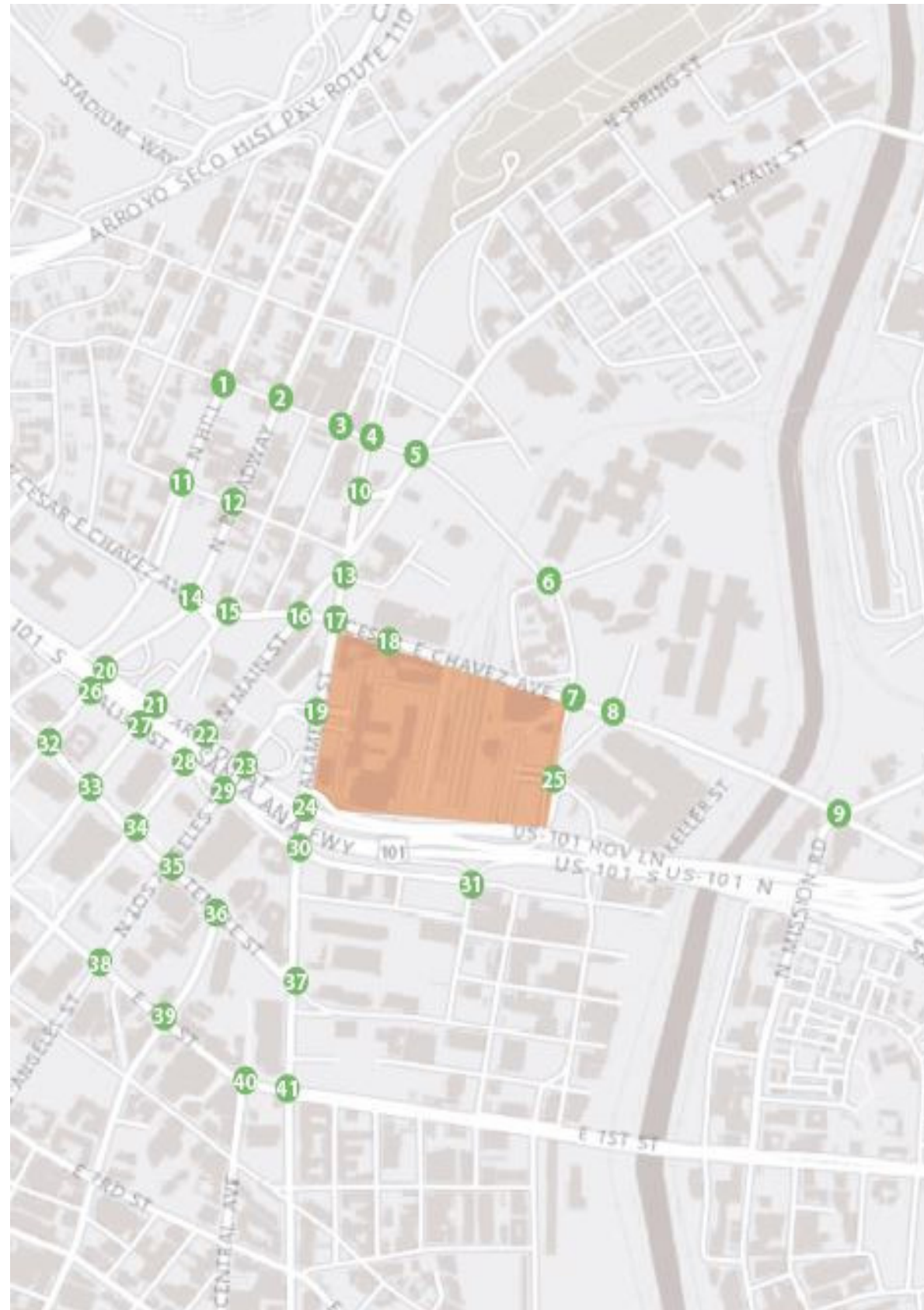


## **APPENDIX H-4: INTERSECTION VOLUMES AND GEOMETRIES**

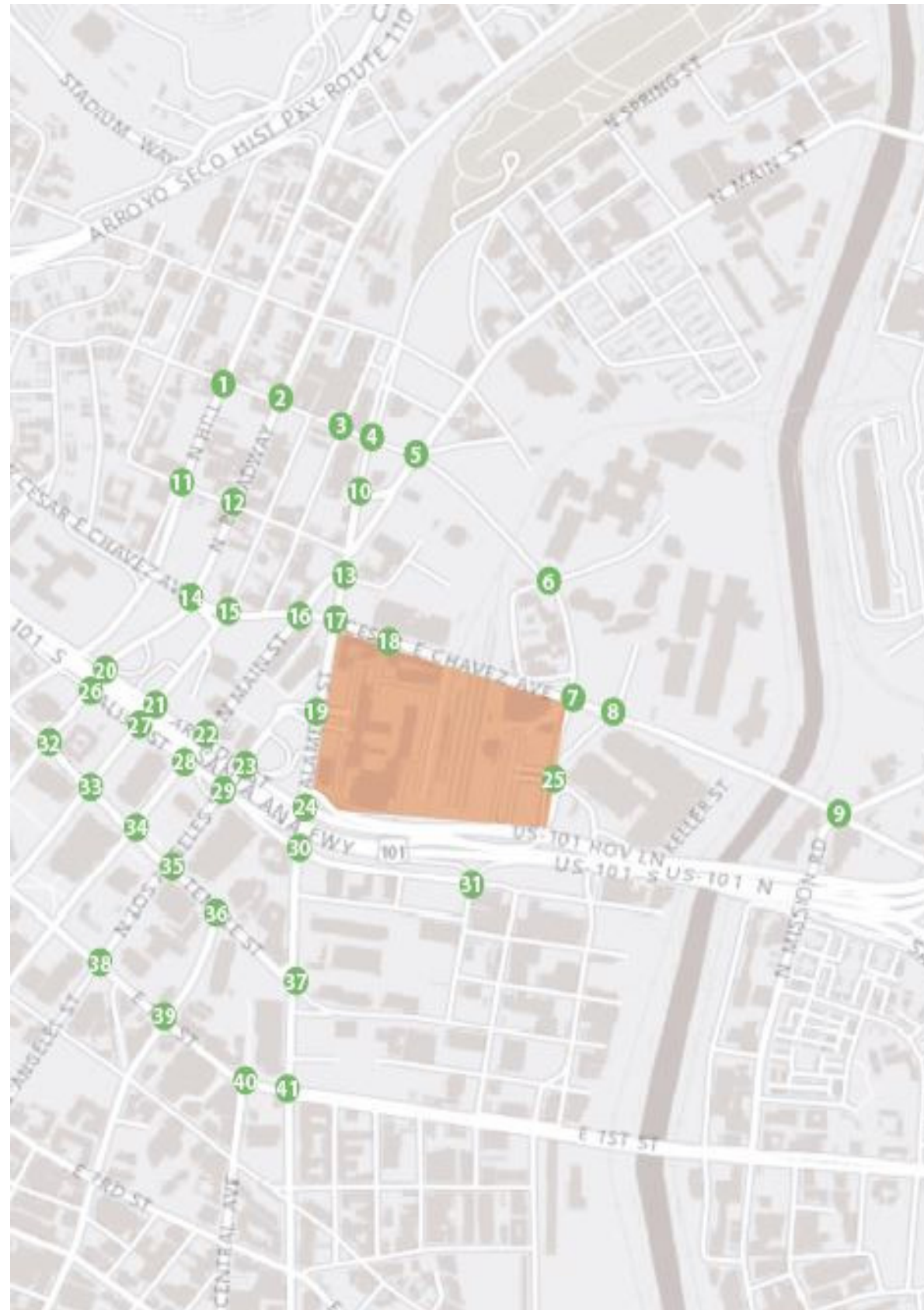
Overview of Changes:  
Page 20-25 replaces 1782-1787



<b>1. Hill Street/Alpine St</b> 	<b>2. Broadway/Alpine St</b> 	<b>3. Spring/Alpine St</b> 
<b>4. Alameda/Alpine St</b> 	<b>5. Main/Alpine St</b> 	<b>6. Vignes/Bauchet</b> 
<b>7. Vignes/Cesar E. Chavez Ave</b> 	<b>8. Lyon/Cesar E. Chavez Ave</b> 	<b>9. Mission/Cesar E. Chavez Ave</b> 
<b>10. Alameda/Alhambra</b> 	<b>11. Hill/Ord</b> 	<b>12. Broadway/Ord</b> 
<b>13. Alameda/Main</b> 	<b>14. Broadway/Cesar E. Chavez Ave</b> 	<b>15. Spring/Cesar E. Chavez Ave</b> 



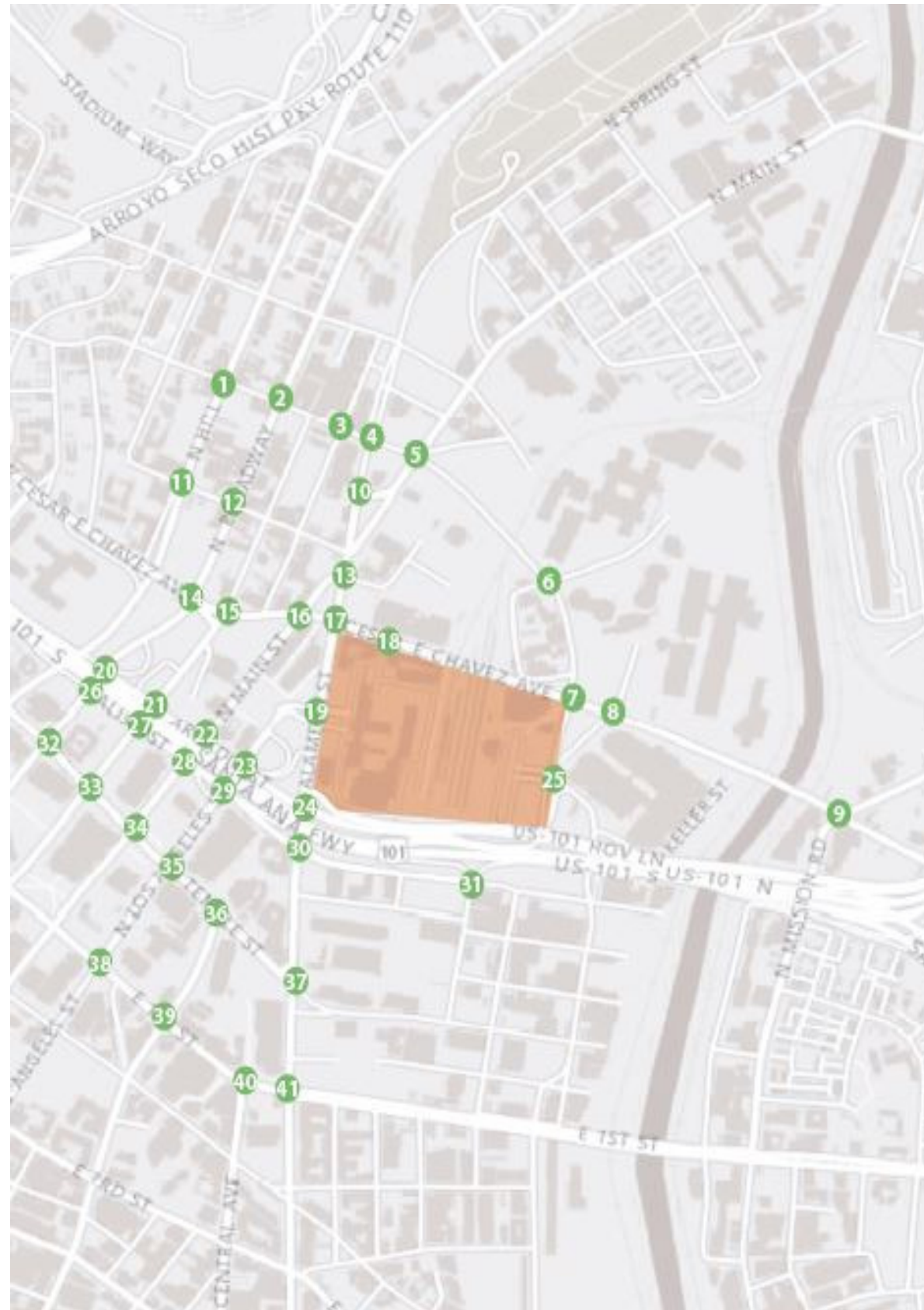
Peak Hour Traffic Volumes and Lane Configurations – Existing Conditions



