

Analysis of Candidate Speed Safety Camera Locations

Using a data-driven analysis, Bellevue identified 95 candidate SSC locations that are eligible under state law and follow best practices with respect to distribution around the city. Each SSC location generally represents two cameras – one for each direction of travel. Given that it will take time and resources to deploy cameras citywide, Bellevue developed a prioritization framework to identify which of the candidate SSCs should be implemented first.

Prioritization is based on whether the candidate SSC location is on a street with a history of speeding related crashes (Figure 1), a street where speeding is prevalent relative to other streets in the city (Figure 2), and/or a street that has a history of police speeding enforcement (Figure 3). A SSC location can receive a score of up to 100 points:

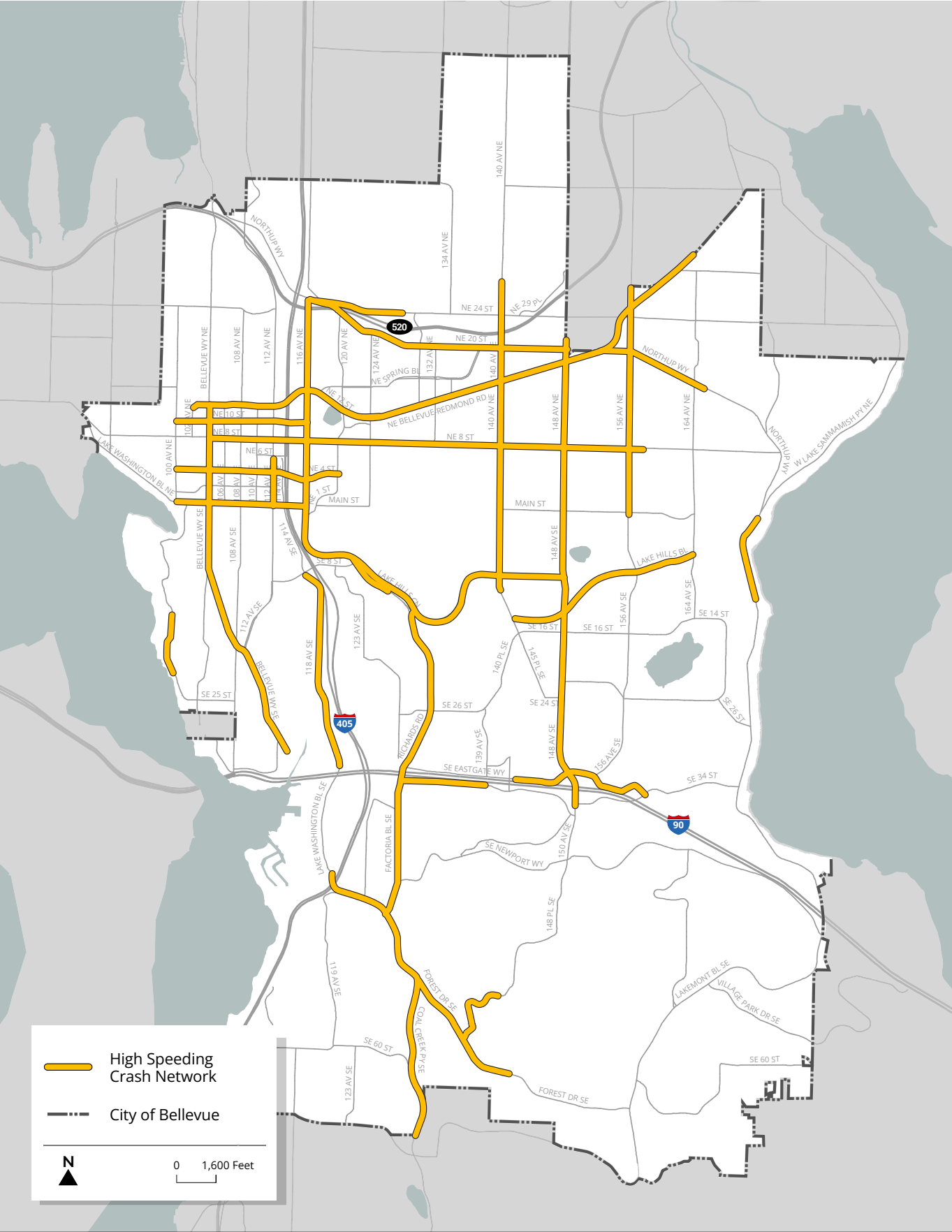
- 1. High-Speeding Crash Network (up to 40 points):** Streets with the highest incidence of speeding-related crashes, weighted by crash severity. This network represents 10% of the city's street mileage but accounts for 88% of all fatal and serious injury crashes involving speeding (source: WSDOT crash data, 2015–2024).
- 2. Speeding Risk Network (up to 40 points):** Streets where at least 15% of vehicles travel 6+ mph over the posted speed limit on weekdays (source: Iteris ClearGuide data, Jan–Mar 2024). This network highlights corridors with elevated speeding risk that may not yet have experienced serious crashes.
- 3. Police Department Citations (up to 20 points):** Streets with the highest concentrations of speeding enforcement, weighted by citations per mile (source: Bellevue Police Department citation data, 2018–2025).

