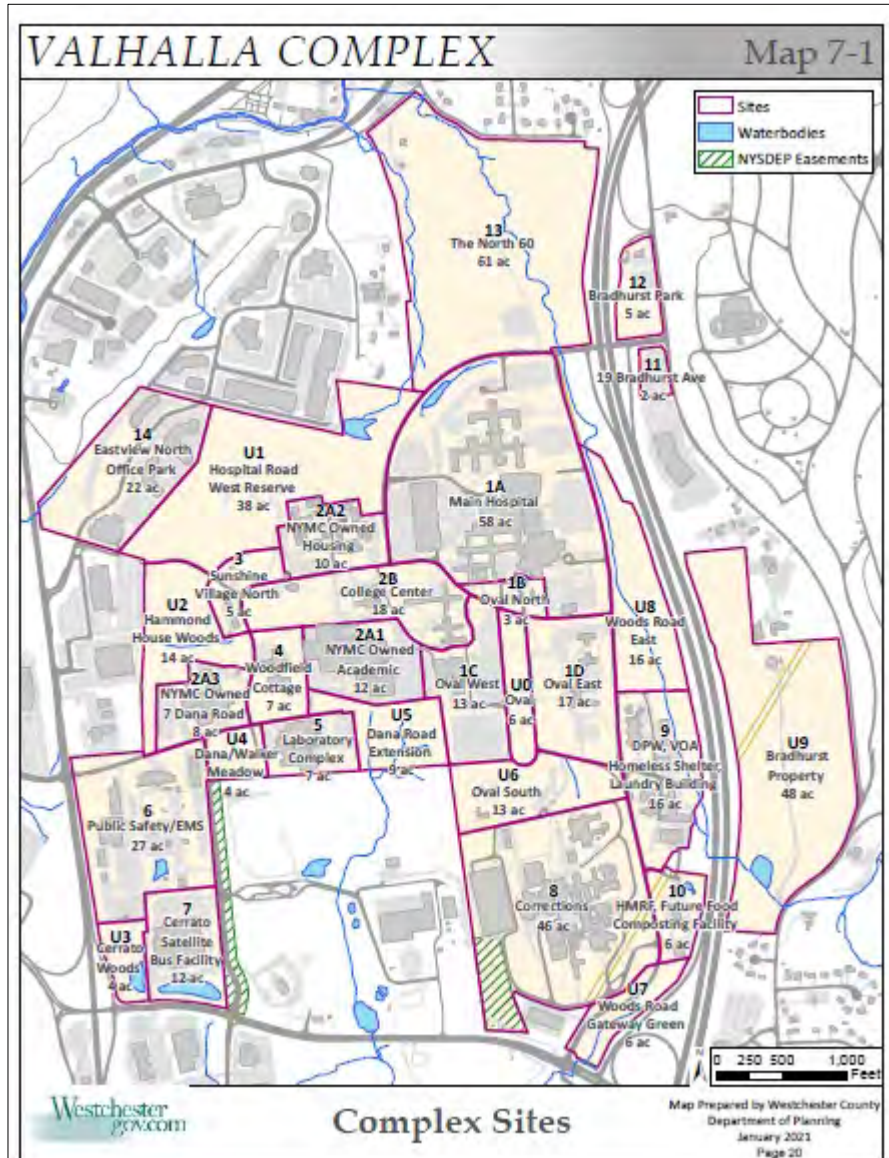
On-Line Survey



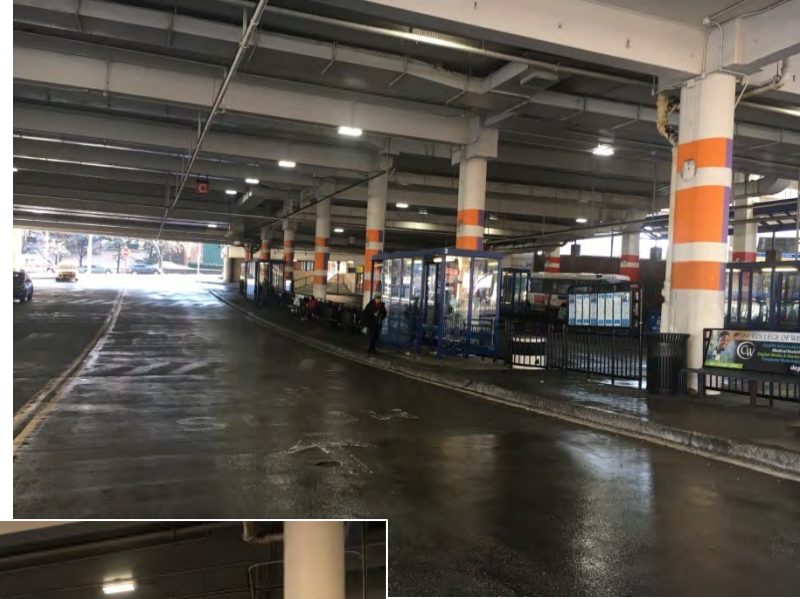
Next Steps