<p><b>16. Main/Cesar E. Chavez Ave</b></p>	<p><b>17. Alameda/Cesar E. Chavez Ave</b></p>	<p><b>18. Union Station Driveway/Cesar E. Chavez Ave</b></p>
<p><b>19. Alameda/Los Angeles St</b></p>	<p><b>20. Broadway/Arcadia St</b></p>	<p><b>21. Spring/Arcadia St</b></p>
<p><b>22. Main/Arcadia St</b></p>	<p><b>23. Los Angeles/Arcadia St</b></p>	<p><b>24. Alameda/Arcadia St</b></p>
<p><b>25. Vignes/Ramirez St</b></p>	<p><b>26. Broadway/Aliso</b></p>	<p><b>27. Spring/Aliso</b></p>
<p><b>28. Main/Aliso</b></p>	<p><b>29. Los Angeles/Aliso</b></p>	<p><b>30. Alameda/Aliso</b></p>

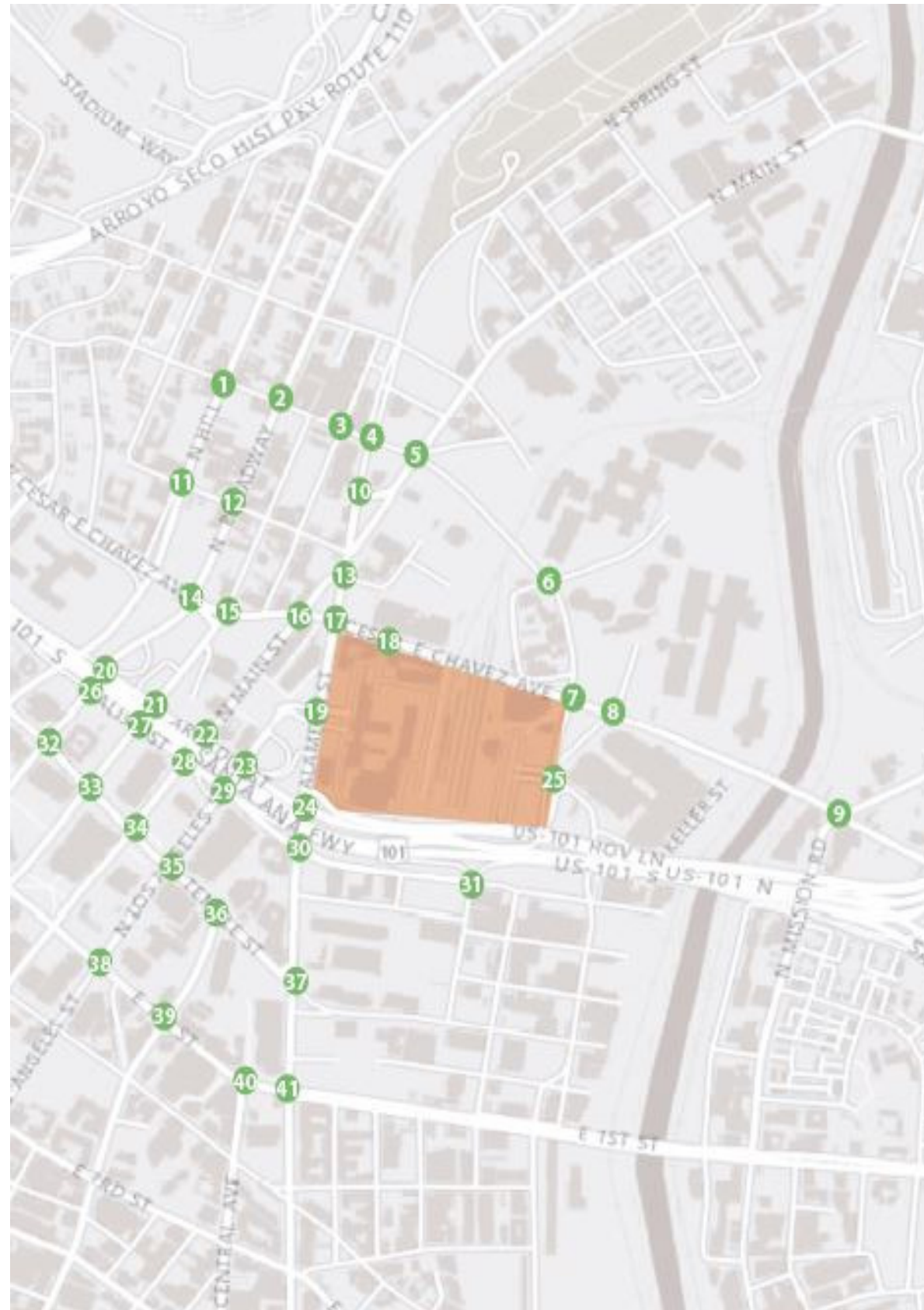
Peak Hour Traffic Volumes and Lane Configurations – Existing Conditions





<b>31. US 101 Ramps/Commercial</b> 	<b>32. Broadway/Temple</b> 	<b>33. Spring/Temple</b> 
<b>34. Main/Temple</b> 	<b>35. Los Angeles/Temple</b> 	<b>36. San Pedro/Temple</b> 
<b>37. Alameda/Temple</b> 	<b>38. Los Angeles/1st</b> 	<b>39. San Pedro/1st</b> 
<b>40. Central/1st</b> 	<b>41. Alameda/1st</b> 	



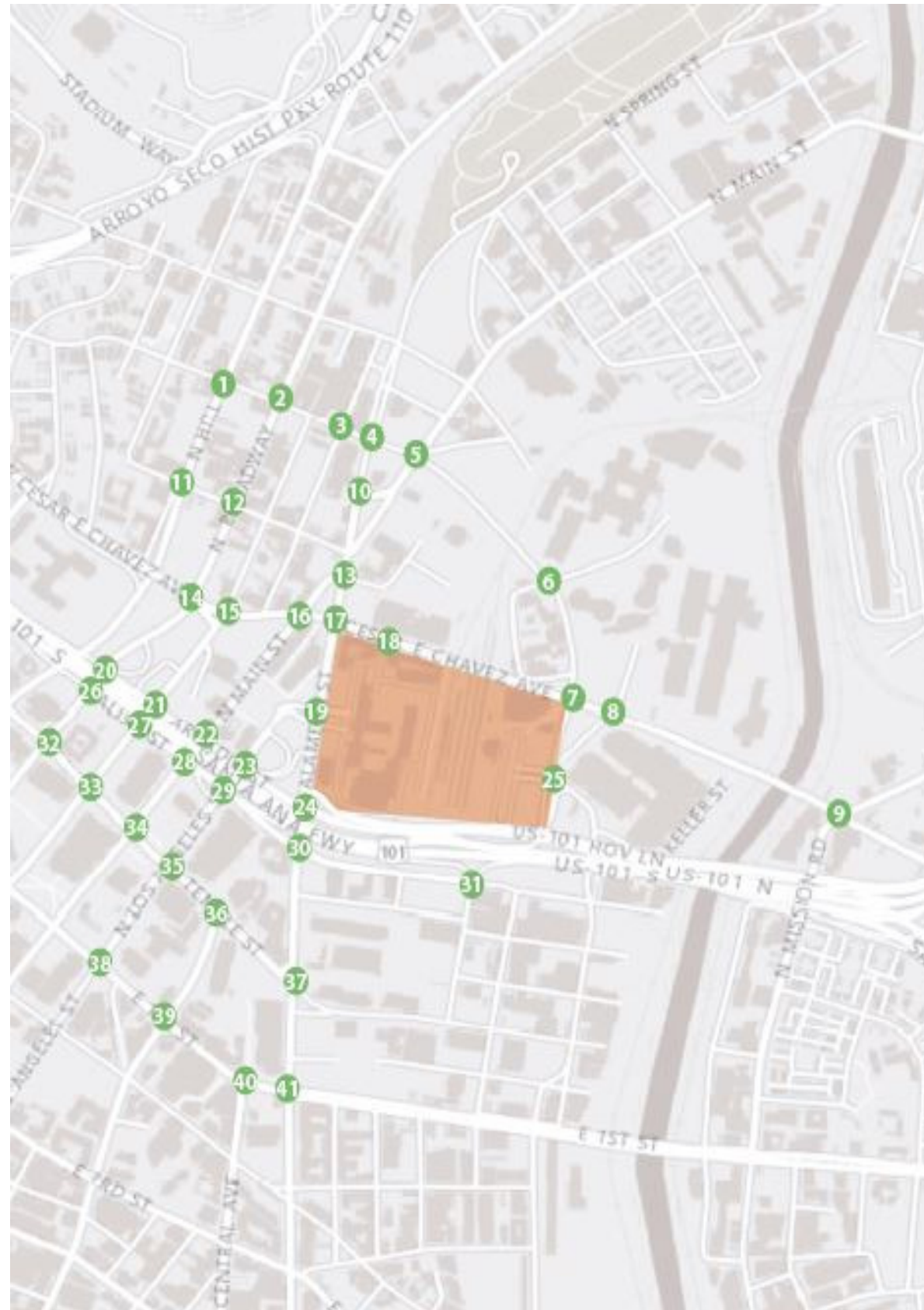


<b>1. Hill Street/Alpine St</b> 	<b>2. Broadway/Alpine St</b> 	<b>3. Spring/Alpine St</b> 
<b>4. Alameda/Alpine St</b> 	<b>5. Main/Alpine St</b> 	<b>6. Vignes/Bauchet</b> 
<b>7. Vignes/Cesar E. Chavez Ave</b> 	<b>8. Lyon/Cesar E. Chavez Ave</b> 	<b>9. Mission/Cesar E. Chavez Ave</b> 
<b>10. Alameda/Alhambra</b> 	<b>11. Hill/Ord</b> 	<b>12. Broadway/Ord</b> 
<b>13. Alameda/Main</b> 	<b>14. Broadway/Cesar E. Chavez Ave</b> 	<b>15. Spring/Cesar E. Chavez Ave</b> 

\*Transit only.

\*\*Through traffic is transit only.