As the city advances candidate SSC locations for camera installation, several additional analyses will be performed:

- An engineering review will be conducted to ensure that the camera can be located where it will be effective and where clear and conspicuous signage can be installed in advance of the camera, per state law.
- As required by state law, an equity analysis will be performed to ensure that cameras are distributed across the city in a way that does not overburden or underrepresent neighborhoods or segments of the population (e.g., age, income, race, disability).

Figure 4 shows all 95 candidate SSC locations that were evaluated. Figure 5 shows only the 37 SSC locations that scored 60 points or above and are prioritized for implementation over the next several years. Note that the equity analysis has been completed for the 37 proposed SSC locations and the engineering review is underway. Table 1 shows the detailed prioritization results for the candidate SSC locations as arranged by location ID.

Figure 1: High-Speeding Crash Network



% Vehicles over Speed Limit (+6mph)

Speeding Risk Network

City of Bellevue

0 1,600 Feet

Figure 3: Police Department Citations

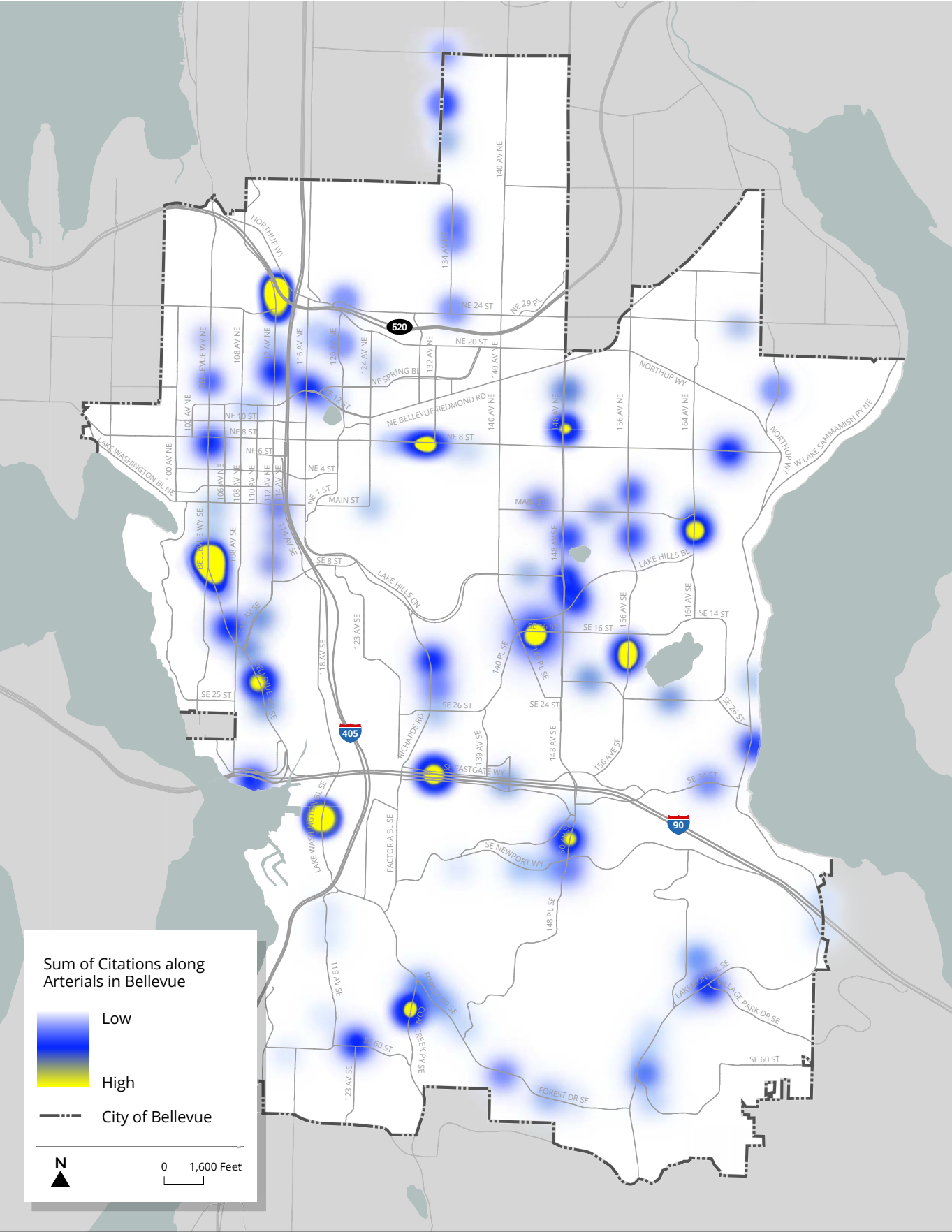


Figure 4: Location of Candidate SSC Locations

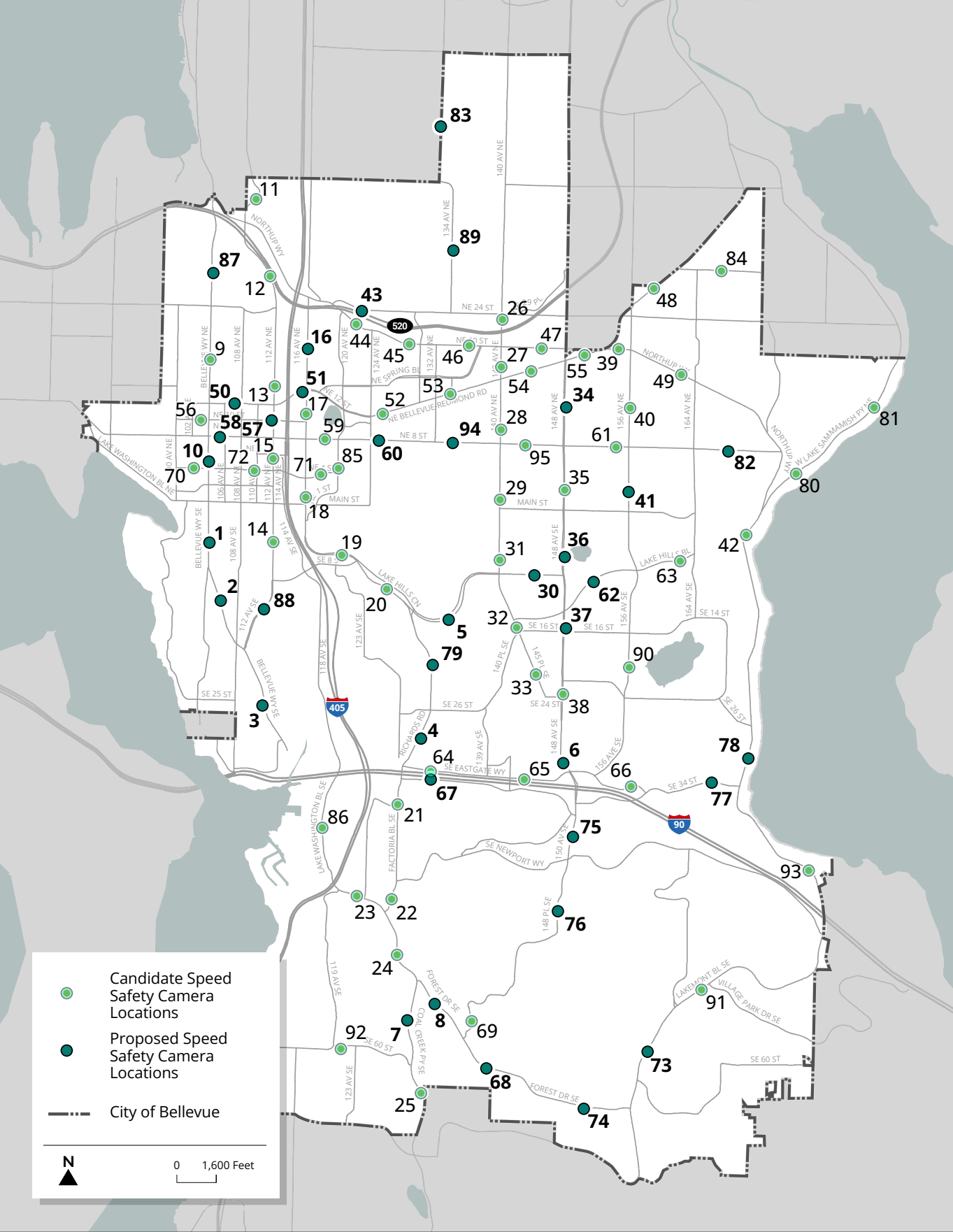


Figure 5: The 37 SSC Locations Scoring 60 or Above

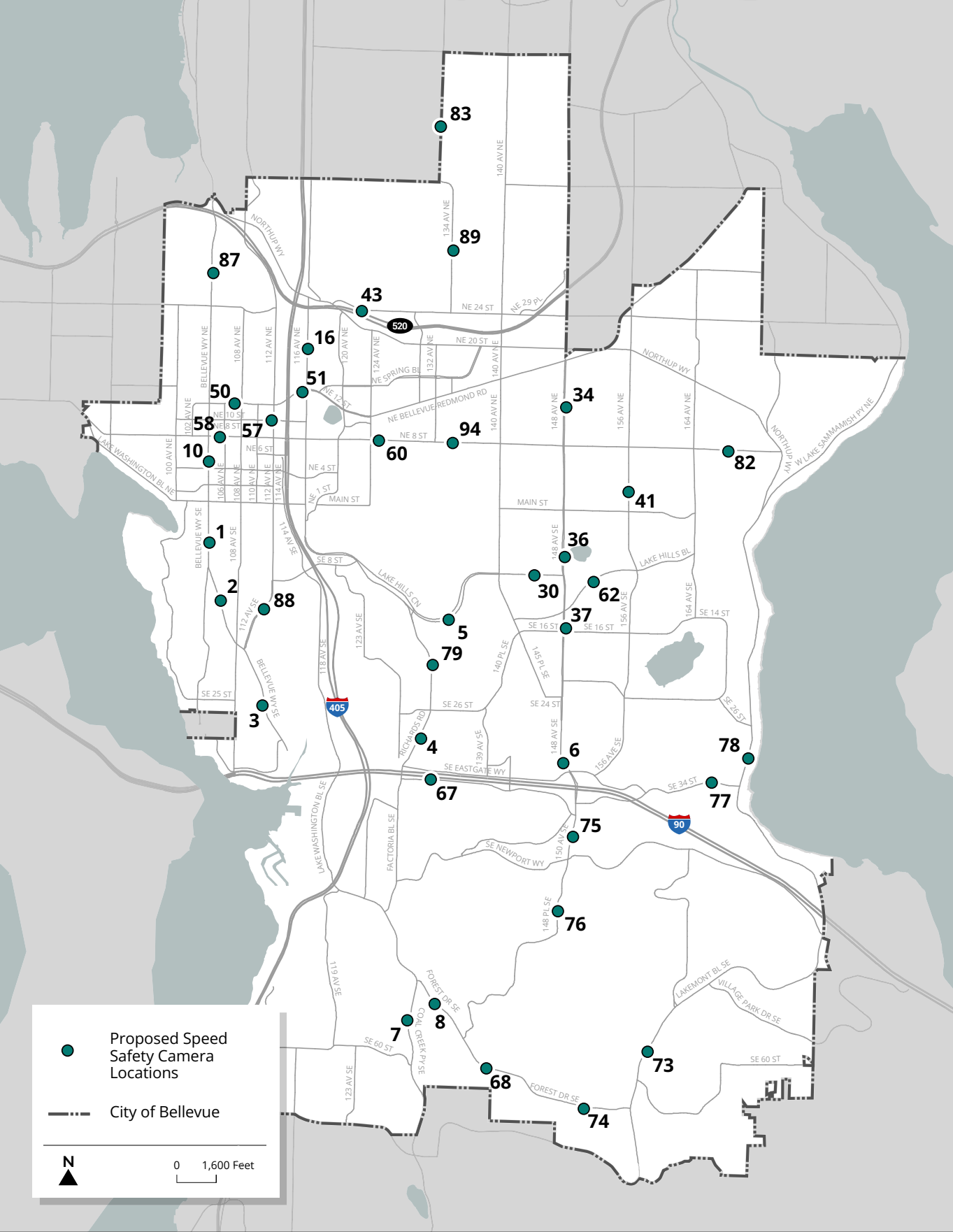


Table 1. Prioritization Scoring Results of 95 Candidate SSC Locations

ID	Street	Closest Intersection	High Speeding Crash Network	Speeding Risk Network	Enforce- ment	Total
1	BELLEVUE WAY SE	BELLEVUE WAY SE & SE 6TH ST	40	40	20	100
