ID：

Madison Avenue:

587061858#2 S-N

Park Avenue:

68674962#23 N-S

686125782#9 S-N

Lexington Avenue:

387128267#11 N-S

3rd Avenue:

579565231#3 S-N

2nd Avenue:

391864586#11 N-S

1st Avenue:

gneE30 S-N

York Avenue:

gneE27 S-N

-gneE27 N-S

**Possible flows for edges:**

<flow id="f" begin="0" end="100" number="23" from="beg" to="end"/>

1. Madison Avenue:

587061858#2 S-N NB

587061858#2: “-gneE2”, “391864586#9”, “gneE33”, “gneE39”, “gneE13”, “5672524#4”, “46694757#7”, “gneE29”, “579565231#3”, “46694762#11”

1. from=”587061858#2” to=”-gneE2”
2. from=”587061858#2” to=”391864586#9”
3. from=”587061858#2” to=”gneE33”
4. from=”587061858#2” to=”gneE39”
5. from=”587061858#2” to=”gneE13”
6. Park Avenue:

68674962#23 N-S SB

68674962#23: ”68674962#27”, ”gneE39”, ”gneE11”, ”46694760#12”, ”5670818#5”, “gneE34”, “5672524#4”, “5670507#5”, “46694762#8”, “gneE29”

1. from=”68674962#23” to=”68674962#27”
2. from=”68674962#23” to=”gneE39”
3. from=”68674962#23” to=”gneE11”
4. from=”68674962#23” to=”46694760#12”
5. from=”68674962#23” to=”5670818#5”

686125782#9 S-N NB

686125782#9: ”686125782#15”, ”5670507#5”, ”421853961#1”, ”gneE21”, ”gneE25”, “5670507#3”, “5672524#4”, “5670818#5”, “391864586#8”, “gneE32”

1. from=”686125782#9” to=”686125782#15”
2. from=”686125782#9” to=”5670507#5”
3. from=”686125782#9” to=”421853961#1”
4. from=”686125782#9” to=”gneE21”
5. from=”686125782#9” to=”gneE25”
6. Lexington Avenue:

387128267#11 N-S SB

387128267#11: ”-gneE38”, ”579565231#6”, ”gneE32”, ”gneE29”, ”46694757#5”, 5670818#5, 46694762#4, 587061846#5, 5670818#7, 421854002#1

1. from=”387128267#11” to=”-gneE38”
2. from=”387128267#11” to=”579565231#6”
3. from=”387128267#11” to=”gneE32”
4. from=”387128267#11” to=”gneE29”
5. from=”387128267#11” to=”46694757#5”
6. 3rd Avenue:

579565231#3 S-N NB

579565231#3: ”579565231#8”, ”5672524#5”, ”gneE12”, ”46694762#11”, ”gneE10”, 5670507#5, 5672524#7, 421854002#1, 46694762#8, 587061858#4

1. from=”579565231#3” to=”579565231#8”
2. from=”579565231#3” to=”5672524#5”
3. from=”579565231#3” to=”gneE12”
4. from=”579565231#3” to=”46694762#11”
5. from=”579565231#3” to=”gneE10”
6. 2nd Avenue:

391864586#11 N-S SB

391864586#11: ”gneE39”, ”gneE13”, ”497154281#9”, ”421853961#1”, ”46694762#6”, 46694760#8, 541331867, 46694760#12, 68674962#27, 5670818#7

1. from=”391864586#11” to=”gneE39”
2. from=”391864586#11” to=”gneE13”
3. from=”391864586#11” to=”497154281#9”
4. from=”391864586#11” to=”421853961#1”
5. from=”391864586#11” to=”46694762#6”
6. 1st Avenue:

gneE30 S-N NB

gneE30: ”-gneE2”, ”387128267#7”, ”46694757#9”, ”gneE34”, ”gneE21”, gneE17, 46694762#6, 579565231#7, 387128267#8, 46694760#7

1. from=”gneE30” to=”-gneE2”
2. from=”gneE30” to=”387128267#7”
3. from=”gneE30” to=”46694757#9”
4. from=”gneE30” to=”gneE34”
5. from=”gneE30” to=”gneE21”
6. York Avenue:

gneE27 S-N NB

gneE27: ”gneE25”, ”gneE19”, ”46694757#7”, ”46694762#7”, ”541331866”, gneE17, 5670507#4, 541331867, 587061858#4, 46694762#11

1. from=”gneE27” to=”gneE25”
2. from=”gneE27” to=”gneE19”
3. from=”gneE27” to=”46694757#7”
4. from=”gneE27” to=”46694762#7”
5. from=”gneE27” to=”541331866”

-gneE27 N-S SB

-gneE27: ”gneE34”, ”5672524#5”, ”46694757#8”, ”-gneE7”, ”-46694753#1”, 46694760#7, -46694753#5, 5672524#3, 46694762#11, 68674962#24

1. from=”-gneE27” to=”gneE34”
2. from=”-gneE27” to=”5672524#5”
3. from=”-gneE27” to=”46694757#8”
4. from=”-gneE27” to=”-gneE7”
5. from=”-gneE27” to=”-46694753#1”

out edge:

at fringe:

-46694753#1, 68674962#27, gneE34, gneE39, -gneE7, gneE21, gneE23, gneE25, -gneE26, -gneE2, gneE33, 579565231#8, 686125782#15, gneE10, gneE9, 46694762#11, 541331866, 46694760#12

in the map:

横向：

5670818#1, 5672524#1, 46694762#10, 5670507#3, 5672524#3, 46694757#9, 46694753#5, -46694753#1, 46694762#7, 5672524#4, 5673456#3, -5673456#0, 5670818#4, -46694753#8, 46694762#6, 5670818#5, 46694760#7, -gneE38, gneE38, -5673456#4, 5673456#6, -5673456#6, 46694762#4, 5670818#7, -587061846#5, gneE12, gneE14, gneE18, -gneE19, gneE19

纵向：

587061858#6, 686125782#12, 68674962#18, 68674962#21, 387128267#9, 579565231#6, 391864586#9, gneE29, 421853961#1, -gneE1, -497154281#10

Enter edge:

At fringe:

gneE20, gneE22, gneE24, gneE26, gneE2, 391864586#6, 387128267#6, 68674962#17, -gneE9, 5670507#0, 5672524#0, 5670818#0, 46694753#1, 686125782#5, gneE36, gneE28