CITY WATER TUNNEL SHAFT 33B
PEDESTRIAN APPENDICES:

1. SURVEY SHEETS

2. INTERSECTION GEOMETRIES

3. DATA REDUCTION SHEETS

4. HCS

A. Chapter 4.10-Preferred Shaft Site 59th/1st

B. Chapter 5.10-Water Main Scenario A

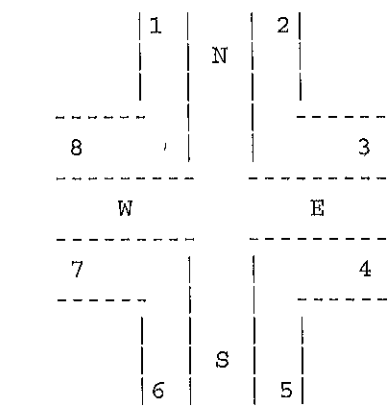
C. Chapter 5.10-Water Main 59th/61st

D. Chapter 8.10-Alternate Shaft Site 54th/2nd

****

FACILITY LOCATION.... First Avenue at 58th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Existing AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
WALKWAY	15-MINUTE PEDESTRIAN VOLUMES (TWO-WAY)	EFFECTIVE WALKWAY WIDTH (FEET)	AVERAGE WALKWAY (p/m/f)*	LOS	PLATOON (p/m/f)*	LOS
1	0	0	0		0	
2	0	0	0		0	
3	0	0	0		0	
4	0	0	0		0	
5	174	4.5	3	B	7	B
6	0	0	0		0	
7	0	0	0		0	
8	0	0	0		0	

* (p/m/f) = Pedestrians/Minute/Foot

```
*****************************************************************

   FACILITY LOCATION.... First Avenue at 58th Street
   ANALYST............... CSD
   TIME OF ANALYSIS..... Existing MD
   DATE OF ANALYSIS..... 08-09-2005
   OTHER INFORMATION.... City Water Tunnel Shaft 33B
```

A) INTERSECTION SCHEMATIC

```
          |1 |    | 2|
          |  | N  |  |
          |  |    |  |
     ------  |    |  ------
      8      |    |      3
     ---------   ---------
         W           E
     ---------   ---------
      7      |    |      4
     ------  |    |  ------
          |  |    |  |
          |  | S  |  |
          |6 |    | 5|
```

B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	190	4.5	3	B	7	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 58th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Existing PM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC

```
          |1 |    | 2|
          |  | N  |  |
          |  |    |  |
     ------  |    |  ------
      8      |    |      3
     ---------    ---------
         W            E
     ---------    ---------
      7      |    |      4
     ------  |    |  ------
          |  |    |  |
          |  | S  |  |
          |6 |    | 5|
```

B) WALKWAY ANALYSIS

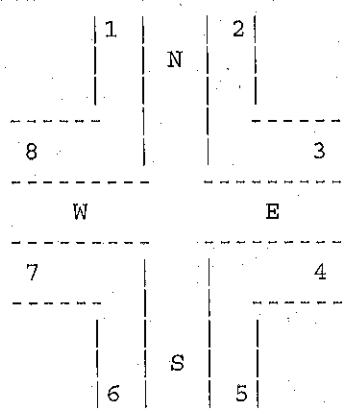
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	189	4.5	3	B	7	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 57th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Existing AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0		0	
2	0	0	0		0	
3	0	0	0		0	
4	0	0	0		0	
5	138	9.5	1	A	5	B
6	0	0	0		0	
7	0	0	0		0	
8	0	0	0		0	

* (p/m/f) = Pedestrians/Minute/Foot

FACILITY LOCATION.... First Avenue at 57th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Existing MD
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC

```
          |1 |    | 2|
          |  | N  |  |
          |  |    |  |
     ------  |    |  ------
      8      |    |      3
     ---------   ---------
         W           E
     ---------   ---------
      7      |    |      4
     ------  |    |  ------
          |  |    |  |
          |  | S  |  |
          |6 |    | 5|
```