2	BELLEVUE WAY SE	BELLEVUE WAY SE & SE 11TH ST	40	40	20	100
3	BELLEVUE WAY SE	BELLEVUE WAY SE & S BELLEVUE STN	40	40	20	100
4	RICHARDS RD	RICHARDS RD & SE 30TH ST	40	40	10	90
5	LAKE HILLS CN	134TH AVE SE & LAKE HILLS CN	40	40	0	80
6	148TH AVE SE	148TH AVE SE & I-90	40	40	0	80
7	COAL CREEK PKWY SE	COAL CREEK PKWY SE & FOREST DR SE (SOUTH OF)	40	40	20	100
8	FOREST DR SE	FOREST DR SE & COAL CREEK PKWY SE	40	40	20	100
9	BELLEVUE WAY NE	BELLEVUE WAY NE & NE 17TH ST	0	0	20	20
10	BELLEVUE WAY NE	BELLEVUE WAY NE & NE 5TH PL	40	0	20	60
11	108TH AVE NE	108TH AVE NE & NE 37TH PL	0	0	0	0
12	112TH AVE NE	112TH AVE NE & NE 24TH ST	0	0	20	20
13	112TH AVE NE	112TH AVE NE & NE 13TH LN	0	0	20	20
14	112TH AVE SE	112TH AVE SE & SE 6TH ST	0	0	20	20
15	112TH AVE NE	112TH AVE NE & NE 6TH ST	40	0	0	40