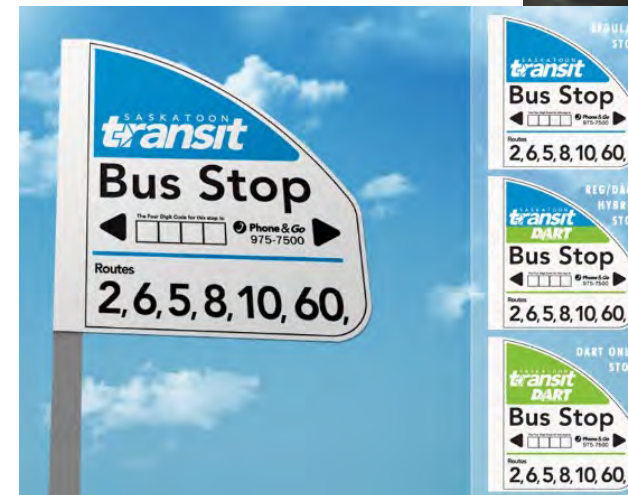
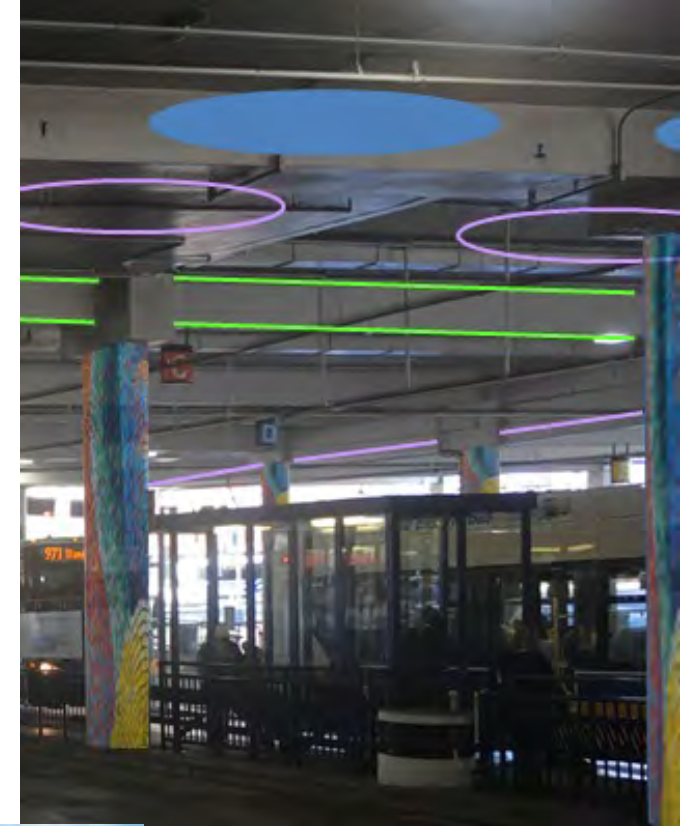
Transportation Demand Management Plan – Grasslands Campus



