APPENDIX I

Variable Message Sign (VMS) Program
Portable VMS Sign Messages
February 4 to 11 and February 28 to March 4
And
February 14 to February 25

Portable VMS Signs -- For Park Drive Entrances

*Park Drive Entrances (8 VMS signs needed)*

- Lenox Avenue Entrance**
- Adam Clayton Powell Jr. Boulevard Entrance**
- West 100th Street Entrance**
- West 96th Street Entrance**
- West 85th Street Entrance**
- West 72nd Street Entrance**
- West 67th Street Entrance**
- East 72nd Street Entrance*

*East Drive    **West Drive

Proposed VMS Message (Full closure -- Feb 4-11 and Feb 28-March 4)

Park
Drives
Closed

February    February
4 to 11    28 to
March 4

Proposed VMS Message (Christo Exhibit Off Peak Closures -- Feb 14-25)

<table>
<thead>
<tr>
<th>East Drive*:</th>
<th>West Drive**:</th>
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<tbody>
<tr>
<td>Art</td>
<td>Art</td>
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<tr>
<td>Exhibit</td>
<td>Exhibit</td>
</tr>
<tr>
<td>East Dr</td>
<td>West Dr</td>
</tr>
<tr>
<td>Closed</td>
<td>Closed</td>
</tr>
<tr>
<td>E 72 – 110 Streets</td>
<td>Lenox to 59 Street</td>
</tr>
<tr>
<td>7-10 AM</td>
<td>3-7 PM</td>
</tr>
<tr>
<td>Feb 14</td>
<td>Feb 14</td>
</tr>
<tr>
<td>Feb 25</td>
<td>Feb 25</td>
</tr>
</tbody>
</table>
Portable VMS Signs – On East Drive Location South of East 72\textsuperscript{nd} Street

Central Park East Drive (1 VMS sign needed)

- Central Park East Drive approaching East 72\textsuperscript{nd} Street (1 facing south)

Proposed VMS Message (Full closure -- Feb 4-11 and Feb 28-March 4)

Central
Park
Drives

Closed
Exit At
E 72 St

Feb 4 – 11  Feb 28 –
March 4

Proposed VMS Message (Christo Exhibit Off Peak Closures -- Feb 14-25)

Art
Exhibit
East Dr

Closed
E 72-110
Streets

7-10 AM
Feb 14 –
Feb 25
Portable VMS Signs – For Local Streets

West Side Locations (7 VMS signs needed)
Southbound and Eastbound Approaches

- Broadway @ 72nd Street (1 facing north)
- Broadway @ 86th Street (1 facing north)
- Broadway @ 96th Street (1 facing north)
- West 96th Street @ Columbus Avenue (1 facing west)
- West 86th Street @ Columbus Avenue (1 facing west)
- West 72nd Street @ Columbus Avenue (1 facing west)
- West 100th Street @ Columbus Avenue (1 facing west)

North Side (Southbound and Westbound Approaches) Locations (5 VMS signs needed)

- Frederick Douglass Blvd. @ 125th Street (1 facing north; 1 facing east)
- 5th Avenue @ 125th Street (1 facing north; 1 facing east)
- Adam Clayton Powell Jr. Boulevard between West 116th and West 115th Street (1 facing north on raised center median)

Proposed VMS Message (Full closure-- Feb 4-11 and Feb 28-March 4)

Park Dr
Closed
Feb 4 – 11
Feb 28-
March 4

Use
Columbus
Avenue

Trans-
Verse Rd
Open

Proposed VMS Message (Christo Exhibit Off Peak Closures-- Feb 14-25)

No Message Needed
Portable VMS Signs -- For Local Streets

*East Side Locations (3 VMS signs needed)*
(Northbound and Westbound approaches)

- Park Avenue @ 72\textsuperscript{nd} Street (1 facing south; 1 facing east)
- Madison Avenue @ 72\textsuperscript{nd} Street (1 facing south)

**Proposed VMS Message (Full closure Feb 4-11 and Feb 28-March 4)**

Park Dr
Closed
Feb 4 – 11          Feb 28 –
          March 4

Use Alt
Routes

Trans-
Verse Rd
Open

**Proposed VMS Message (Christo Exhibit Off Peak Closures -- Feb 14-25)**

No Message Needed
Regional VMS Signs
Controlled by NYCDOT and NYSDOT Traffic Management Center
February 4th Through February 11th
And
February 28th Through March 4th

Overhead Regional Proposed VMS Sign Message:
Central Pk Drives
Closed
Feb 4 – Feb 11
Feb 28 – March 4
Use Alt Routes
Transverse
Roads Open

Please Note: Messages will begin on Monday, January 31st for the Feb 4-Feb 11 message and February 25th for the Feb 28-March 4 message.