16	116TH AVE NE	116TH AVE NE & NE 19TH ST	40	0	20	60
17	116TH AVE NE	116TH AVE NE & NE 10TH ST	40	0	0	40
18	116TH AVE NE	116TH AVE NE & NE 2ND PL	40	0	0	40
19	LAKE HILLS CN	LAKE HILLS CN & SE 7TH PL	40	0	0	40
20	LAKE HILLS CN	LAKE HILLS CN & RICHARDS RD	40	0	0	40
21	FACTORIA BLVD SE	FACTORIA BLVD SE & SE 38TH ST	40	0	0	40
22	FACTORIA BLVD SE	FACTORIA BLVD SE & COAL CREEK PKWY SE	40	0	0	40
23	COAL CREEK PKWY SE	COAL CREEK PKWY SE & 124TH AVE SE	40	0	0	40
24	COAL CREEK PKWY SE	COAL CREEK PKWY SE & FOREST DR SE (NORTH OF)	40	0	0	40
25	COAL CREEK PKWY SE	COAL CREEK PKWY SE & NEWCASTLE COMMONS DR	40	0	0	40
26	140TH AVE NE	140TH AVE NE & NE 26TH PL	40	0	0	40
27	140TH AVE NE	140TH AVE NE & NE BELLEVUE-REDMOND RD	40	0	0	40
28	140TH AVE NE	140TH AVE NE & 9TH PL NE	40	0	0	40
29	140TH AVE NE	140TH AVE NE & NE 1ST PL	40	0	0	40