<p><b>16. Main/Cesar E. Chavez Ave</b></p>	<p><b>17. Alameda/Cesar E. Chavez Ave</b></p>	<p><b>18. Union Station Driveway/Cesar E. Chavez Ave</b></p>
<p><b>19. Alameda/Los Angeles St</b></p>	<p><b>20. Broadway/Arcadia St</b></p>	<p><b>21. Spring/Arcadia St</b></p>
<p><b>22. Main/Arcadia St</b></p>	<p><b>23. Los Angeles/Arcadia St</b></p>	<p><b>24. Alameda/Arcadia St</b></p>
<p><b>25. Vignes/Ramirez St</b></p>	<p><b>26. Broadway/Aliso</b></p>	<p><b>27. Spring/Aliso</b></p>
<p><b>28. Main/Aliso</b></p>	<p><b>29. Los Angeles/Aliso***</b></p>	<p><b>30. Alameda/Aliso</b></p>

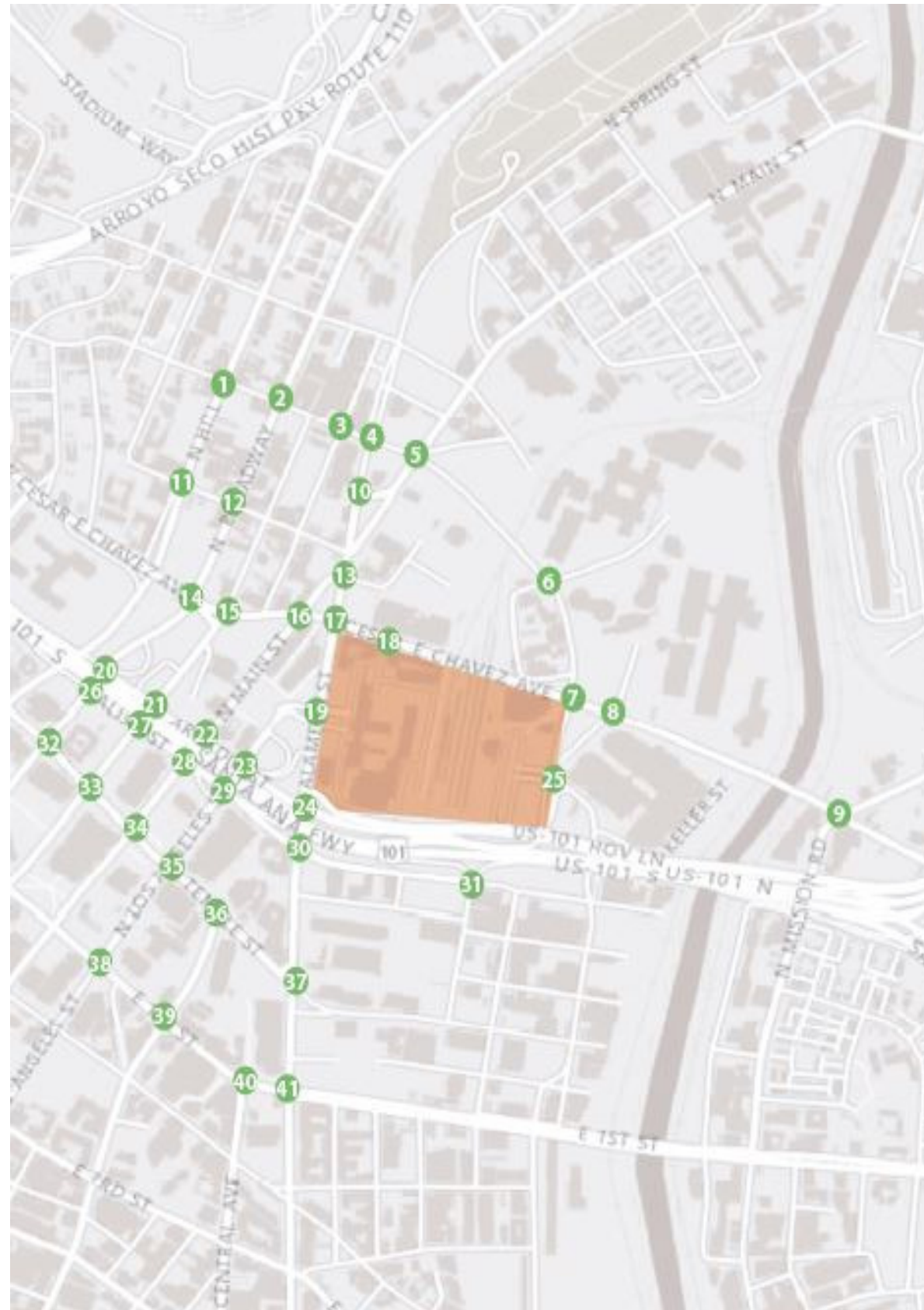
\*Transit only.

\*\*Through traffic is transit only.

\*\*\*Bold face volumes are entering

freeway.

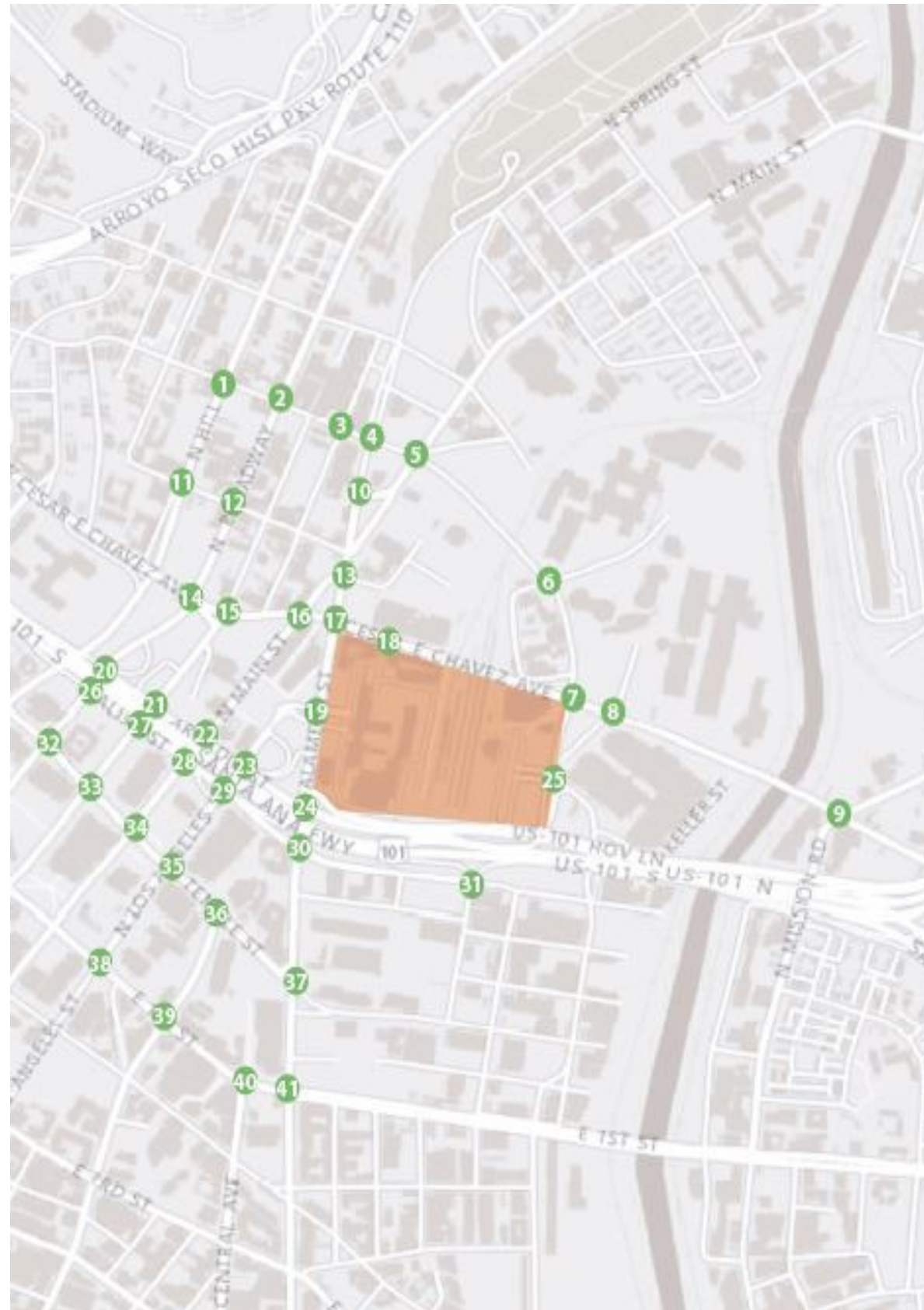




<b>31. US 101 Ramps/Commercial</b> 	<b>32. Broadway/Temple</b> 	<b>33. Spring/Temple</b> 
<b>34. Main/Temple</b> 	<b>35. Los Angeles/Temple</b> 	<b>36. San Pedro/Temple</b> 
<b>37. Alameda/Temple</b> 	<b>38. Los Angeles/1st</b> 	<b>39. San Pedro/1st</b> 
<b>40. Central/1st</b> 	<b>41. Alameda/1st</b> 	

\*Transit only.





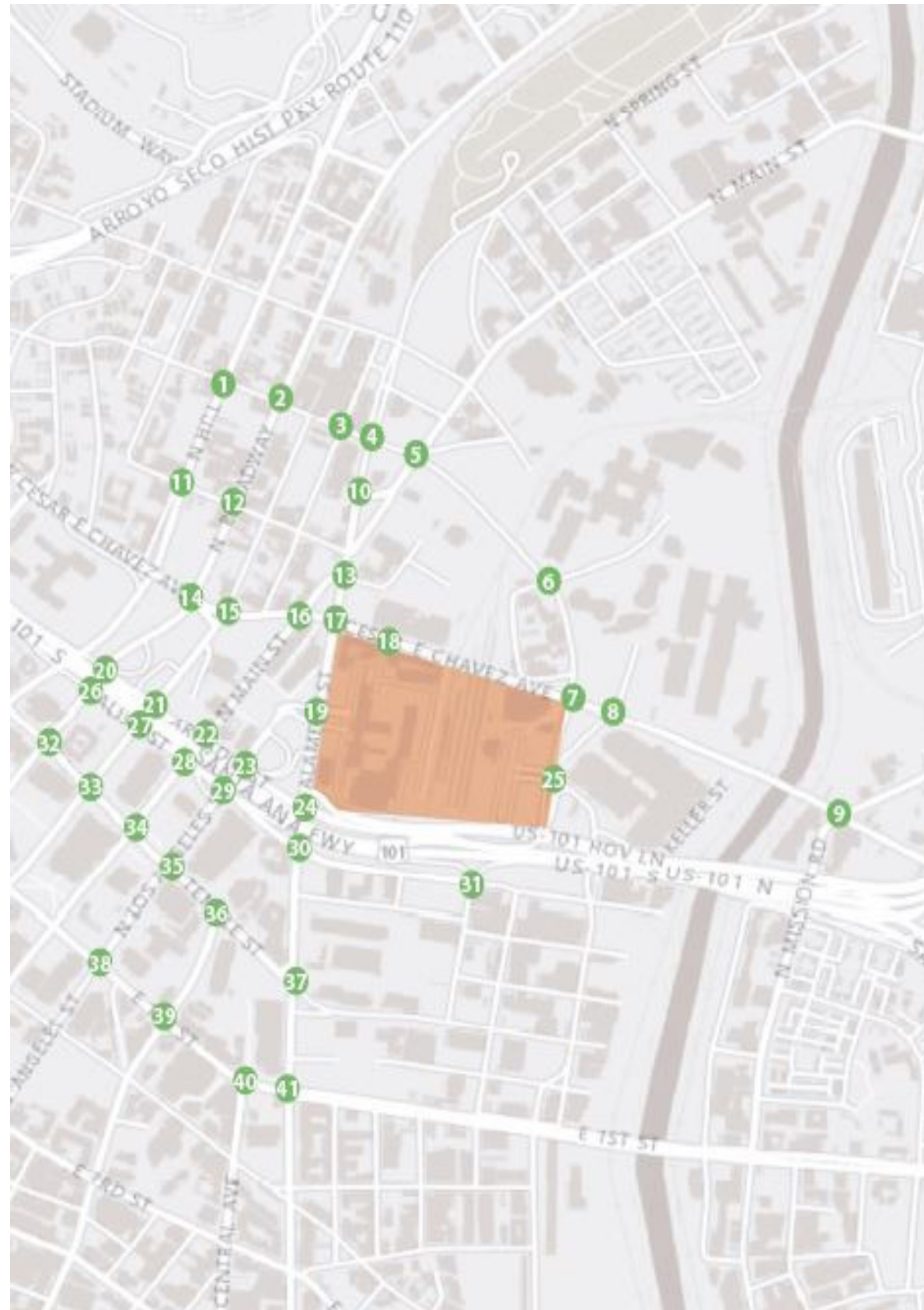
<b>1. Hill Street/Alpine St</b> 	<b>2. Broadway/Alpine St</b> 	<b>3. Spring/Alpine St</b> 
<b>4. Alameda/Alpine St</b> 	<b>5. Main/Alpine St</b> 	<b>6. Vignes/Bauchet</b> 
<b>7. Vignes/Cesar E. Chavez Ave</b> 	<b>8. Lyon/Cesar E. Chavez Ave</b> 	<b>9. Mission/Cesar E. Chavez Ave</b> 
<b>10. Alameda/Alhambra</b> 	<b>11. Hill/Ord</b> 	<b>12. Broadway/Ord</b> 
<b>13. Alameda/Main</b> 	<b>14. Broadway/Cesar E. Chavez Ave</b> 	<b>15. Spring/Cesar E. Chavez Ave</b> 

\*Transit only.

