



# Bruckner/Sheridan Interchange and Access to Hunts Point EIS

## Year 2030 No-Build Alternative Travel-Demand Modeling Results

September 28, 2005



# Objective of Travel Demand Modeling of the Alternatives

*“To Produce Quantitative Performance Measures which serve as Inputs to the Screening of Alternatives Process”*

## *Performance Measures (6-10 AM, 3-7 PM Periods)*

- 1. Vehicle-Miles Traveled (VMT) - Entire Study Area*
- 2. Truck Vehicle-Miles Traveled (TVMT) - Entire Study Area*
- 3. Vehicle-Hours Traveled (VHT) - Entire Study Area*
- 4. Truck Vehicle-Hours Traveled (TVHT) - Entire Study Area*
- 5. Trucks on Non-Highway Roads (Truck VMT) - Primary Study Area*
- 6. Travel-time to/from Bronx Portals to/from HP Markets*

*Other outputs from the Models are used as inputs to compute other performance measures such as Emissions and Accidents,*



Bruckner/Sheridan EIS Primary & Secondary Study Areas

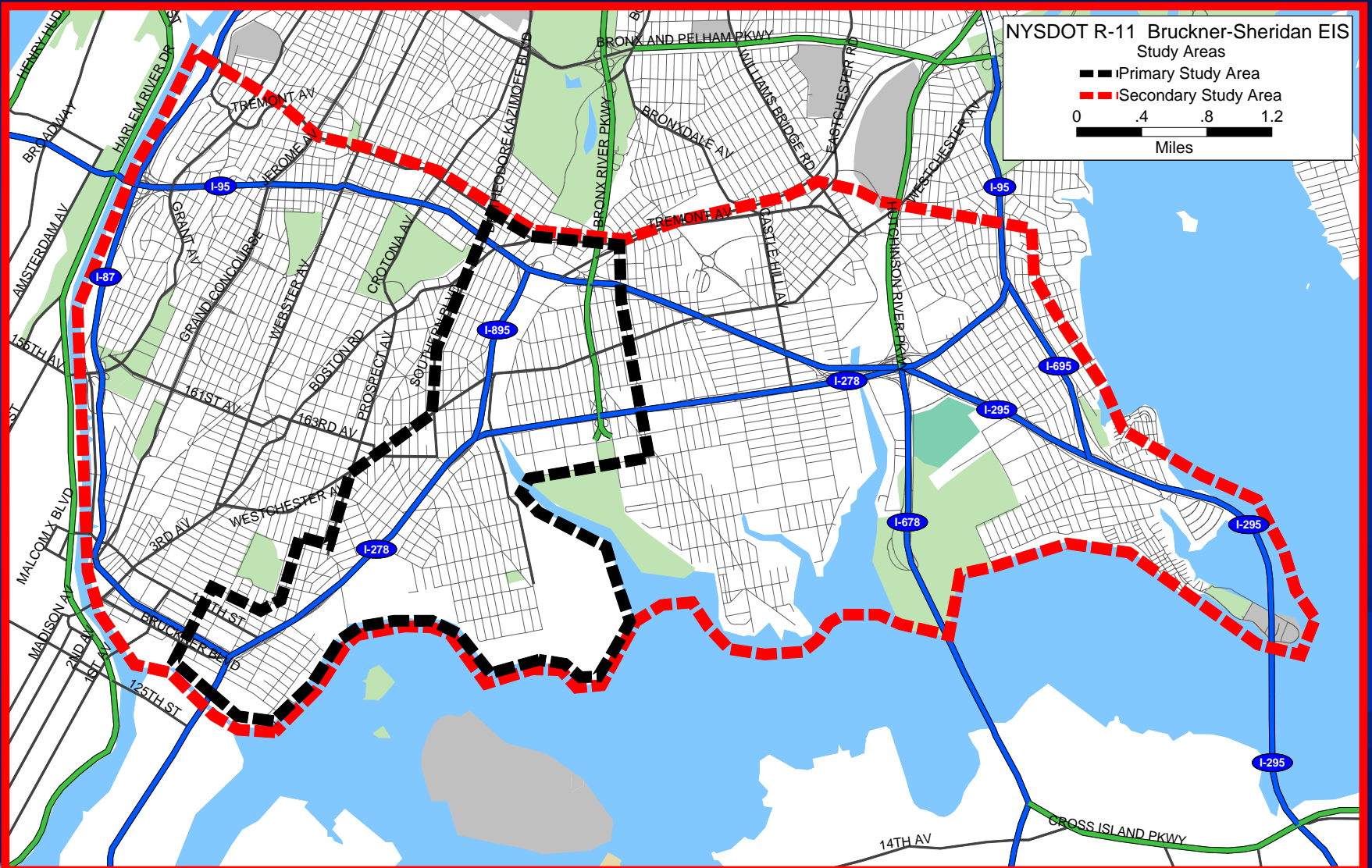
**AGENDA FOR PRESENTATION**

**Two Periods: 6-10 AM Period and 3-7 PM Period**

1. Population and Employment Growth by Community Board
2. Y2003 to Y2030: Trip-Table Growth for Bronx County
3. VMT,VHT, Speed Growth – *Entire Study Area*
4. VMT,VHT, Speed Growth – *Primary Study Area*
5. Hunts Point Peninsula Vehicle Growth – *Screenline & Markets*