NYCDOT VMS Locations

Manhattan
- FDR Drive northbound at Old Slip
- FDR Drive northbound at Jackson Street
- FDR Drive southbound at 10th Street
- FDR Drive Southbound at 130th Street

Queens
- LIE westbound @ 73rd Street (prior to QMT)
- BQE southbound @ 58th Street
- BQE westbound @ Frost Street (Williamsburg Bridge approach)
- Queens Plaza North westbound @ 28th Street
- Northern Boulevard westbound @ 31st Street (Queensborough Bridge approach)

Bronx
- I-95 southbound @ Westchester Avenue
Staten Island

- Staten Island Expressway W/B @ Todt Hill Road (this sign is far and it is for New Jersey bound traffic)

NYSDOT VMS Locations

Bronx

1- N/B Cross Bronx Expwy. West of Park Avenue
2- N/B Cross Bronx Expwy. East of Olmstead Av
3- S/B Cross Bronx Expwy. East of Bathgate Av
4- E/B Bruckner Expwy. West of White Plains Rd
5- N/B Major Deegan Expwy. East Willis Av
6- S/B Major Deegan Expwy. North of Fordham Rd Centerline
7- N/B 2-295 East of East Tremont Ave
8- S/B Bronx River Pkwy North of Allerton Avenue/ Moshulu Pkwy
9- N/B Bruckner Expwy @ East 149 Street and Bruckner Blvd.

Staten Island

1- E/B Staten Island Expwy @ Clove Rd.
2- W/B Staten Island Expwy @ South Ave
APPENDIX II

Physical Treatments
Central Park Dr at 7th Ave Exit
(close 7-10 AM)
East Drive at 72nd St Transpark Split (close 7-10 AM)
APPENDIX III

Full Closure Volume Charts By Location
Full Closure
Vehicle Volumes Northbound Roadways
AM Peak

<table>
<thead>
<tr>
<th>Location</th>
<th>Before</th>
<th>Full Closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amsterdam @ 86-87</td>
<td>3102</td>
<td>23115</td>
</tr>
<tr>
<td>Broadway @ 84-85</td>
<td>834</td>
<td>964</td>
</tr>
<tr>
<td>CPW NB @ 72</td>
<td>206</td>
<td>2117</td>
</tr>
<tr>
<td>CPW NB @ 85-86</td>
<td>1650</td>
<td>16600</td>
</tr>
<tr>
<td>Madison NB @ 58</td>
<td>3508</td>
<td>3635</td>
</tr>
<tr>
<td>Madison NB @ 86-87</td>
<td>264</td>
<td>2048</td>
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<tr>
<td>Madison NB @ 95-96</td>
<td>1496</td>
<td>2067</td>
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<tr>
<td>Park Av NB @ 58</td>
<td>3414</td>
<td>3480</td>
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<tr>
<td>Park Av NB @ 85-86</td>
<td>2555</td>
<td>2714</td>
</tr>
<tr>
<td>Park Av NB @ 95-96</td>
<td>1578</td>
<td>1730</td>
</tr>
</tbody>
</table>

Legend: Before vs Full Closure
Full Closure
Vehicle Volumes Northbound Roadways
PM Peak

![Bar Chart: Full Closure Vehicle Volumes Northbound Roadways PM Peak](chart.png)
Full Closure
Vehicle Volumes Eastbound Roadways
PM Peak
APPENDIX IV

Full Closure Vehicle Travel Time / Speed Charts
Full Closure
Travel Times Northbound and Southbound Roadways
PM Peak
Full Closure Speeds Northbound and Southbound Roadways

AM Peak

<table>
<thead>
<tr>
<th>Roadway</th>
<th>Northbound</th>
<th>Southbound</th>
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</thead>
<tbody>
<tr>
<td>Park Avenue</td>
<td>12.2</td>
<td>9.3</td>
</tr>
<tr>
<td>Madison Avenue</td>
<td>10.1</td>
<td>8.5</td>
</tr>
<tr>
<td>Central Park West</td>
<td>10.2</td>
<td>7.1</td>
</tr>
<tr>
<td>Broadway SB</td>
<td>10.0</td>
<td>7.1</td>
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<tr>
<td>Broadway NB</td>
<td>10.0</td>
<td>7.1</td>
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<td>Columbus Avenue SB</td>
<td>11.4</td>
<td>11.4</td>
</tr>
<tr>
<td>Amsterdam Avenue NB</td>
<td>15.2</td>
<td>14.2</td>
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</table>
Full Closure
Speeds Eastbound and Westbound Roadways
AM Peak