\*\*Through traffic is transit only.







<p><b>16. Main/Cesar E. Chavez Ave</b></p>	<p><b>17. Alameda/Cesar E. Chavez Ave</b></p>	<p><b>18. Union Station Driveway/ Cesar E. Chavez Ave</b></p>
<p><b>19. Alameda/Los Angeles St</b></p>	<p><b>20. Broadway/Arcadia St</b></p>	<p><b>21. Spring/Arcadia St</b></p>
<p><b>22. Main/Arcadia St</b></p>	<p><b>23. Los Angeles/Arcadia St</b></p>	<p><b>24. Alameda/Arcadia St</b></p>
<p><b>25. Vignes/Ramirez St</b></p>	<p><b>26. Broadway/Aliso</b></p>	<p><b>27. Spring/Aliso</b></p>
<p><b>28. Main/Aliso</b></p>	<p><b>29. Los Angeles/Aliso***</b></p>	<p><b>30. Alameda/Aliso</b></p>

\*Transit only.

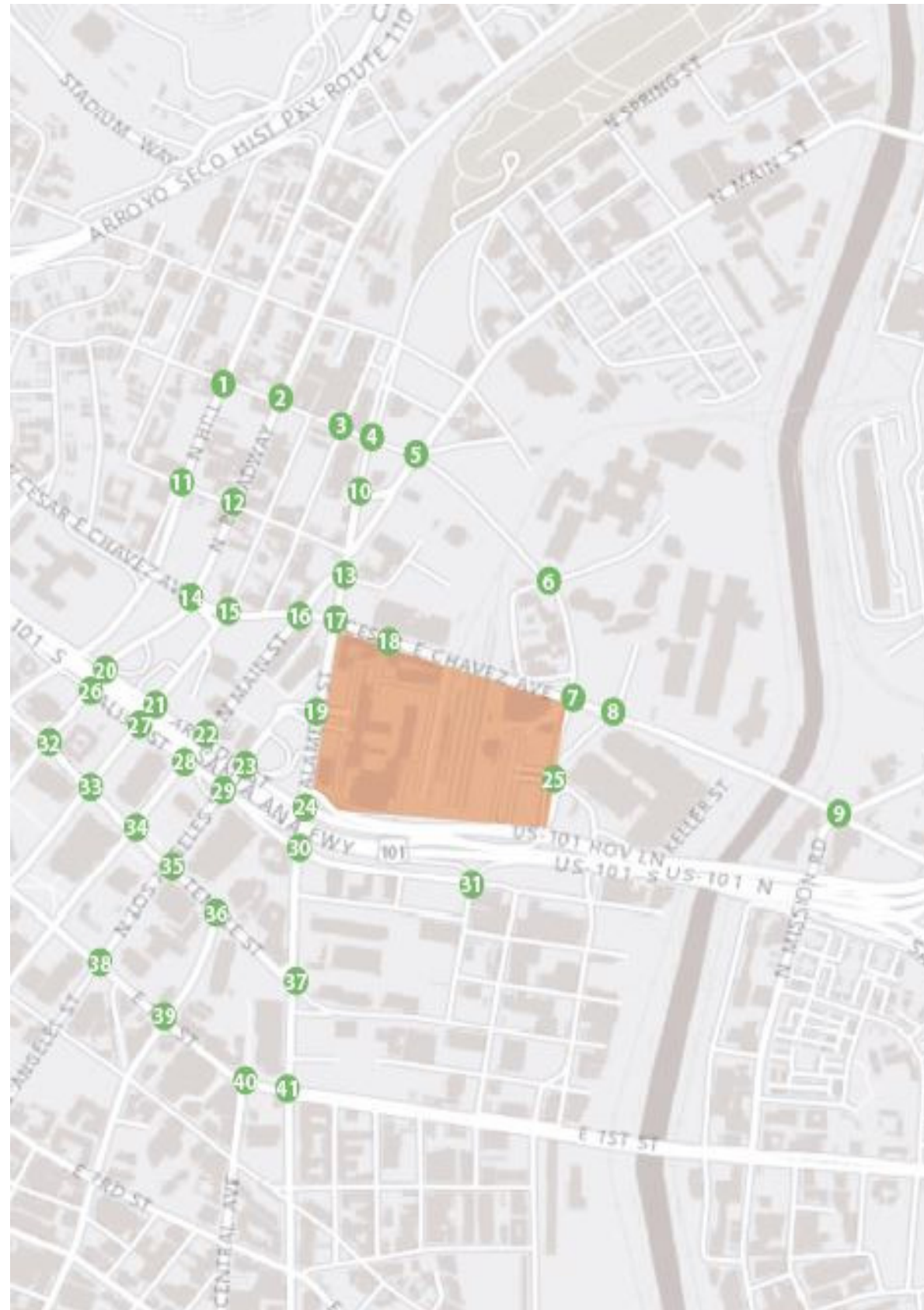
\*\*Through traffic is transit only.

\*\*\*Bold face volumes are entering

freeway.

Peak Hour Traffic Volumes and Lane Configurations - Future Year 2029 + Project

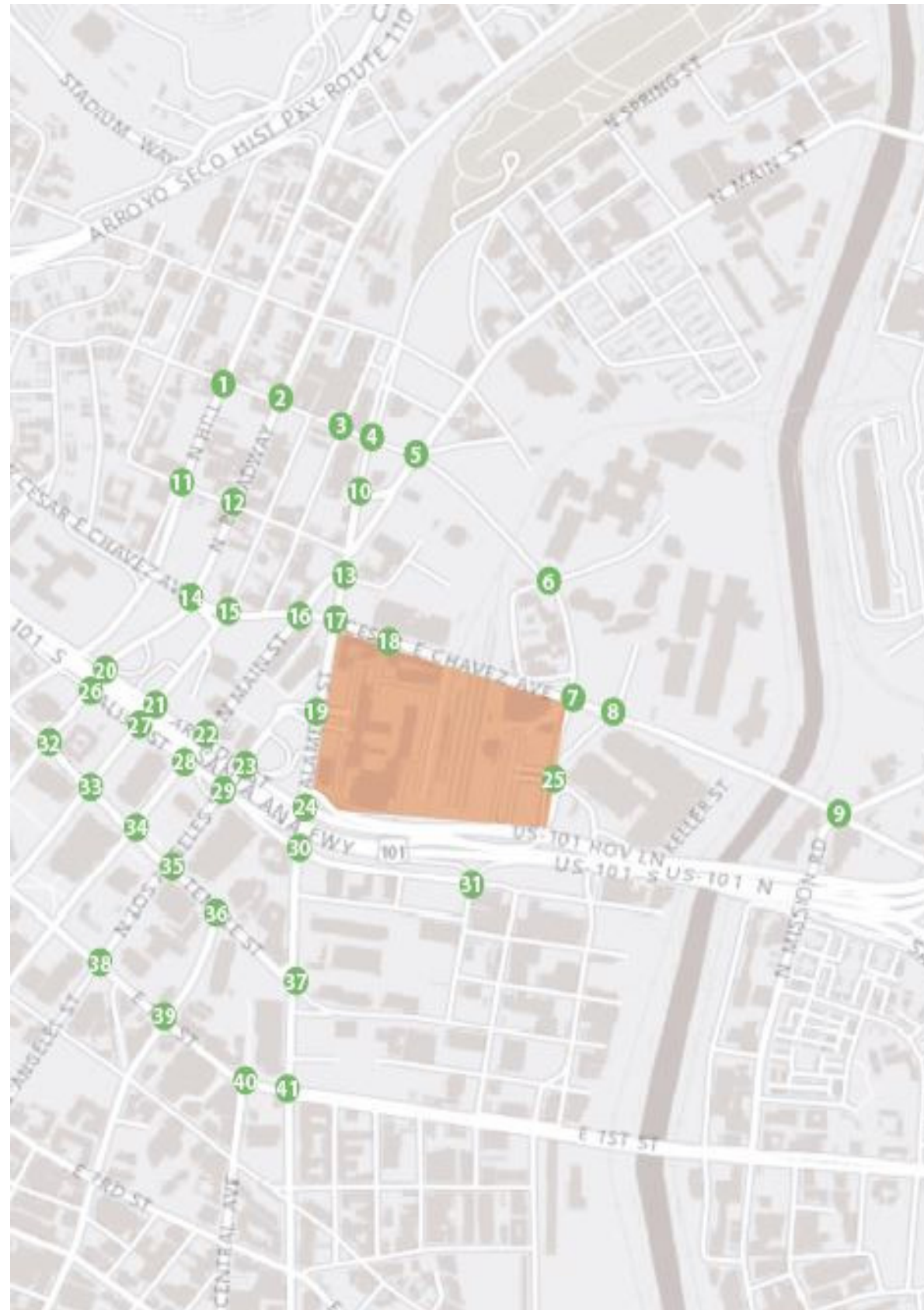




<b>31. US 101 Ramps/Commercial</b> 	<b>32. Broadway/Temple</b> 	<b>33. Spring/Temple</b> 
<b>34. Main/Temple</b> 	<b>35. Los Angeles/Temple</b> 	<b>36. San Pedro/Temple</b> 
<b>37. Alameda/Temple</b> 	<b>38. Los Angeles/1st</b> 	<b>39. San Pedro/1st</b> 
<b>40. Central/1st</b> 	<b>41. Alameda/1st</b> 	

\*Transit only.