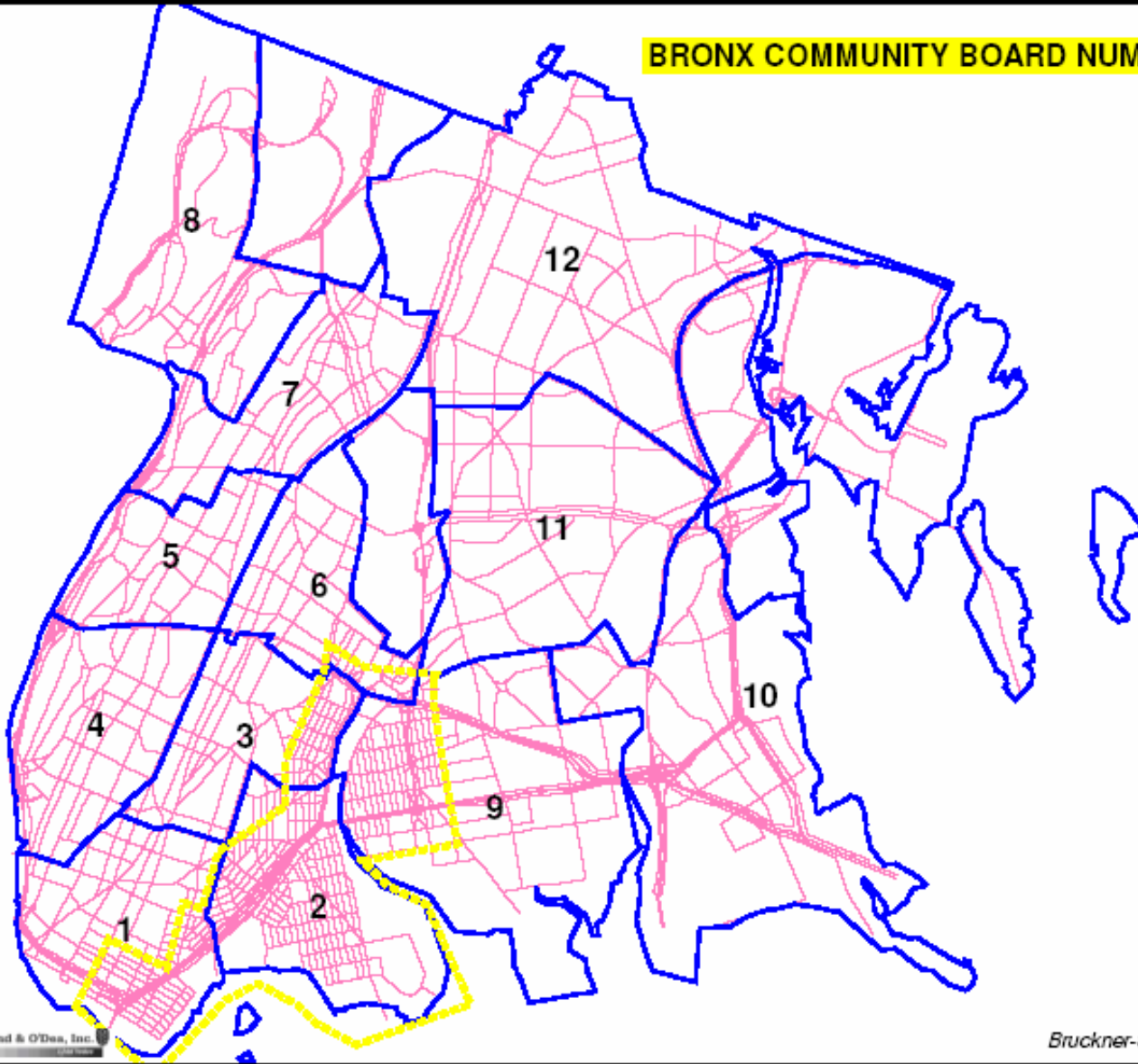


# Bruckner/Sheridan EIS Primary & Secondary Study Areas



# Bruckner Sheridan