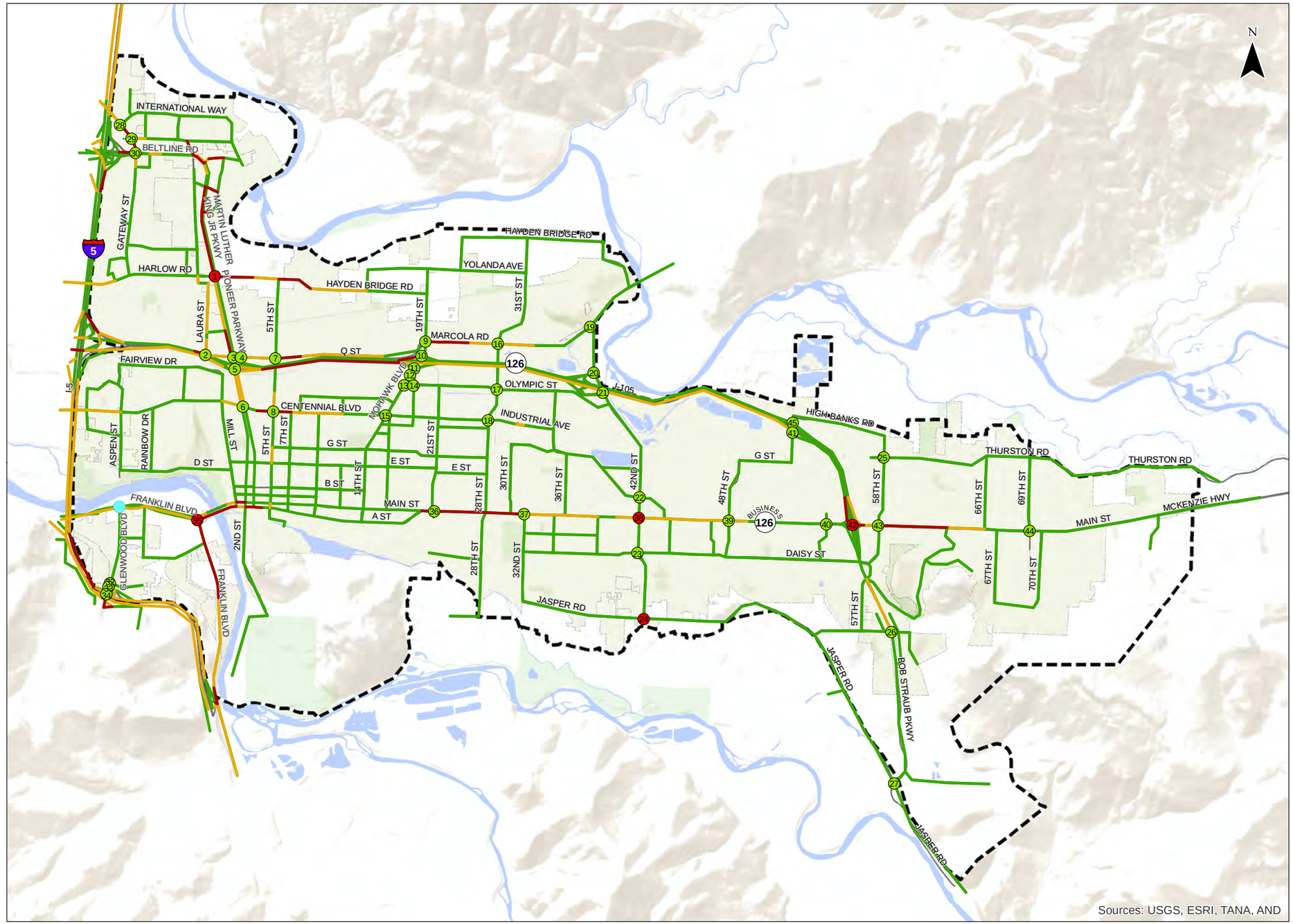
Appendix D

20-year Needs Analyses

Intersection	Cross Streets
1	Pioneer Parkway/Hayden Bridge Road
2	Laura Street/Q Street
3	Pioneer Parkway/Q Street
4	OR 126 westbound off-ramp/Q Street
5	Pioneer Parkway/OR 126 eastbound ramps
6	Pioneer Parkway/Centennial Boulevard
7	5th Street/Q Street
8	5th Street/Centennial Boulevard
9	Mohawk Boulevard/Marcola Road
10	Mohawk Boulevard/OR 126 westbound ramps
11	Mohawk Boulevard/OR 126 eastbound ramps
12	Mohawk Boulevard/18th Street
13	Mohawk Boulevard/Olympic Street
14	18th Street/Olympic Street
15	Mohawk Boulevard/Centennial Boulevard
16	28th Street/Marcola Road
17	28th Street/Olympic Street
18	28th Street/Centennial Boulevard
19	42nd Street/Marcola Road
20	42nd Street/OR 126 westbound ramps
21	42nd Street/OR 126 eastbound ramps
22	42nd Street/Commercial Avenue
23	S 42nd Street/Daisy Street
24	S 42nd Street/Jasper Road
25	58th Street/Thurston Road