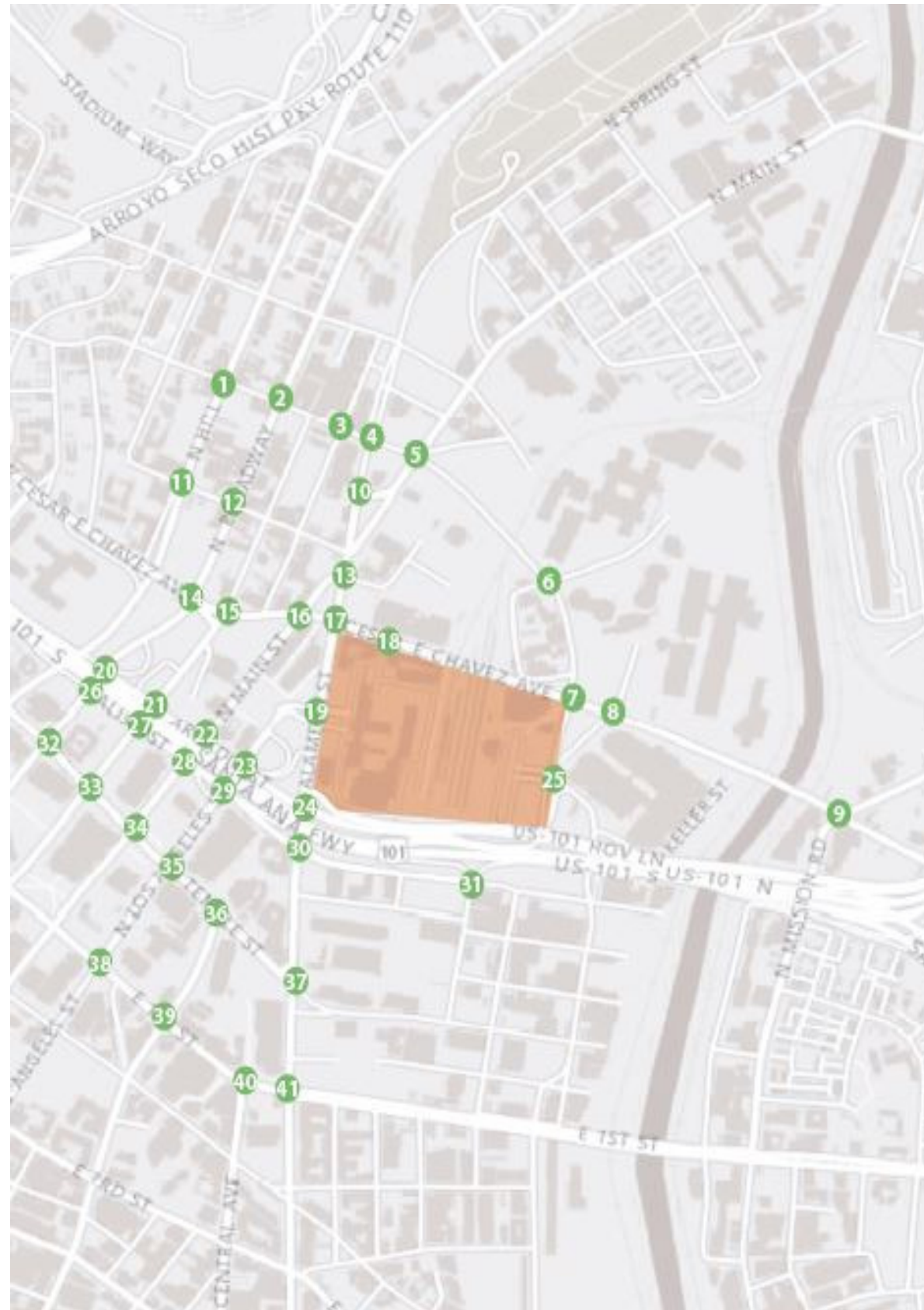


<b>1. Hill Street/Alpine St</b> 	<b>2. Broadway/Alpine St</b> 	<b>3. Spring/Alpine St</b> 
<b>4. Alameda/Alpine St</b> 	<b>5. Main/Alpine St</b> 	<b>6. Vignes/Bauchet</b> 
<b>7. Vignes/Cesar E. Chavez Ave</b> 	<b>8. Lyon/Cesar E. Chavez Ave</b> 	<b>9. Mission/Cesar E. Chavez Ave</b> 
<b>10. Alameda/Alhambra</b> 	<b>11. Hill/Ord</b> 	<b>12. Broadway/Ord</b> 
<b>13. Alameda/Main</b> 	<b>14. Broadway/Cesar E. Chavez Ave</b> 	<b>15. Spring/Cesar E. Chavez Ave</b> 

\*Transit only.

\*\*Through traffic is transit only.





<p><b>16. Main/Cesar E. Chavez Ave</b></p>	<p><b>17. Alameda/Cesar E. Chavez Ave</b></p>	<p><b>18. Union Station Driveway/Cesar E. Chavez Ave</b></p>
<p><b>19. Alameda/Los Angeles St</b></p>	<p><b>20. Broadway/Arcadia St</b></p>	<p><b>21. Spring/Arcadia St</b></p>
<p><b>22. Main/Arcadia St</b></p>	<p><b>23. Los Angeles/Arcadia St</b></p>	<p><b>24. Alameda/Arcadia St</b></p>
<p><b>25. Vignes/Ramirez St</b></p>	<p><b>26. Broadway/Aliso</b></p>	<p><b>27. Spring/Aliso</b></p>
<p><b>28. Main/Aliso</b></p>	<p><b>29. Los Angeles/Aliso***</b></p>	<p><b>30. Alameda/Aliso</b></p>

\*Transit only.

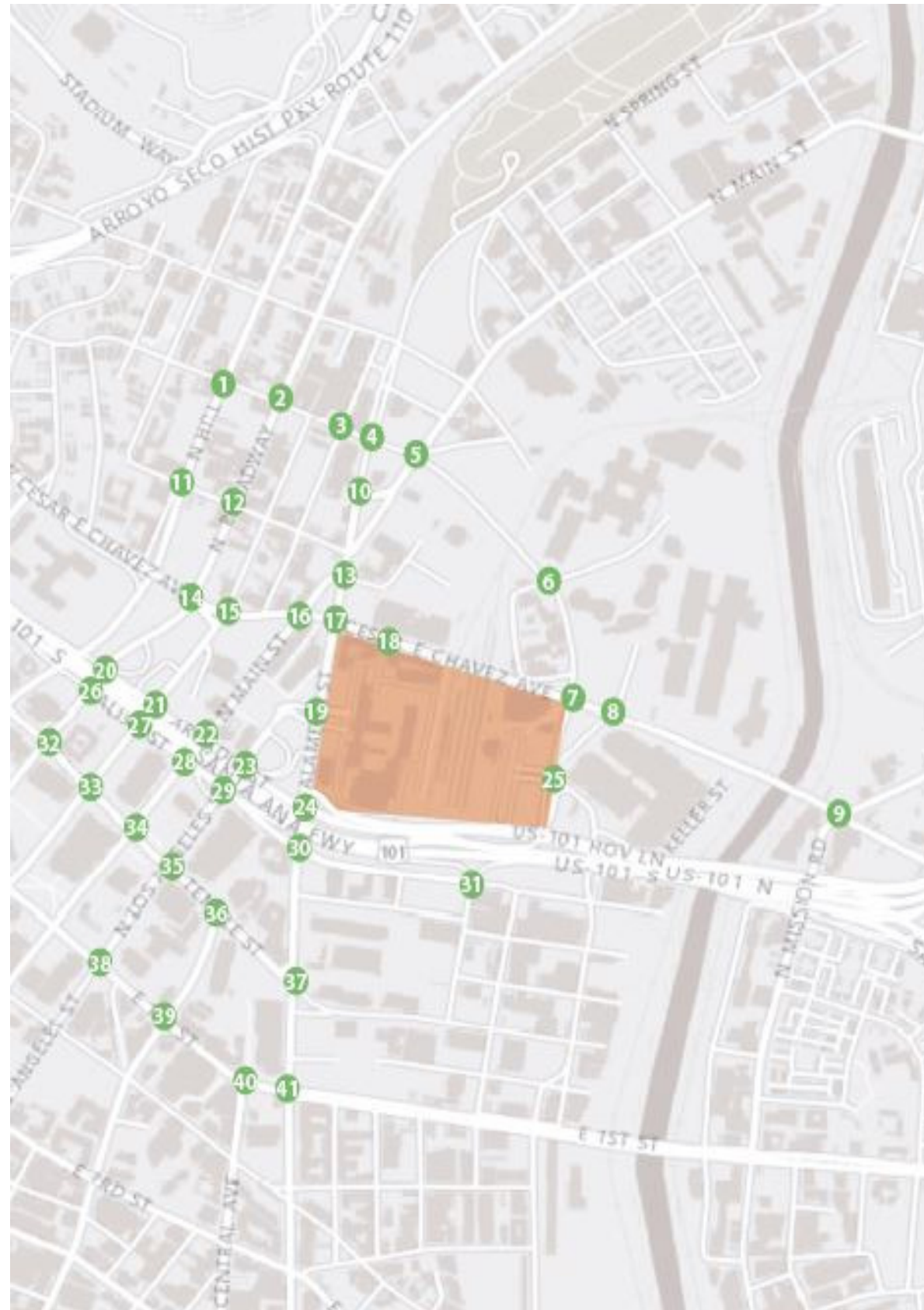
\*\*Through traffic is transit only.

\*\*\*Bold face volumes are entering

freeway.

Peak Hour Traffic Volumes and Lane Configurations - Future Year 2029 + Alternative 2

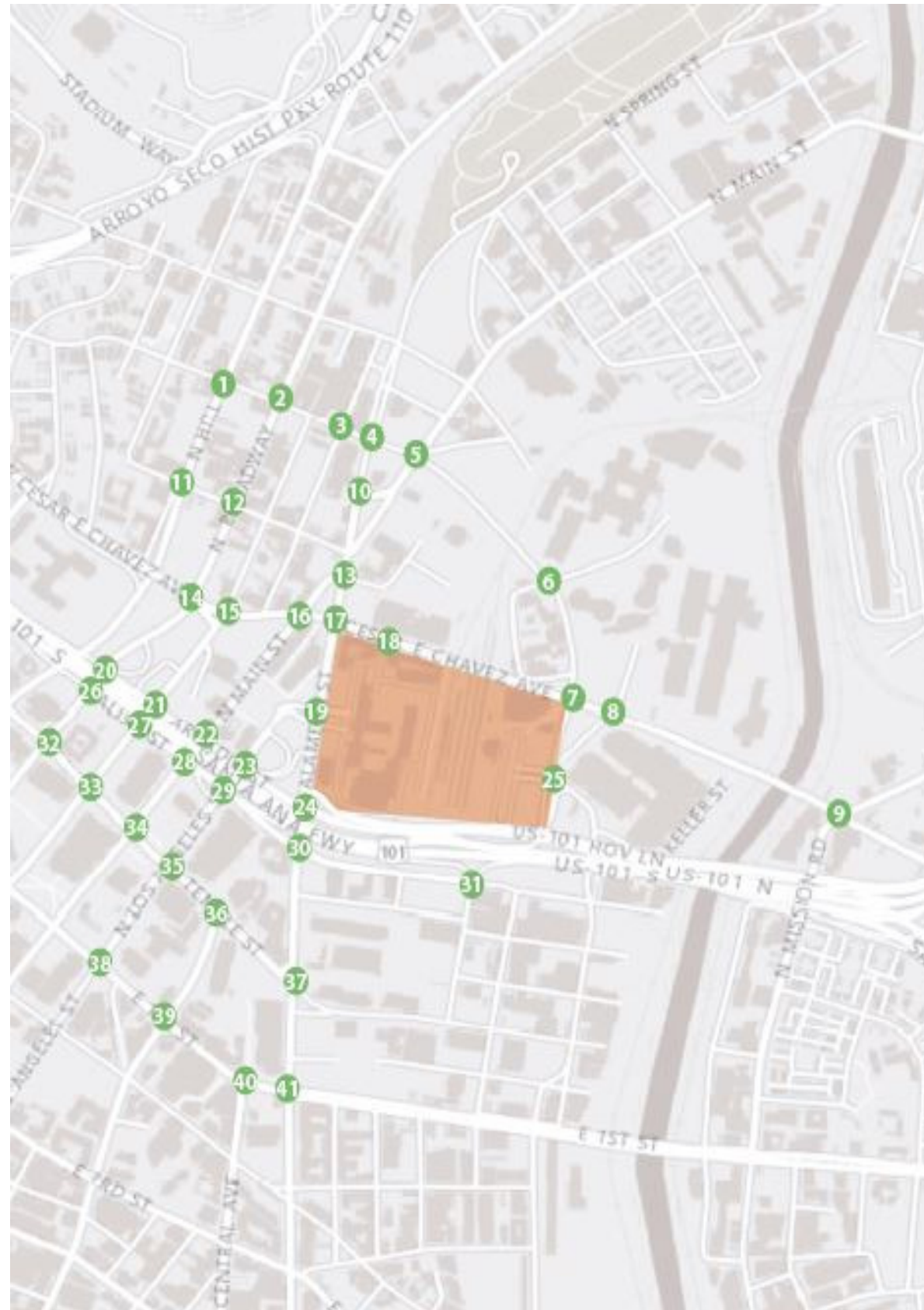




<b>31. US 101 Ramps/Commercial</b> 	<b>32. Broadway/Temple</b> 	<b>33. Spring/Temple</b> 
<b>34. Main/Temple</b> 	<b>35. Los Angeles/Temple</b> 	<b>36. San Pedro/Temple</b> 
<b>37. Alameda/Temple</b> 	<b>38. Los Angeles/1st</b> 	<b>39. San Pedro/1st</b> 
<b>40. Central/1st</b> 	<b>41. Alameda/1st</b> 	

\*Transit only.