TAC/SC Presentation

## BRONX COMMUNITY BOARD NUMBERS

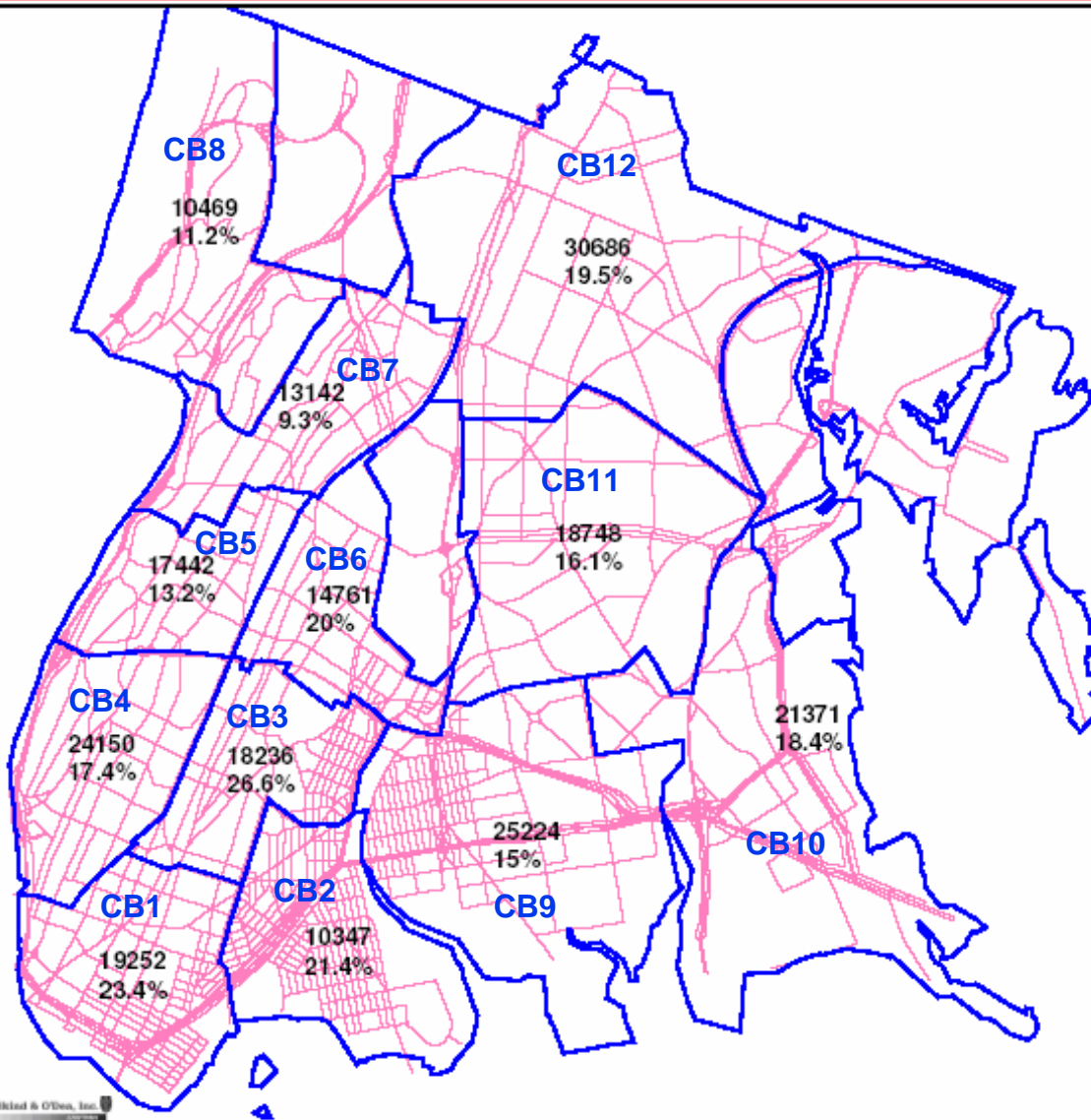


URS/Goodkind & O'Dea, Inc.