(continued)

ID	Street	Closest Intersection	High Speeding Crash Network	Speeding Risk Network	Enforcement	Total
30	SE 8TH ST	143RD PL SE & SE 8TH ST	40	0	20	60
31	140TH AVE SE	140TH AVE SE & SE 6TH ST	40	0	0	40
32	145TH PL SE	LAKE HILLS BLVD & 145TH PL SE	0	0	0	0
33	145TH PL SE	SE 22ND ST & 145TH PL SE	0	0	20	20
34	148TH AVE NE	148TH AVE NE & NE 13TH PL	40	0	20	60
35	148TH AVE NE	148TH AVE NE & NE 1ST PL	40	0	0	40
36	148TH AVE SE	148TH AVE SE & SE 8TH ST	40	40	20	100
37	148TH AVE SE	148TH AVE SE & SE 16TH ST	40	0	20	60
38	148TH AVE SE	148TH AVE SE & SE 24TH ST	40	0	0	40
39	NE 20TH ST	154TH AVE NE & NE 20TH ST	40	0	0	40
40	156TH AVE NE	156TH AVE NE & NE 12TH ST	40	0	0	40
41	156TH AVE NE	156TH AVE NE & NE 3RD ST	40	0	20	60
42	W LAKE SAMMAMISH PKWY SE	SE 1ST PL & W LAKE SAMMAMISH PKWY SE	40	0	0	40
43	NE 24TH ST	NE 24TH ST & 120TH AVE NE	40	0	20	60
44	NORTHUP WAY	NORTHUP WAY & 120TH AVE NE	40	0	0	40
45	NORTHUP WAY	128TH AVE NE & NORTHUP WAY	40	0	0	40
46	NE 20TH ST	NE 20TH ST & 136TH PL NE	40	0	0	40
47	NE 20TH ST	NE 20TH ST & 148TH AVE NE	40	0	0	40
48	NE BELLEVUE-REDMOND RD	NE BELLEVUE-REDMOND RD & 156TH AVE NE	40	0	0	40
49	NORTHUP WAY	NORTHUP WAY & 162ND AVE NE	40	0	0	40
50	NE 12TH ST	106TH PL NE & NE 12TH ST	40	0	20	60
51	NE 12TH ST	116TH AVE NE & NE 12TH ST	40	0	20	60
52	NE BELLEVUE-REDMOND RD	BELLEVUE-REDMOND RD & 124TH AVE NE	40	0	10	50
53	NE BELLEVUE-REDMOND RD	BELLEVUE-REDMOND RD & 134TH AVE NE	40	0	0	40
54	NE BELLEVUE-REDMOND RD	BELLEVUE-REDMOND RD & NE 20TH PL	40	0	0	40
55	NE BELLEVUE-REDMOND RD	152ND AVE NE & NE BELLEVUE-REDMOND RD	40	0	0	40
56	NE 10TH ST	102ND AVE NE & NE 10TH ST	40	0	0	40
57	NE 10TH ST	111TH AVE NE & NE 10TH ST	40	40	0	80
58	NE 8TH ST	106TH AVE NE & NE 8TH ST	40	0	20	60

(continued)