B) WALKWAY ANALYSIS

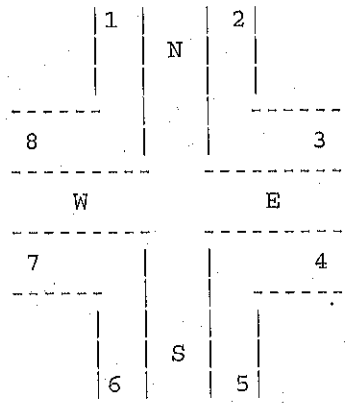
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	170	9.5	1	A	5	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 57th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Existing PM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

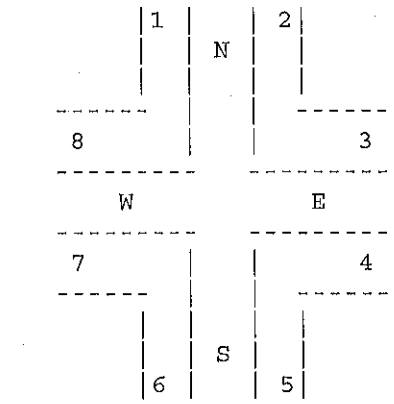
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	194	9.5	1	A	5	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 56th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Existing AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0		0	
2	0	0	0		0	
3	0	0	0		0	
4	0	0	0		0	
5	198	7	2	A	6	B
6	0	0	0		0	
7	0	0	0		0	
8	0	0	0		0	

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 56th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Existing MD
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC

```
          |1 |    | 2|
          |  | N  |  |
          |  |    |  |
     ------  |    |  ------
      8      |    |      3
     ---------    ---------
         W            E
     ---------    ---------
      7      |    |      4
     ------  |    |  ------
          |  |    |  |
          |  | S  |  |
          |6 |    | 5|
```

B) WALKWAY ANALYSIS

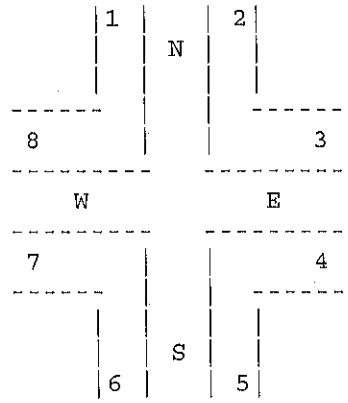
	INPUT DATA		ANALYSIS RESULTS			
			AVERAGE WALKWAY		PLATOON	
WALKWAY	15-MINUTE PEDESTRIAN VOLUMES (TWO-WAY)	EFFECTIVE WALKWAY WIDTH (FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	145	7	1	A	5	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 56th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Existing PM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	162	7	2	A	6	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 58th Street
ANALYST..... CSD
TIME OF ANALYSIS..... No Build AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC

```
---------------------------------------------------------------
        |1 |    | 2|
        |  | N  |  |
        |  |    |  |
   ------  |    |  ------
    8      |    |      3
   ---------    ---------
       W            E
   ---------    ---------
    7      |    |      4
   ------  |    |  ------
        |  |    |  |
        |  | S  |  |
        |6 |    | 5|
```

B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	177	4.5	3	B	7	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

FACILITY LOCATION.... First Avenue at 58th Street
ANALYST..... CSD
TIME OF ANALYSIS..... No Build MD
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC

```
        |1 |    | 2|
        |  | N  |  |
        |  |    |  |
   ------  |    |  ------
    8      |    |      3
   ---------   ---------
       W           E
   ---------   ---------
    7      |    |      4
   ------  |    |  ------
        |  |    |  |
        |  | S  |  |
        |6 |    | 5|
```

B) WALKWAY ANALYSIS

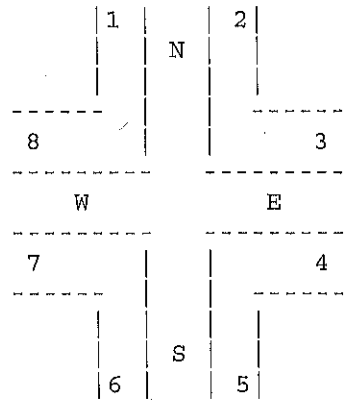
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	194	4.5	3	B	7	B
6	0	0	0	A	4	B
7	0	0	0	A	4	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 58th Street
ANALYST..... CSD
TIME OF ANALYSIS..... No Build PM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