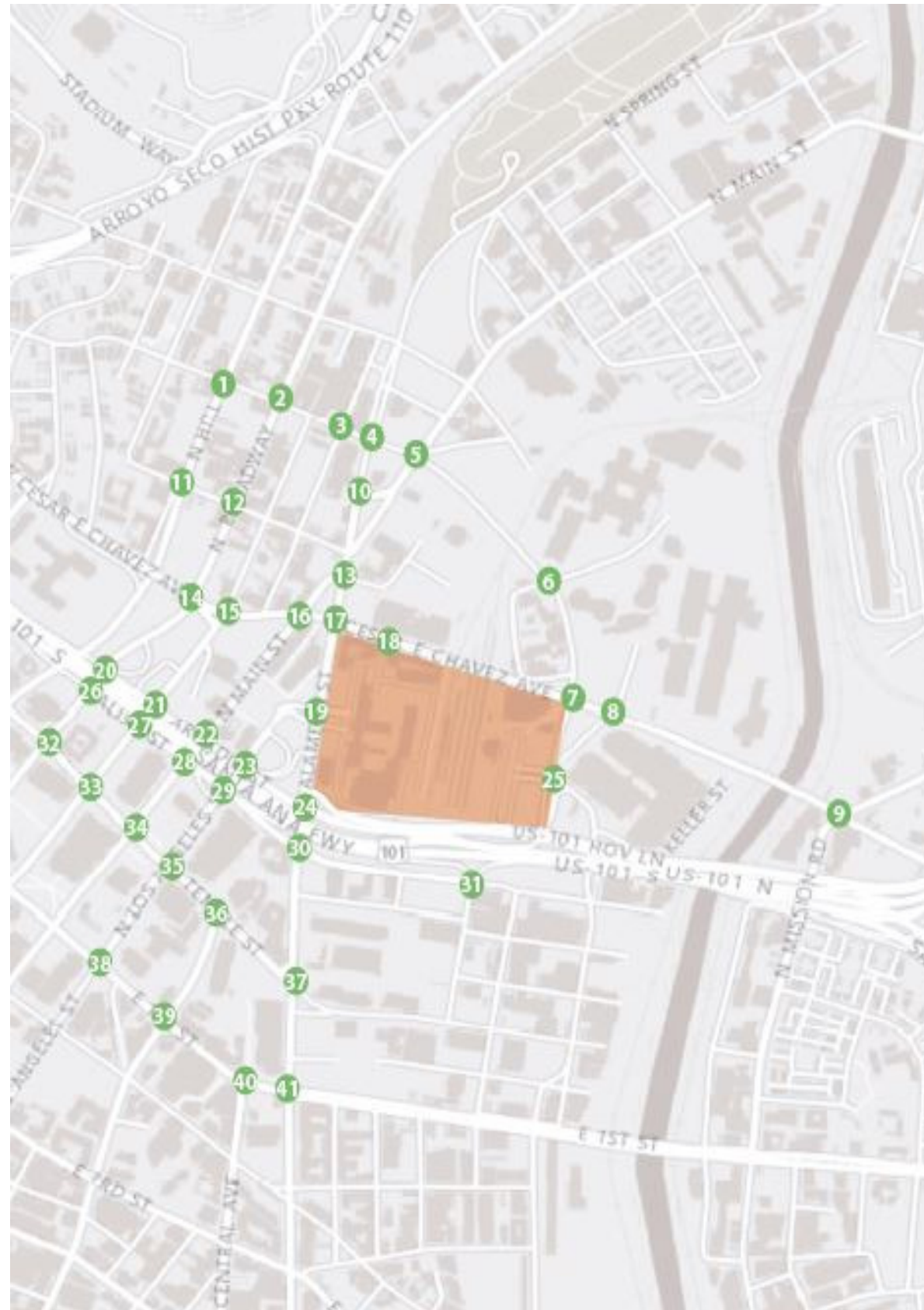


<b>1. Hill Street/Alpine St</b> 	<b>2. Broadway/Alpine St</b> 	<b>3. Spring/Alpine St</b> 
<b>4. Alameda/Alpine St</b> 	<b>5. Main/Alpine St</b> 	<b>6. Vignes/Bauchet</b> 
<b>7. Vignes/Cesar E. Chavez Ave</b> 	<b>8. Lyon/Cesar E. Chavez Ave</b> 	<b>9. Mission/Cesar E. Chavez Ave</b> 
<b>10. Alameda/Alhambra</b> 	<b>11. Hill/Ord</b> 	<b>12. Broadway/Ord</b> 
<b>13. Alameda/Main</b> 	<b>14. Broadway/Cesar E. Chavez Ave</b> 	<b>15. Spring/Cesar E. Chavez Ave</b> 

\*Transit only.

\*\*Through traffic is transit only.





<p><b>16. Main/Cesar E. Chavez Ave</b></p>	<p><b>17. Alameda/Cesar E. Chavez Ave</b></p>	<p><b>18. Union Station Driveway/Cesar E. Chavez Ave</b></p>
<p><b>19. Alameda/Los Angeles St</b></p>	<p><b>20. Broadway/Arcadia St</b></p>	<p><b>21. Spring/Arcadia St</b></p>
<p><b>22. Main/Arcadia St</b></p>	<p><b>23. Los Angeles/Arcadia St</b></p>	<p><b>24. Alameda/Arcadia St</b></p>
<p><b>25. Vignes/Ramirez St</b></p>	<p><b>26. Broadway/Aliso</b></p>	<p><b>27. Spring/Aliso</b></p>
<p><b>28. Main/Aliso</b></p>	<p><b>29. Los Angeles/Aliso***</b></p>	<p><b>30. Alameda/Aliso</b></p>

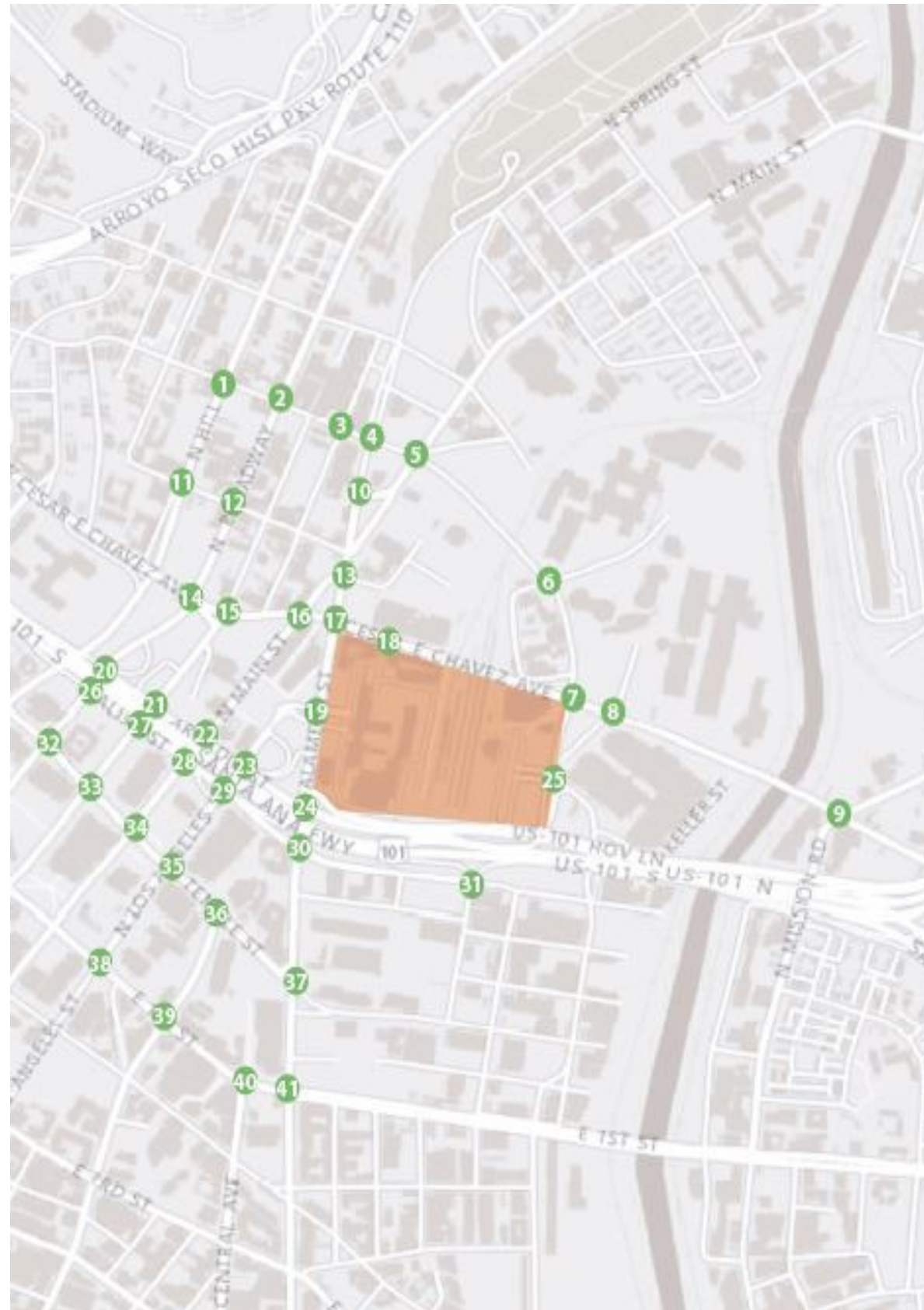
\*Transit only.

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freeway.



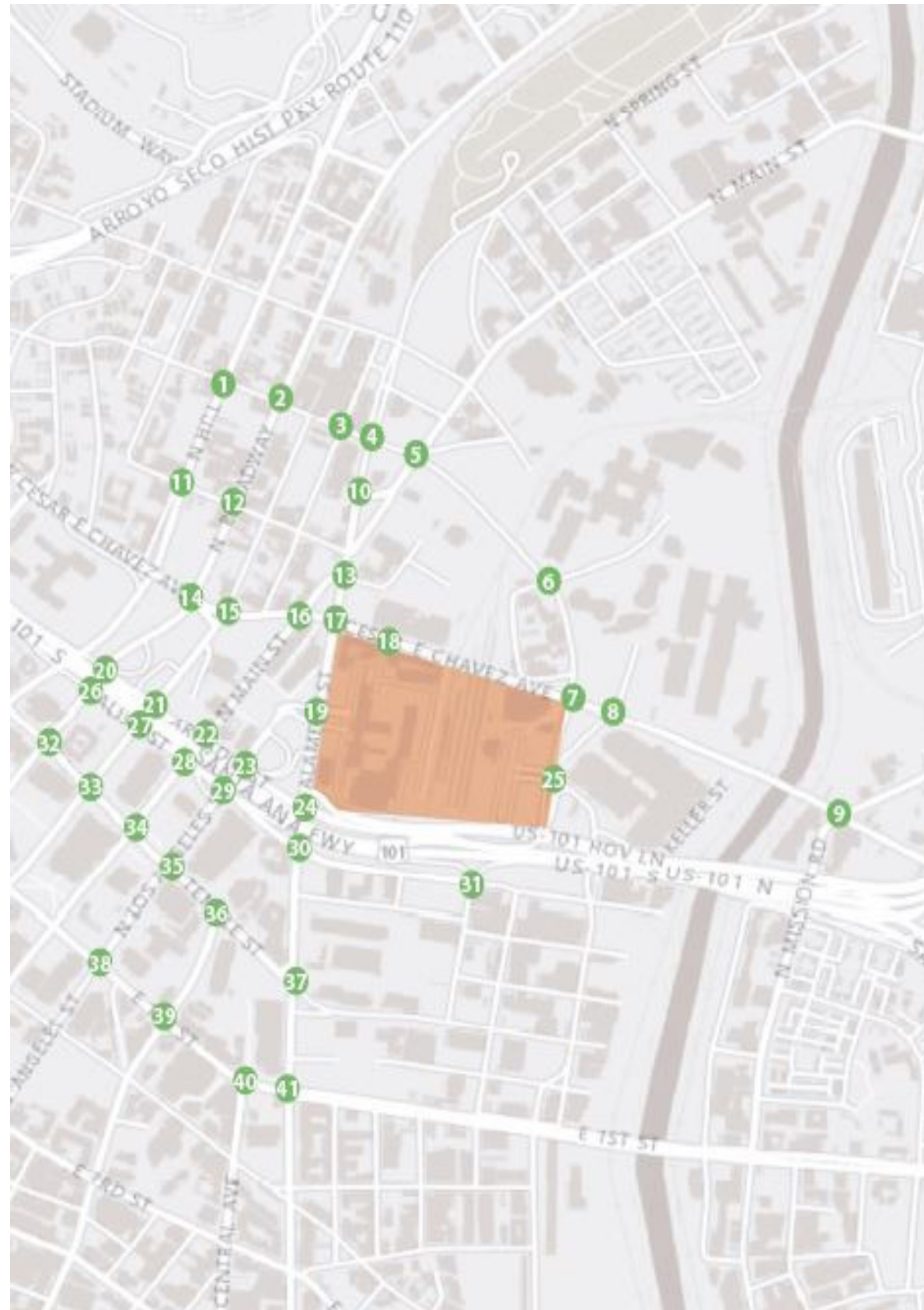


<b>31. US 101 Ramps/Commercial</b> 	<b>32. Broadway/Temple</b> 	<b>33. Spring/Temple</b> 
<b>34. Main/Temple</b> 	<b>35. Los Angeles/Temple</b> 	<b>36. San Pedro/Temple</b> 
<b>37. Alameda/Temple</b> 	<b>38. Los Angeles/1st</b> 	<b>39. San Pedro/1st</b> 
<b>40. Central/1st</b> 	<b>41. Alameda/1st</b> 	

\*Transit only.