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# Bruckner Sheridan TAC/SC Presentation

**POPULATION GROWTH BY COMMUNITY BOARD:  
Y2000 TO Y2030**

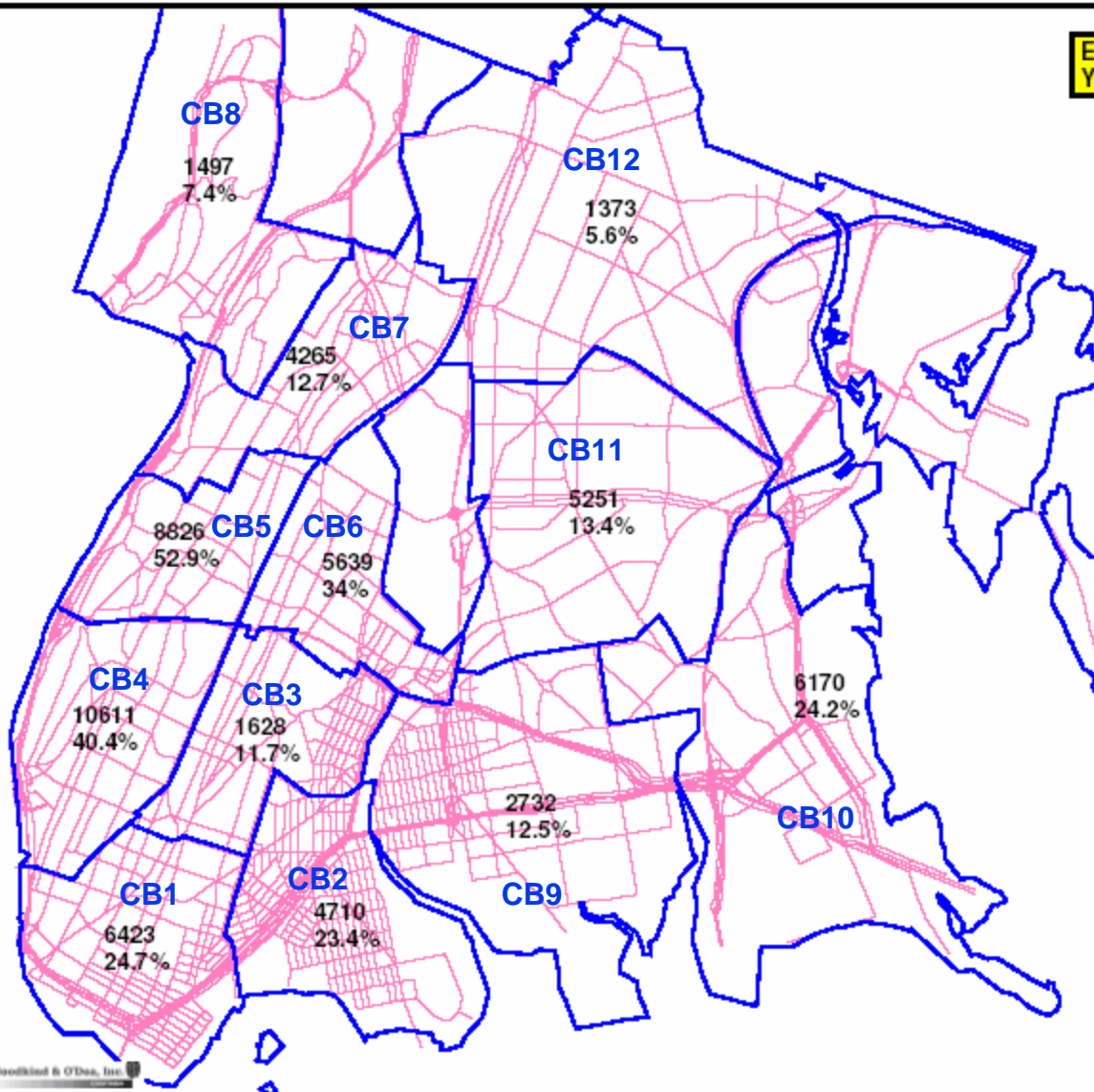


CB	POP GROWTH	% POP GROWTH
1	19,252	23.4%
2	10,347	21.4%
3	18,236	26.6%
4	24,150	17.4%
5	17,442	13.2%
6	14,761	20%
7	13,142	9.3%
8	10,469	11.2%
9	25,224	15%
10	21,371	18.4%
11	18,748	16.1%
12	30,686	19.5%
<b>TOTAL</b>	<b>223,828</b>	<b>16.8%</b>



# Bruckner Sheridan TAC/SC Presentation

**EMPLOYMENT GROWTH BY COMMUNITY BOARD:  
Y2000 TO Y2030**



CB	EMP GROWTH	% EMP GROWTH
1	6,423	24.7%
2	4,710	23.4%
3	1,628	11.7%
4	10,611	40.4%
5	8,826	52.9%
6	5,639	34%
7	4,265	12.7%
8	1,497	7.4%
9	2,732	12.5%
10	6,170	24.2%
11	5,251	13.4%
12	1,373	5.6%
<b>TOTAL</b>	<b>59,125</b>	<b>20.8%</b>