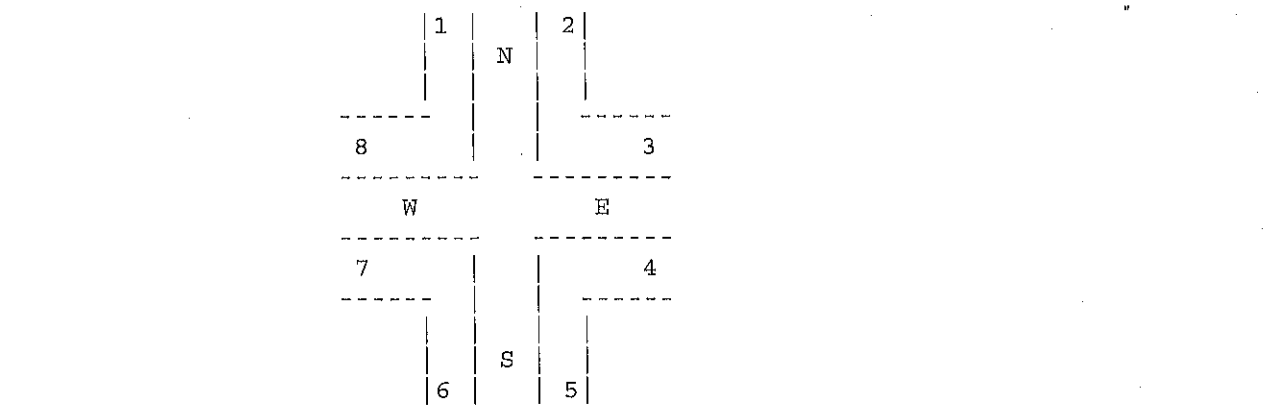
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	193	4.5	3	B	7	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 57th Street
ANALYST..... CSD
TIME OF ANALYSIS..... No Build AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	141	9.5	1	A	5	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

```
*****************************************************************

   FACILITY LOCATION.... First Avenue at 57th Street
   ANALYST............... CSD
   TIME OF ANALYSIS..... No Build MD
   DATE OF ANALYSIS..... 08-09-2005
   OTHER INFORMATION.... City Water Tunnel Shaft 33B
```

A) INTERSECTION SCHEMATIC

```
          |1 |    | 2|
          |  | N  |  |
          |  |    |  |
     ------  |    |  ------
      8      |    |      3
     ---------   ---------
         W           E
     ---------   ---------
      7      |    |      4
     ------  |    |  ------
          |  |    |  |
          |  | S  |  |
          |6 |    | 5|
```

B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	173	9.5	1	A	5	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

```
*****************************************************************

   FACILITY LOCATION.... First Avenue at 57th Street
   ANALYST............... CSD
   TIME OF ANALYSIS..... No Build PM
   DATE OF ANALYSIS..... 08-09-2005
   OTHER INFORMATION.... City Water Tunnel Shaft 33B
```

A) INTERSECTION SCHEMATIC

```
        |1 |    | 2|
        |  | N  |  |
        |  |    |  |
   ------  |    |  ------
    8      |    |      3
   ---------    ---------
       W            E
   ---------    ---------
    7      |    |      4
   ------  |    |  ------
        |  |    |  |
        |  | S  |  |
        |6 |    | 5|
```

B) WALKWAY ANALYSIS

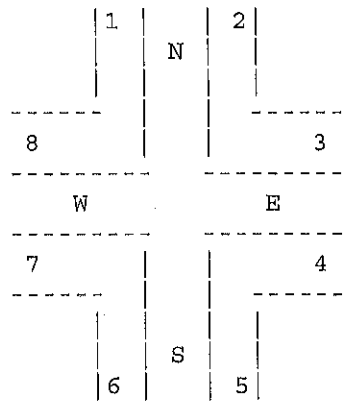
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	198	9.5	1	A	5	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 56th Street
ANALYST..... CSD
TIME OF ANALYSIS..... No Build AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	202	7	2	A	6	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 56th Street
ANALYST..... CSD
TIME OF ANALYSIS..... No Build MD
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC

```
---------------------------------------------------------------
        |1 |    | 2|
        |  | N  |  |
        |  |    |  |
   ------  |    |  ------
    8      |    |      3
   ---------    ----------
       W            E
   ---------    ----------
    7      |    |      4
   ------  |    |  ------
        |  |    |  |
        |  | S  |  |
        |6 |    | 5|
```