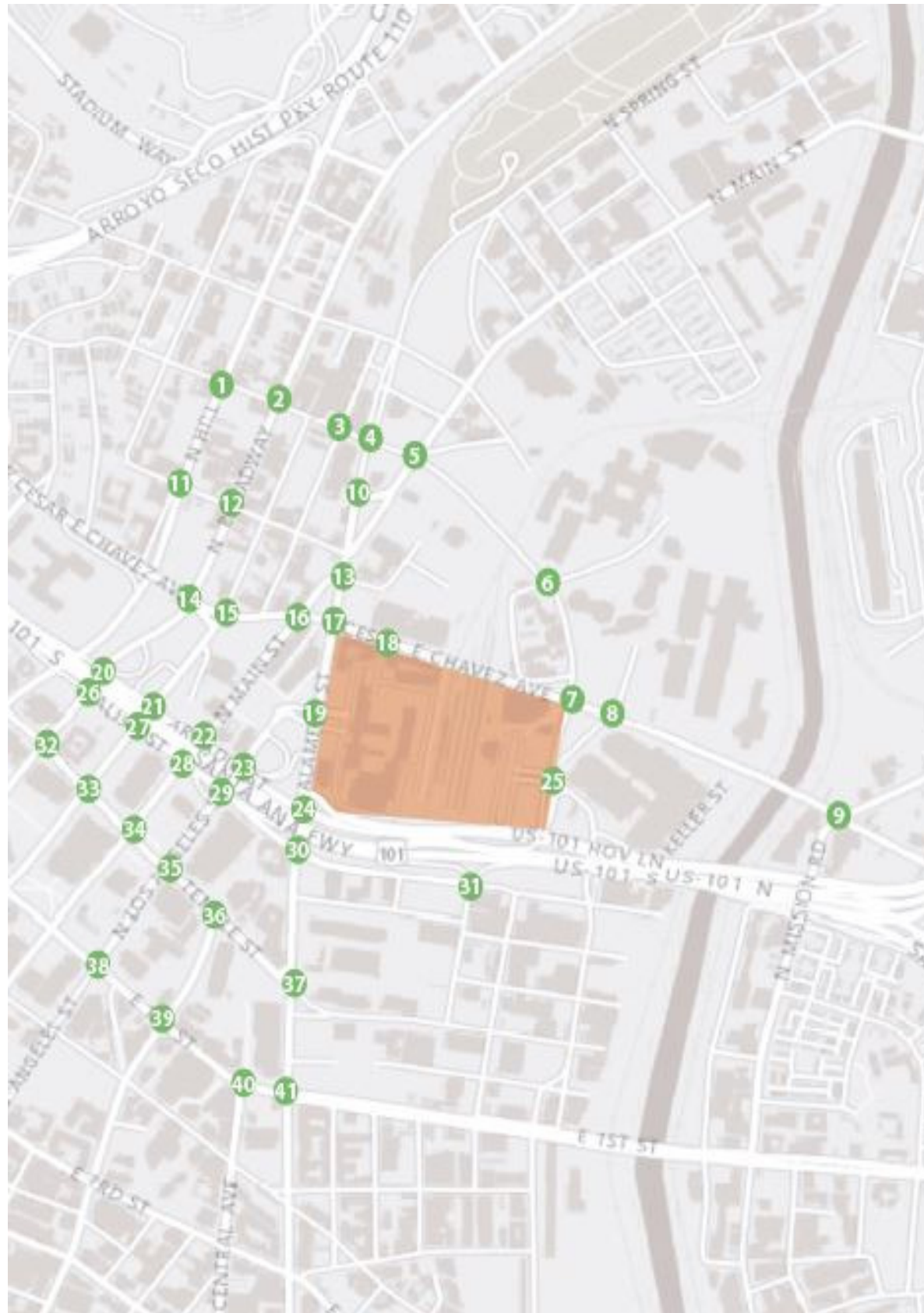






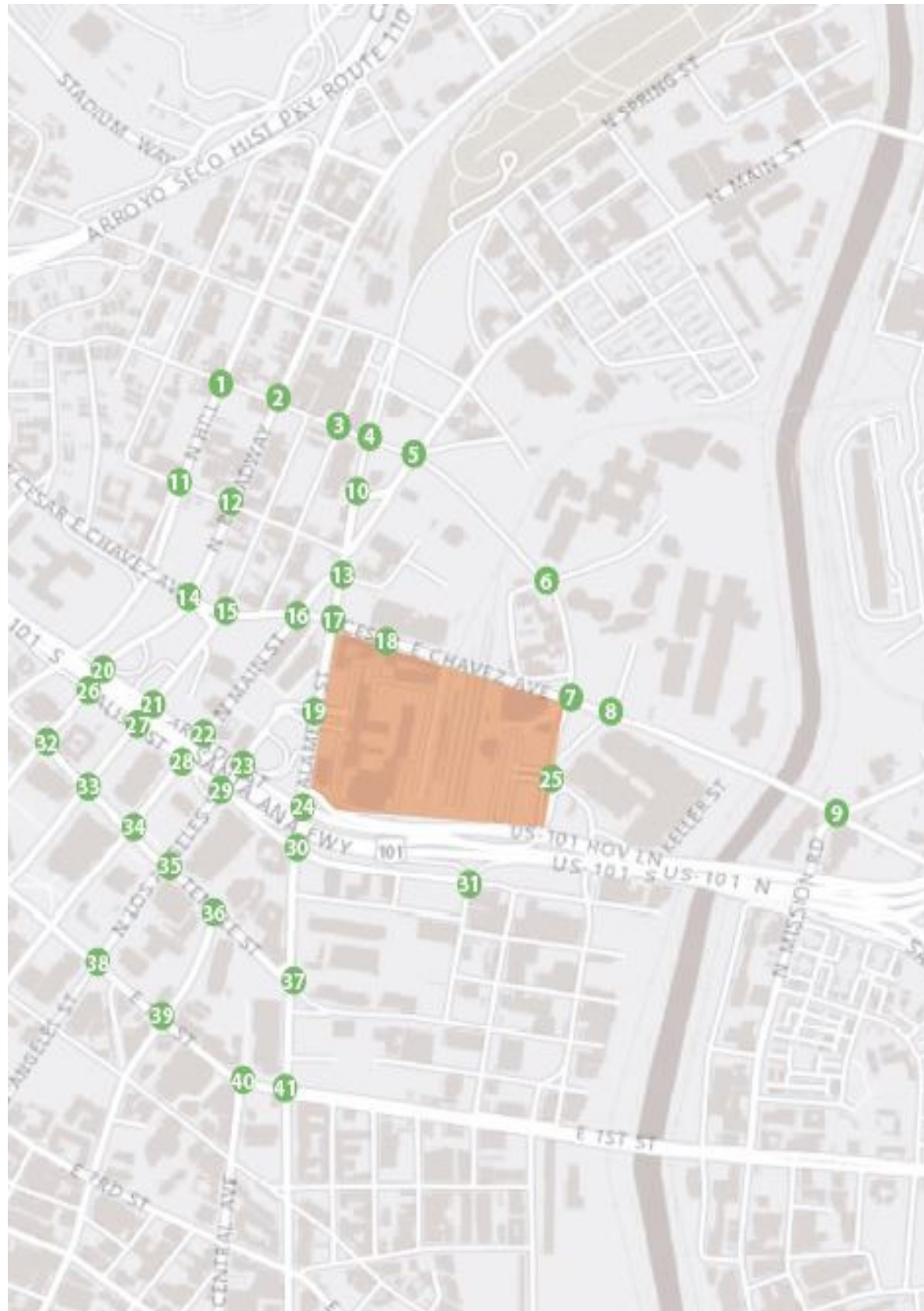
<b>1. Hill Street/Alpine St</b> 	<b>2. Broadway/Alpine St</b> 	<b>3. Spring/Alpine St</b> 
<b>4. Alameda/Alpine St</b> 	<b>5. Main/Alpine St</b> 	<b>6. Vignes/Bauchet</b> 
<b>7. Vignes/Cesar E. Chavez Ave</b> 	<b>8. Lyon/Cesar E. Chavez Ave</b> 	<b>9. Mission/Cesar E. Chavez Ave</b> 
<b>10. Alameda/Alhambra</b> 	<b>11. Hill/Ord</b> 	<b>12. Broadway/Ord</b> 
<b>13. Alameda/Main</b> 	<b>14. Broadway/Cesar E. Chavez Ave</b> 	<b>15. Spring/Cesar E. Chavez Ave</b> 





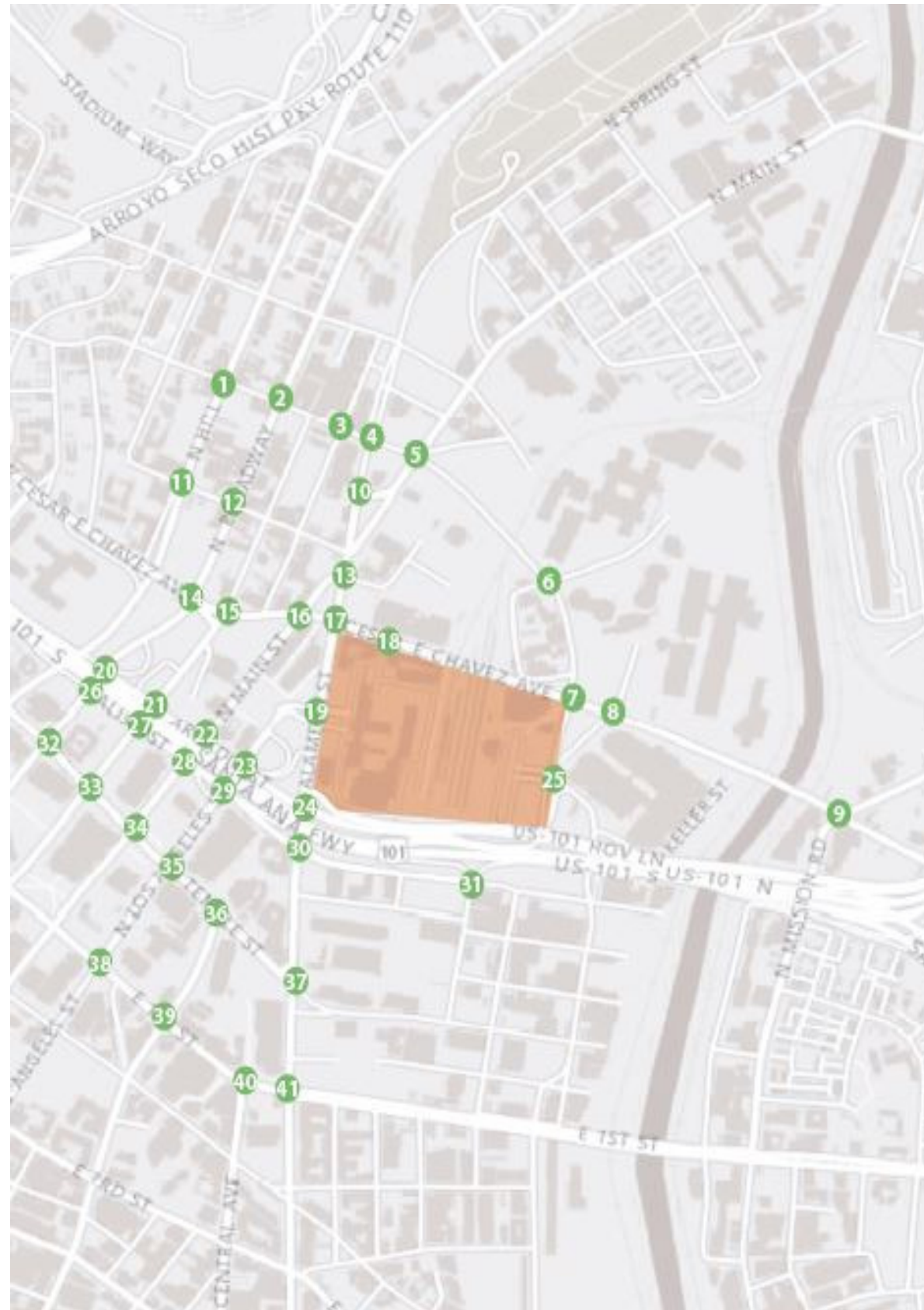
<p><b>16. Main/Cesar E. Chavez Ave</b></p>	<p><b>17. Alameda/Cesar E. Chavez Ave</b></p>	<p><b>18. Union Station Driveway/Cesar E. Chavez Ave</b></p>
<p><b>19. Alameda/Los Angeles St</b></p>	<p><b>20. Broadway/Arcadia St</b></p>	<p><b>21. Spring/Arcadia St</b></p>
<p><b>22. Main/Arcadia St</b></p>	<p><b>23. Los Angeles/Arcadia St</b></p>	<p><b>24. Alameda/Arcadia St</b></p>
<p><b>25. Vignes/Ramirez St</b></p>	<p><b>26. Broadway/Aliso</b></p>	<p><b>27. Spring/Aliso</b></p>
<p><b>28. Main/Aliso</b></p>	<p><b>29. Los Angeles/Aliso</b></p>	<p><b>30. Alameda/Aliso</b></p>