ID	Street	Closest Intersection	High Speeding Crash Network	Speeding Risk Network	Enforcement	Total
59	NE 8TH ST	116TH AVE NE & NE 8TH ST	40	0	10	50
60	NE 8TH ST	124TH AVE NE & NE 8TH ST	40	40	20	100
61	NE 8TH ST	NE 8TH ST & 156TH AVE NE	40	0	0	40
62	LAKE HILLS BLVD	151ST AVE NE & LAKE HILLS BLVD	40	0	20	60
63	LAKE HILLS BLVD	163RD AVE SE & LAKE HILLS BLVD	40	0	0	40
64	SE EASTGATE WAY	RICHARDS RD & SE EASTGATE WAY	0	0	20	20
65	SE EASTGATE WAY	143RD AVE SE & SE EASTGATE WAY	40	0	0	40
66	SE EASTGATE WAY	160TH AVE SE & SE EASTGATE WAY	40	0	0	40
67	SE 36TH ST	132ND AVE SE & SE 36TH ST	40	0	20	60
68	FOREST DR SE	138TH AVE SE & FOREST DR SE	40	40	20	100
69	HIGHLAND DR	137TH PL SE & HIGHLAND DR	40	0	0	40
70	NE 4TH ST	NE 4TH ST & BELLEVUE WAY NE	40	0	0	40
71	NE 4TH ST	NE 4TH ST & 116TH AVE NE	40	0	0	40
72	NE 4TH ST	110TH AVE NE & NE 4TH ST	40	0	0	40
73	LAKEMONT BLVD SE	LAKEMONT BLVD SE & SE 62ND ST	0	40	20	60
74	FOREST DR SE	152ND AVE SE & FOREST DR SE	0	40	20	60
75	150TH AVE SE	149TH AVE SE & SE 40TH ST	0	40	20	60
76	148TH PL SE	148TH AVE SE & SE 45TH CT	0	40	20	60
77	SE 34TH ST	165TH AVE SE & SE 34TH ST	0	40	20	60
78	W LAKE SAMMAMISH PKWY SE	SE 31ST PL & W LAKE SAMMAMISH PKWY SE	0	40	20	60
79	RICHARDS RD	RICHARDS RD & SE 21ST PL	40	40	20	100
80	W LAKE SAMMAMISH PKWY NE	W LAKE SAMMAMISH PKWY & 176TH LN NE	0	40	0	40
81	W LAKE SAMMAMISH PKWY NE	W LAKE SAMMAMISH PKWY & 15TH PL NE	0	40	0	40
82	NE 8TH ST	168TH AVE NE & NE 8TH ST	0	40	20	60
83	132ND AVE NE	132ND AVE NE & NE 47TH ST	0	40	20	60
84	NE 30TH ST	168TH AVE NE & NE 30TH ST	0	40	0	40
85	120TH AVE NE	120TH AVE NE & NE 5TH ST	0	0	0	0
86	LAKE WASHINGTON BLVD SE	LAKE WASHINGTON BLVD SE & SE 40TH ST	0	0	20	20
87	BELLEVUE WAY NE	BELLEVUE WAY NE & NE 28TH PL	0	40	20	60
88	112TH AVE SE	112TH AVE SE & BELLEFIELD PARK LN	0	40	20	60

(continued)

ID	Street	Closest Intersection	High Speeding Crash Network	Speeding Risk Network	Enforce-ment	Total
89	134TH AVE NE	134TH AVE NE & NE 30TH ST	0	40	20	60
90	156TH AVE SE	156TH AVE SE & SE 20TH PL	0	0	20	20
91	LAKEMONT BLVD SE	LAKEMONT BLVD SE & VILLAGE PARK DR SE	0	0	20	20
92	SE 60TH ST	119TH AVE SE & SE 60TH ST	0	0	20	20
93	WEST LAKE SAMMAMISH PARKWAY	181ST AVE SE & W LAKE SAMMAMISH PKY SE	0	0	0	0
94	NE 8TH ST	NE 8TH ST & 134TH AVE NE	40	0	20	60
95	NE 8TH ST	NE 8TH & 143RD AVE NE	40	0	0	40