Phase 1
96th to 63rd

Phase 2
125th to 96th

Phase 3
63rd to Houston

Phase 4
Houston to Hanover

Second Avenue Subway Task Force
Community Board Eight

July 29th, 2008
AGENDA

• 86th Street Entrance Options

• Alignment Changes

• 72nd Street Entrance Options

• Next Steps – NEPA Environmental Assessment (EA)
86th Street Entrance
Issues

- Major structural changes, including residential areas
- High construction costs
Entrance 2 – Food Emporium Design
Entrance – Food Emporium Design

Cavern below

86th

2nd Avenue
Entrance – Food Emporium Design

2ND AVENUE

305 East 86th Street

86TH STREET

STREET PLAN
Entrance – Food Emporium Design

EXISTING BUILDING

305 East 86th Street

86TH STREET

STREET LEVEL

SECTION
Entrance – Option 1

Issues

• Entrance in center of residential building entrance plaza

• Impacts swimming pool structure below
Option 2

Issues

• Cut and cover construction full width of 86th street

• Passenger visibility concerns

• Requires majority of ridership to cross 86th Street to access station
Option 3

Issues

- One-way entrance
- Entrance structurally too close to station
- Queues block sidewalks
- Passenger visibility concerns
Option 4

Issues

• Doesn’t meet passenger demand
• Passenger visibility concerns
• Queue blocks sidewalk

![Map Diagram]
Option 5: Elevator Only Entrance

Issues

• Requires 15 Residential and 4 Commercial takings

• Majority of riders have to cross 86th Street
Option 6: 85th Street Entrance

Issues

- Underpinning of buildings
- Blocks entrance to apartment building
- Long, underground passageway
- Additional underground easements would be required
- 22 Residential & 3 Commercial Takings
Option 7: Proposed Entrance

Summary:

- Cut and cover construction north half of 86th Street
- Bump-out on both sides of 86th Street
- Provides entrance close to 2nd Ave for northern riders
- Provide closer entrance for riders from east
Proposed 86th Street Sidewalk Entrance

86th Street

20'

26'

41'

2'

40'

30'

8'

270' Bump-out

July 29th, 2008
Proposed 86th Street Sidewalk Entrance
Next Steps:

NEPA ENVIRONMENTAL ASSESSMENT
NEPA Environmental Assessment (EA)

- **EA to analyze effects of proposed entrance modifications**
  - Construction-related effects
  - Permanent effects

- **Effects to be compared to those identified in the Second Avenue Subway Final Environmental Impact Statement (FEIS)**
Key Topics to Evaluated in EA

- Land Use
- Neighborhood Character
- Visual and Aesthetic Considerations
- Displacement and Relocation
- Historic and Archaeological Resources
- Effects on Traffic
- Effects on Bus Operations
- Pedestrian Conditions
- Air Quality
- Noise and Vibration
Next Steps:

• FTA approval of track alignment changes
• Commence public outreach at CB8 meeting on July 29th, 2008
• Prepare Environmental Assessment (EA) for both 72nd and 86th entrance options
• Submit EA to FTA in Fall of 2008
• FTA completes review of EA
• Publish EA
• Comments on EA at Public Meeting
PROPOSED REVISIONS TO TRACK ALIGNMENT
Proposed 2-Track Alignment
Proposed 2-Track Cross-Section

(Track proposals assume FTA will approve MTA’s proposed 2 track alignment)
72nd Street Entrance
Entrance Options for 72nd Street

- CVS Design Option
- Sidewalk Entrance
- Opportunities Created by Alignment Change
Entrance – CVS Design

Cavern below

Widened Sidewalks

72nd Street

305 E 72nd St
CVS Entrance Design – Ownership issues

2nd Avenue

72nd Street

Basement Level

2nd Ave

CVS storage (McArthur Properties) Area

305 East 72nd Street

Condo Area

Ownership spaces inside 305E72nd Street basement
July 29th, 2008

CVS Entrance Design – Site visit

2nd Avenue

Basement Level

Widened Sidewalks

72nd Street

Super Store Rm

Gas Meter Rm

CVS Store Storage

Electric Meter Room

Laundry

Service Entrance @ grade

Enlarged plan inside 305E72nd Street

Steam rooms

Enlarged plan inside 305E72nd Street
CVS Entrance Design – Site visit

- Laundry
- Electric Meter Room
- Gas Meter Room
- Steam rooms
- Service Entrance
- Super Store Rm