26	Bob Straub Pkwy/Mt. Vernon Road
27	Bob Straub Pkwy/Jasper Road
28	Game Farm Road North/International Way
29	Gateway Street/Game Farm Road East
30	Gateway Street/Beltline Road
31	Glenwood Boulevard/Franklin Boulevard
32	Glenwood Boulevard/E 22nd Avenue
33	Glenwood Boulevard/I-5 NB Ramps
34	I-5 SB Ramps/Glenwood Boulevard
35	McVay Highway/Franklin Boulevard
36	Main Street/21st Street
37	Main Street/32nd Street
38	Main Street/42nd Street
39	Main Street/48th Street
40	Main Street/54thStreet
41	52nd Street/OR 126
42	Main Street/OR 126
43	Main Street/58th Street
44	Main Street/69th Street



Intersection Meets Standards

- Yes
- No

Link Volume to Capacity Ratio

- < 0.8
- 0.8 - 1.0
- > 1.0
- Springfield City Limits
- UGB

0 1 2 Miles

2035 Medium-Build Traffic Conditions
Weekday PM Peak Hour

Figure
D1

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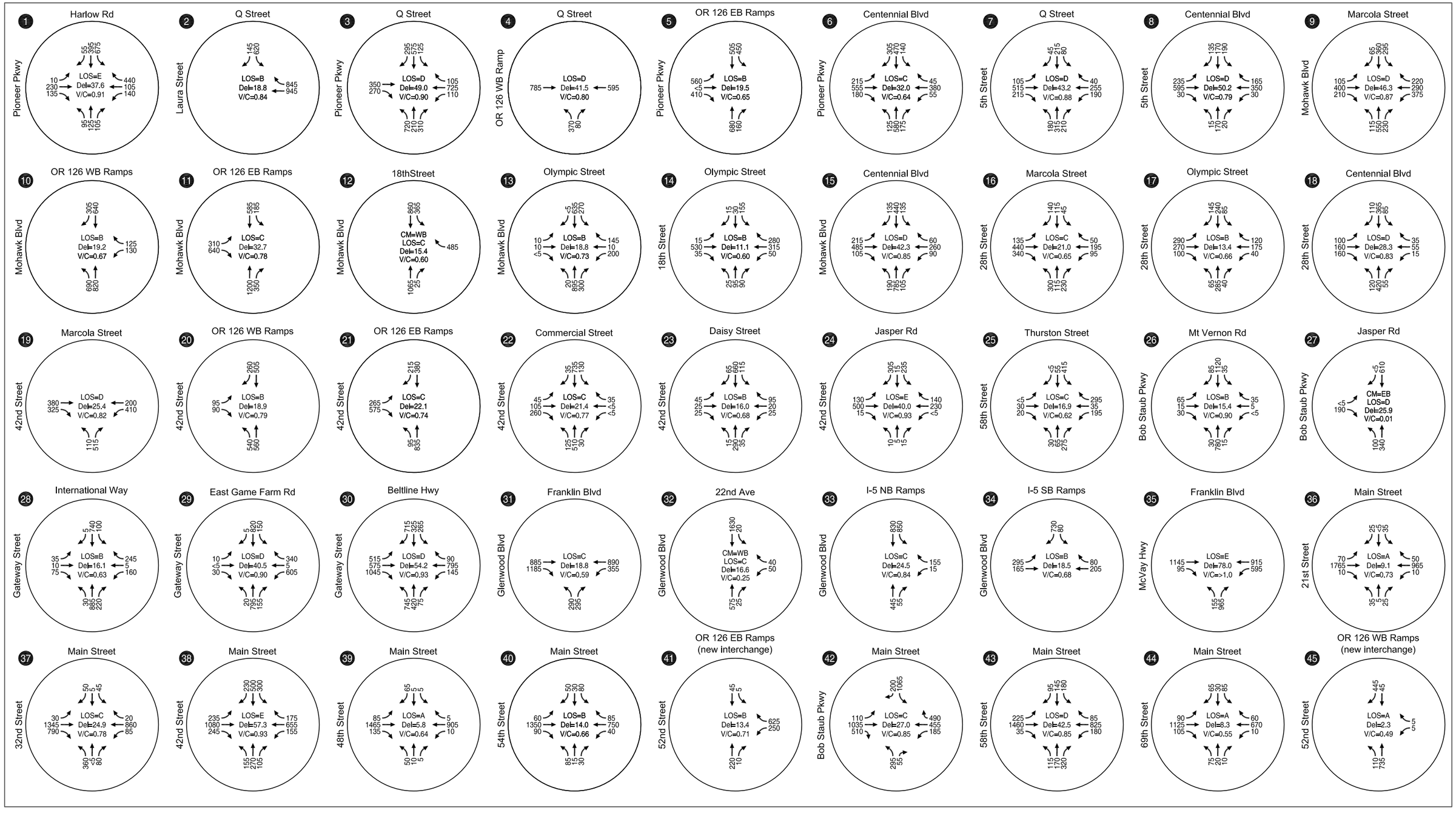
KITTELSON & ASSOCIATES, INC.
TRANSPORTATION ENGINEERING/PLANNING