B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	148	7	1	A	5	B
6	0	0	0	A	4	B
7	0	0	0	A	4	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 56th Street
ANALYST..... CSD
TIME OF ANALYSIS..... No Build PM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC

```
---------------------------------------------------------------
        |1 |    | 2|
        |  | N  |  |
        |  |    |  |
   ------  |    |  ------
    8      |    |      3
   ---------    ---------
       W            E
   ---------    ---------
    7      |    |      4
   ------  |    |  ------
        |  |    |  |
        |  | S  |  |
        |6 |    | 5|
```

B) WALKWAY ANALYSIS

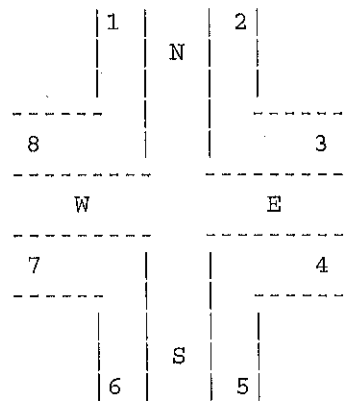
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	166	7	2	A	6	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 58th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Build AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	177	4.5	3	B	7	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

```
*****************************************************************

   FACILITY LOCATION.... First Avenue at 58th Street
   ANALYST............... CSD
   TIME OF ANALYSIS..... Build MD
   DATE OF ANALYSIS..... 08-09-2005
   OTHER INFORMATION.... City Water Tunnel Shaft 33B
```

A) INTERSECTION SCHEMATIC

```
          |1 |    | 2|
          |  | N  |  |
          |  |    |  |
     ------  |    |  ------
      8      |    |      3
     ---------   ---------
         W           E
     ---------   ---------
      7      |    |      4
     ------  |    |  ------
          |  |    |  |
          |  | S  |  |
          |6 |    | 5|
```

B) WALKWAY ANALYSIS

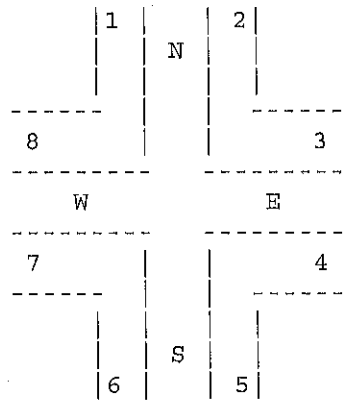
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	194	4.5	3	B	7	B
6	0	0	0	A	4	B
7	0	0	0	A	4	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 58th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Build PM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

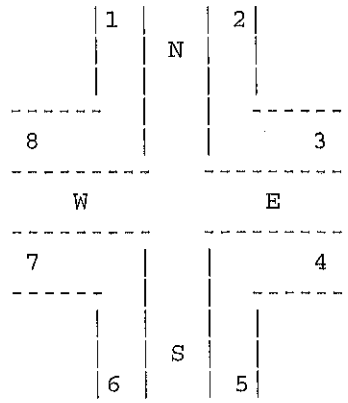
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	193	4.5	3	B	7	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 57th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Build AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

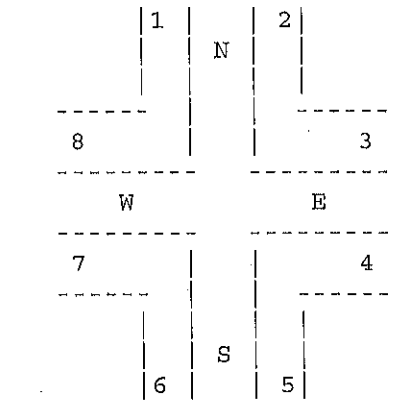
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	141	8.5	1	A	5	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 57th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Build MD
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	3	B	7	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	173	8.5	1	A	5	B
6	0	0	0	A	4	B
7	0	0	2	A	6	B
8	0	0	1	A	5	B