Enlarged plan inside 305E72nd Street

July 29th, 2008
72nd Street Station Proposed Plan

Ancillary 1

Ancillary 2
Entrance 2

Entrance 1

Elevator
Proposed Entrance 3
Entrance – Proposed Sidewalk Entrance

Cavern below 2nd Avenue

Elevator location

72nd Street

NORTH

305 E 72nd St 311 E 72nd St 315 E 72

VTA Capital Construction
Entrance – Proposed Sidewalk Entrance

72nd Street North East of 2nd Ave
Elevator - SE Corner of 72nd Street
Elevator - SE Corner of 72nd Street - section

- Move Elevator location to center of sidewalk
- 72nd Street Section looking west
- Steam transmission main
- Con Ed exclusion zone

Base Dimensions:
- 25'-0"
- 62'-0"

VTA Capital Construction
Second Avenue Subway
Entrance Options

Option 1: Cavern Below
- Entrance 3
- Elevators only

Option 2: Cavern Below
- 2 Elevators

Option 3: Cavern Below
- Entrance 3
- 2 Escalators

Option 4: Cavern Below
- 2 Elevators
- 2nd Ave
- 2nd Ave

Option 5: Cavern Below
- Entrance 3
- 2 Escalators
- 3 Stairs to StL

Option 6: Cavern Below
- Entrance 3
- 2 Escalators
- 3 Stairs to StL

Option 7: Cavern Below
- Entrance 3
- 2 Escalators
- 3 Stairs to StL

Option 8: Cavern Below
- No Entrance 3

Legend:
- Yellow areas represent the entrance options.
- Red areas indicate the accessible areas.
- Green areas show the surrounding streets.

Details:
- Escalators are numbered 23 and 24.
- Elevators are numbered 23, 24, and 2.
- Entrance 3 is located at various points in each option.
- Widen Crosswalks is an option for improving pedestrian safety.

Date: July 29th, 2008
Option 1

Issues:

- Additional residential (3) and Commercial (2) Takings
- Majority of riders have to cross 72nd Street
East 72nd Street – Option 1

[Image of street view and map showing the location]

[Image of buildings along East 72nd Street]
Entrance – Option 1 (Elevator Only)
Entrance – Option 1 (Elevator Only)
Option 2

**Issues:**

- Not enough sidewalk width
- Does not meet minimum level of service
- Entrance cavern close to station cavern
- Increase cut and cover in 2nd Ave
Option 3

**Issue:**

- Cut & Cover on 72nd street
Option 4

Issues:

- Not enough sidewalk width
- Entrance cavern close to station cavern
- Extensive cut & cover on 72nd St
Option 5

**Issue:**

- *Into 305 East 72nd Street wholly within “CVS” space*
Option 6

Issues:

- Rush hour regulations on traffic lane
- Not enough sidewalk width
- Entrance cavern close to station cavern
Option 7

Issues:

- Cannot fit all requirements into building lot
- Clash with steam transmission main
Option 8

**Issues:**

- *Insufficient space in Falk building site for additional escalator*
- *Riders will have to cross 2nd Ave*
Environmental Assessment (EA) Entrance Options

Option 1

Option 2

Option 3

Option 4

Option 5

Option 6

Option 7

Option 8
Next Steps:

NEPA ENVIRONMENTAL ASSESSMENT
NEPA Environmental Assessment (EA)

- **EA to analyze effects of proposed entrance modifications**
  - Construction-related effects
  - Permanent effects

- *Effects to be compared to those identified in the Second Avenue Subway Final Environmental Impact Statement (FEIS)*
Key Topics to Evaluated in EA

- Land Use
- Neighborhood Character
- Visual and Aesthetic Considerations
- Displacement and Relocation
- Historic and Archaeological Resources
- Effects on Traffic
- Effects on Bus Operations
- Pedestrian Conditions
- Air Quality
- Noise and Vibration
Next Steps:

- FTA approval of track alignment changes
- Commence public outreach at CB8 meeting on July 29th, 2008
- Prepare Environmental Assessment (EA) for both 72nd and 86th entrance options
- Submit EA to FTA in Fall of 2008
- FTA completes review of EA
- Publish EA
- Comments on EA at Public Meeting