Coordinate System: NAD 1983 HARN StatePlane Oregon South FIPS 3602 Feet Intl
Data Source: City of Springfield



PM Peak Volumes and Operations - Medium Build Scenario
Springfield, OR

Figure
D2

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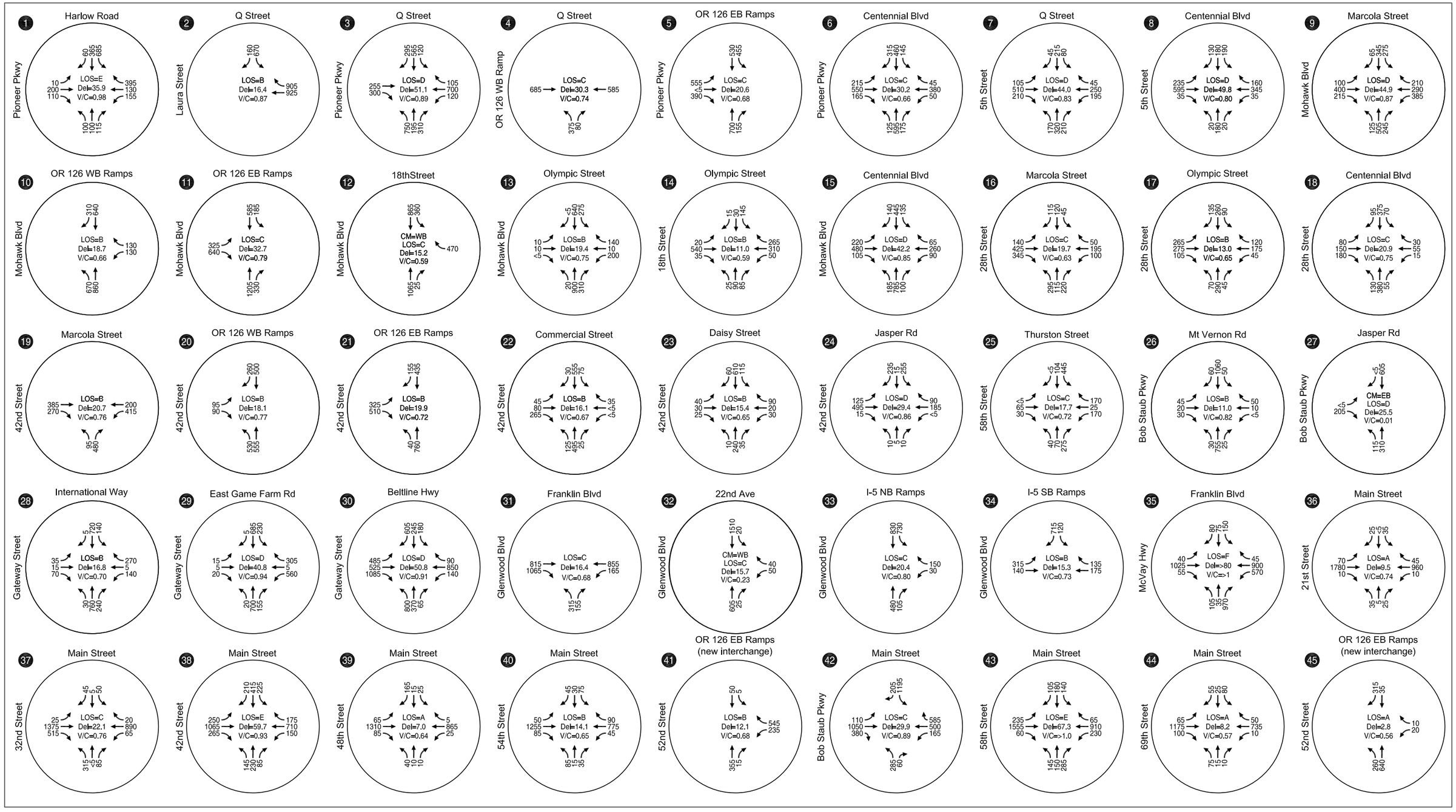

PM Peak Volumes and Operations - High Build Scenario
Springfield, OR

Figure
D3

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