* (p/m/f) = Pedestrians/Minute/Foot

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*****************************************************************

   FACILITY LOCATION.... First Avenue at 57th Street
   ANALYST............... CSD
   TIME OF ANALYSIS..... Build PM
   DATE OF ANALYSIS..... 08-09-2005
   OTHER INFORMATION.... City Water Tunnel Shaft 33B
```

A) INTERSECTION SCHEMATIC

```
          |1 |    | 2|
          |  | N  |  |
          |  |    |  |
     ------  |    |  ------
      8      |    |      3
     ---------    ---------
         W            E
     ---------    ---------
      7      |    |      4
     ------  |    |  ------
          |  |    |  |
          |  | S  |  |
          |6 |    | 5|
```

B) WALKWAY ANALYSIS

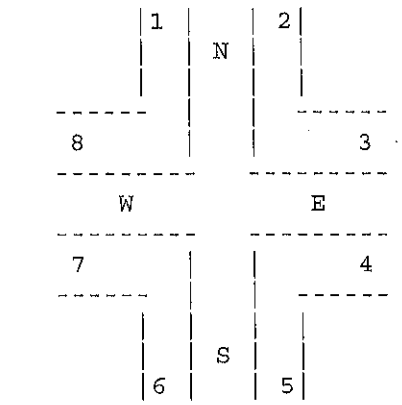
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	198	8.5	2	A	6	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 56th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Build AM
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

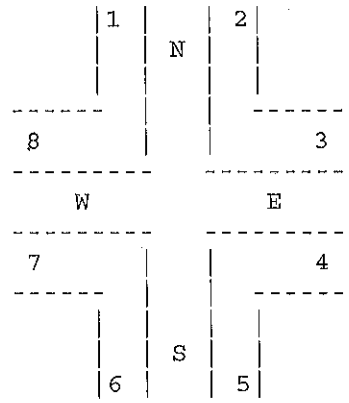
	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	0	A	4	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	202	7	2	A	6	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

****

FACILITY LOCATION.... First Avenue at 56th Street
ANALYST..... CSD
TIME OF ANALYSIS..... Build MD
DATE OF ANALYSIS..... 08-09-2005
OTHER INFORMATION.... City Water Tunnel Shaft 33B

A) INTERSECTION SCHEMATIC



B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
WALKWAY	15-MINUTE PEDESTRIAN VOLUMES (TWO-WAY)	EFFECTIVE WALKWAY WIDTH (FEET)	AVERAGE WALKWAY (p/m/f)*	LOS	PLATOON (p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	148	7	1	A	5	B
6	0	0	0	A	4	B
7	0	0	0	A	4	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot

```
*****************************************************************

   FACILITY LOCATION.... First Avenue at 56th Street
   ANALYST............... CSD
   TIME OF ANALYSIS..... Build PM
   DATE OF ANALYSIS..... 08-09-2005
   OTHER INFORMATION.... City Water Tunnel Shaft 33B
```

A) INTERSECTION SCHEMATIC

```
          |1 |    | 2|
          |  | N  |  |
          |  |    |  |
     ------  |    |  ------
      8      |    |      3
     ---------   ---------
         W           E
     ---------   ---------
      7      |    |      4
     ------  |    |  ------
          |  |    |  |
          |  | S  |  |
          |6 |    | 5|
```

B) WALKWAY ANALYSIS

	INPUT DATA		ANALYSIS RESULTS			
	15-MINUTE PEDESTRIAN VOLUMES	EFFECTIVE WALKWAY WIDTH	AVERAGE WALKWAY		PLATOON	
WALKWAY	(TWO-WAY)	(FEET)	(p/m/f)*	LOS	(p/m/f)*	LOS
1	0	0	1	A	5	B
2	0	0	0	A	4	B
3	0	0	0	A	4	B
4	0	0	0	A	4	B
5	166	7	2	A	6	B
6	0	0	0	A	4	B
7	0	0	1	A	5	B
8	0	0	0	A	4	B

* (p/m/f) = Pedestrians/Minute/Foot