<table>
<thead>
<tr>
<th>Location</th>
<th>Before</th>
<th>Full Closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 St EB</td>
<td>10.1</td>
<td>10.60</td>
</tr>
<tr>
<td>65 St WB</td>
<td>10.3</td>
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<td>79 St EB</td>
<td>8.9</td>
<td>10.30</td>
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<tr>
<td>79 St WB</td>
<td>10.1</td>
<td>10.30</td>
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<td>10.00</td>
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<tr>
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<td>9.3</td>
<td>9.30</td>
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MPH

Before vs. Full Closure
APPENDIX V

Partial Closure
Volume Charts
By Location
Partial Closure
Vehicle Volumes Northbound Roadways
AM Peak

<table>
<thead>
<tr>
<th>Roadway</th>
<th>Volume Before</th>
<th>Volume Full Closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amsterdam @ 86-87</td>
<td>3102</td>
<td>3378</td>
</tr>
<tr>
<td>Broadway @ 84-85</td>
<td>864</td>
<td>966</td>
</tr>
<tr>
<td>CPW NB @ 72</td>
<td>2067</td>
<td>2131</td>
</tr>
<tr>
<td>CPW NB @ 85-86</td>
<td>1650</td>
<td>1718</td>
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<tr>
<td>Madison NB @ 58</td>
<td>3588</td>
<td>3659</td>
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<tr>
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<td>3170</td>
<td>2040</td>
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<td>2762</td>
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<td>1864</td>
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Partial Closure
Vehicle Volumes Northbound Roadways
PM Peak

<table>
<thead>
<tr>
<th>Location</th>
<th>Before</th>
<th>Full Closure</th>
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<tbody>
<tr>
<td>Amsterdam @ 86-87</td>
<td>6520</td>
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<tr>
<td>Broadway @ 84-85</td>
<td>2434</td>
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<td>3427</td>
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<tr>
<td>Madison NB @ 58</td>
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<td>4752</td>
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<td>3264</td>
<td>2997</td>
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<tr>
<td>Park Av NB @ 95-96</td>
<td>3479</td>
<td></td>
</tr>
</tbody>
</table>

Legend: Before - Full Closure
Partial Closure
Vehicle Volumes Southbound Roadways
AM Peak

<table>
<thead>
<tr>
<th>Location</th>
<th>Before</th>
<th>Full Closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbus Av SB @ 95-96</td>
<td>3661 3672</td>
<td>3856 3981</td>
</tr>
<tr>
<td>Columbus Av SB @ 85-87</td>
<td>2200</td>
<td>2290</td>
</tr>
<tr>
<td>Broadway @ 95-96</td>
<td>1815</td>
<td>1936</td>
</tr>
<tr>
<td>CPW SB @ 85-86</td>
<td>2044</td>
<td>2044</td>
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<td>CPW SB @ 72</td>
<td>2006</td>
<td>2006</td>
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<td>CPW SB @ 62-63</td>
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<td>3369 3309</td>
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<tr>
<td>Park Av SB @ 87-86</td>
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Legend: □ Before □ Full Closure
Partial Closure
Vehicle Volumes Southbound Roadways
PM Peak

![Bar Chart: Comparison of vehicle volumes before and after a partial closure for various roadways at different times and under different closures, with specific numbers for each location and time period.]
APPENDIX VI

Partial Closure
Vehicle Travel Time/
Speed Charts
Partial Closure
Travel Times Northbound and Southbound Roadways
PM Peak

- **Amsterdam Avenue NB**: Before 14.46, Partial Closure 13.82
- **Columbus Avenue SB**: Before 12.00, Partial Closure 13.12
- **Broadway NB**: Before 15.22, Partial Closure 15.94
- **Broadway SB**: Before 15.90, Partial Closure 16.45
- **Central Park West NB**: Before 13.22, Partial Closure 21.06
- **Central Park West SB**: Before 15.46, Partial Closure 21.78
- **Fifth Avenue NB**: Before 18.02, Partial Closure 27.02
- **Madison Avenue NB**: Before 18.20, Partial Closure 17.09
- **Park Avenue NB**: Before 14.66, Partial Closure 13.00
- **Park Avenue SB**: Before 16.22, Partial Closure 17.53
Partial Closure
Travel Times Eastbound and Westbound Roadways
AM Peak