White Plains TransCenter Improvements

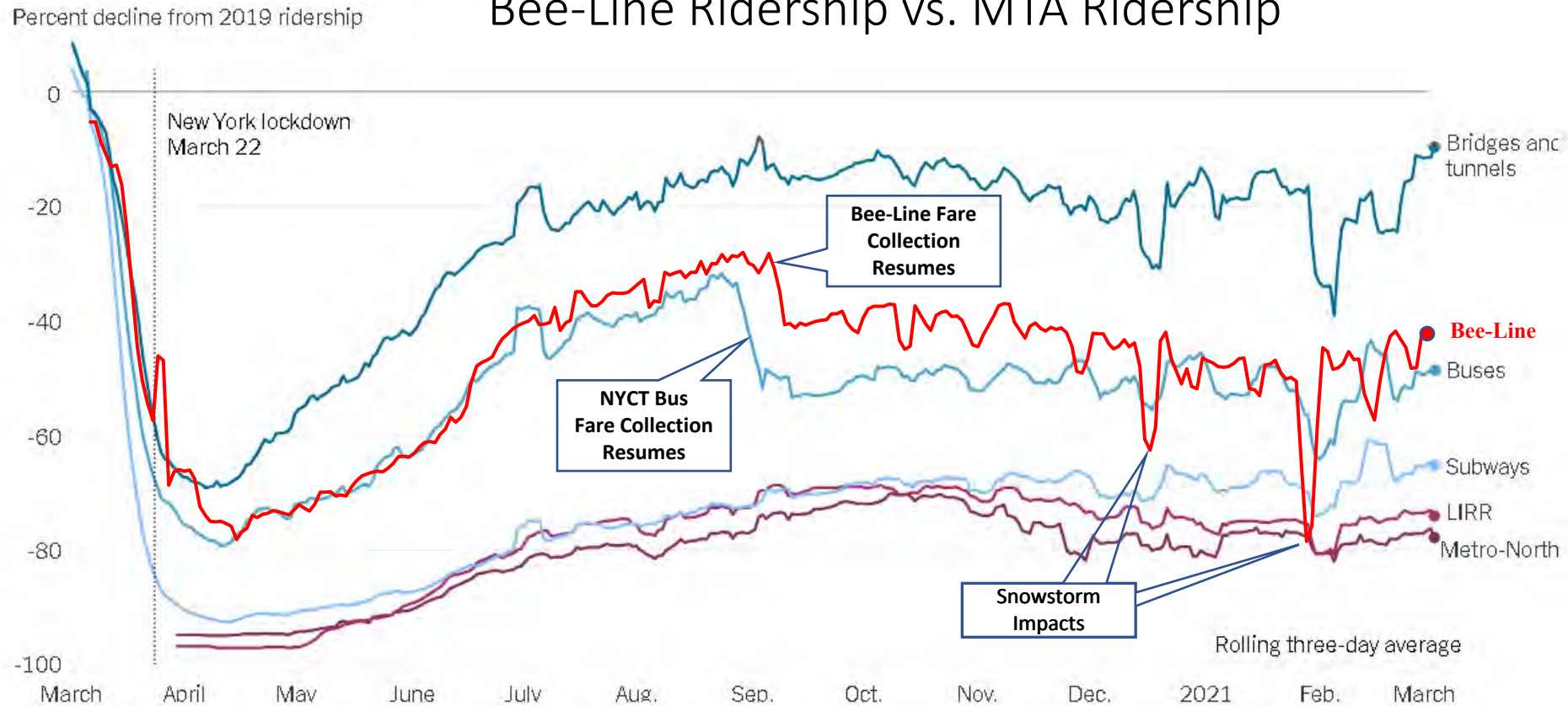


White Plains TransCenter Improvements



Impacts of COVID-19

Bee-Line Ridership vs. MTA Ridership

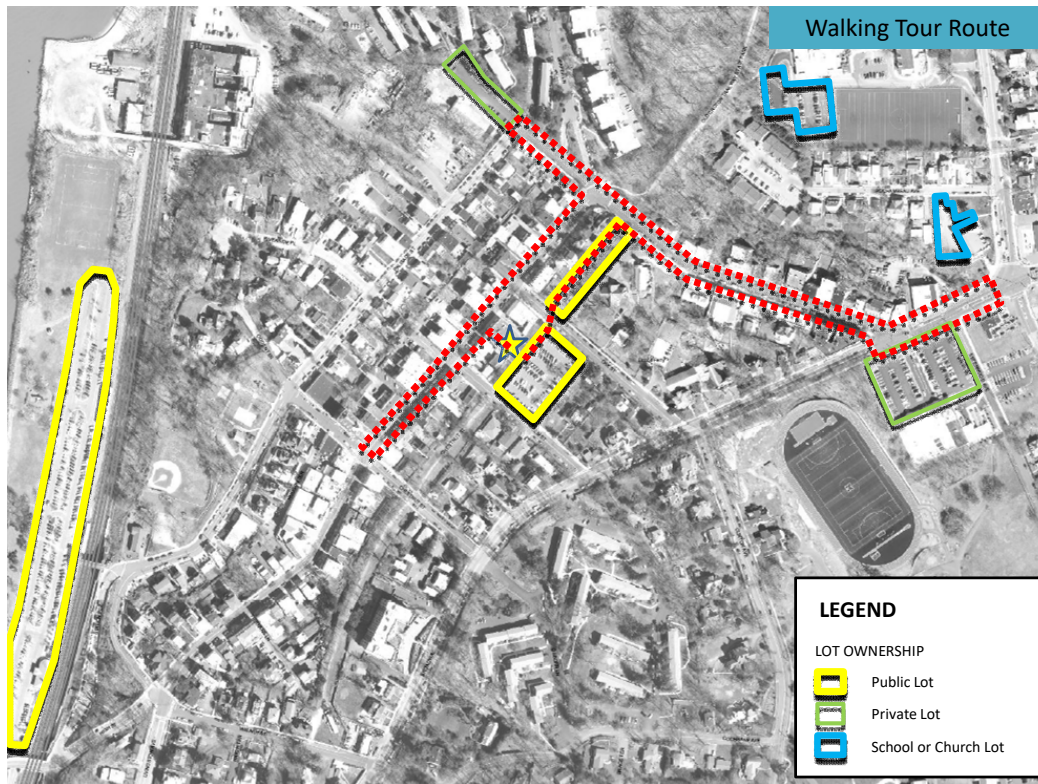


By Veronica Penney Source: The M.T.A.'s day-by-day ridership numbers. | Note: Percent change is calculated as a comparison to the preceding-year equivalent day, with the exception of the commuter rail systems, which are compared to the 2019 monthly weekday/Saturday/Sunday average.

<https://www.nytimes.com/interactive/2021/03/08/climate/nyc-transit-covid.html?action=click&module=Spotlight&pgtype=Homepage>.

Community Workshops

- Complete Streets
- Parking Management



Questions?

Naomi Klein

nkk3@westchestergov.com