<b>31. US 101 Ramps/Commercial</b> 	<b>32. Broadway/Temple</b> 	<b>33. Spring/Temple</b> 
<b>34. Main/Temple</b> 	<b>35. Los Angeles/Temple</b> 	<b>36. San Pedro/Temple</b> 
<b>37. Alameda/Temple</b> 	<b>38. Los Angeles/1st</b> 	<b>39. San Pedro/1st</b> 
<b>40. Central/1st</b> 	<b>41. Alameda/1st</b> 	

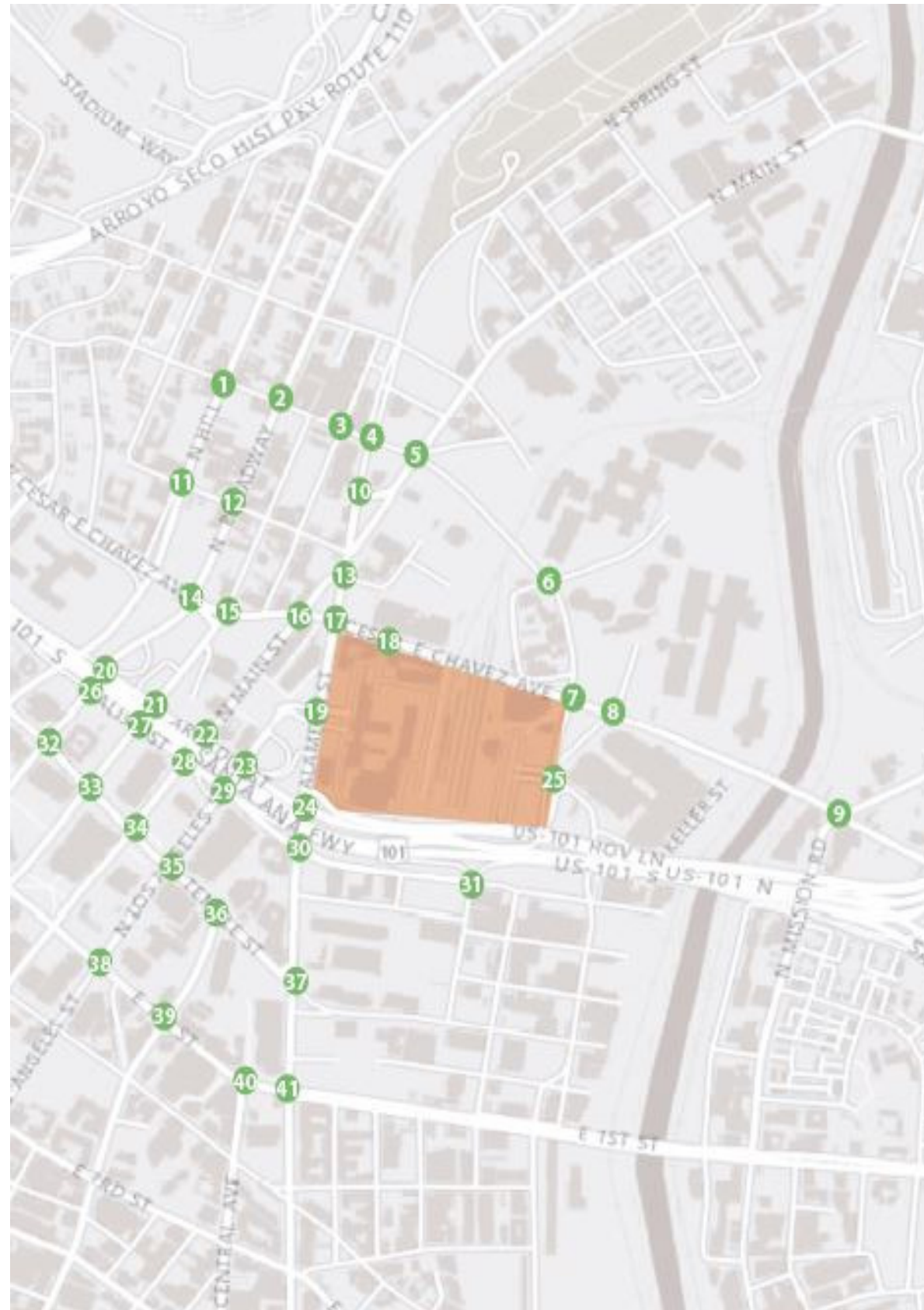




<b>1. Hill Street/Alpine St</b> 	<b>2. Broadway/Alpine St</b> 	<b>3. Spring/Alpine St</b> 
<b>4. Alameda/Alpine St</b> 	<b>5. Main/Alpine St</b> 	<b>6. Vignes/Bauchet</b> 
<b>7. Vignes/Cesar E. Chavez Ave</b> 	<b>8. Lyon/Cesar E. Chavez Ave</b> 	<b>9. Mission/Cesar E. Chavez Ave</b> 
<b>10. Alameda/Alhambra</b> 	<b>11. Hill/Ord</b> 	<b>12. Broadway/Ord</b> 
<b>13. Alameda/Main</b> 	<b>14. Broadway/Cesar E. Chavez Ave</b> 	<b>15. Spring/Cesar E. Chavez Ave</b> 

Alternative 3 Volume Shifts



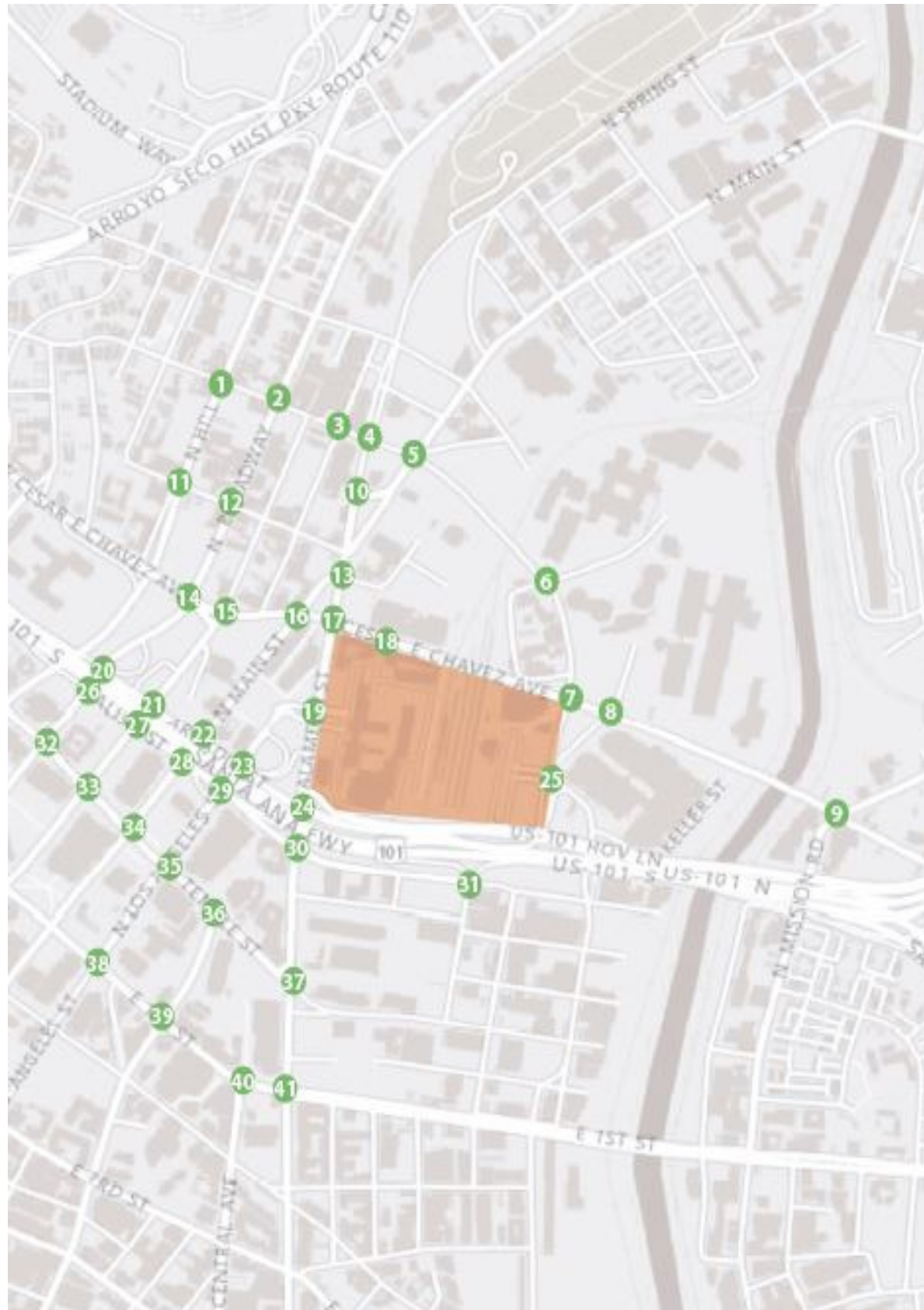


<p><b>16. Main/Cesar E. Chavez Ave</b></p>	<p><b>17. Alameda/Cesar E. Chavez Ave</b></p>	<p><b>18. Union Station Driveway/Cesar E. Chavez Ave</b></p>
<p><b>19. Alameda/Los Angeles St</b></p>	<p><b>20. Broadway/Arcadia St</b></p>	<p><b>21. Spring/Arcadia St</b></p>
<p><b>22. Main/Arcadia St</b></p>	<p><b>23. Los Angeles/Arcadia St</b></p>	<p><b>24. Alameda/Arcadia St</b></p>
<p><b>25. Vignes/Ramirez St</b></p>	<p><b>26. Broadway/Aliso</b></p>	<p><b>27. Spring/Aliso</b></p>
<p><b>28. Main/Aliso</b></p>	<p><b>29. Los Angeles/Aliso</b></p>	<p><b>30. Alameda/Aliso</b></p>

\*Volume entering Freeway

Alternative 3 Volume Shifts

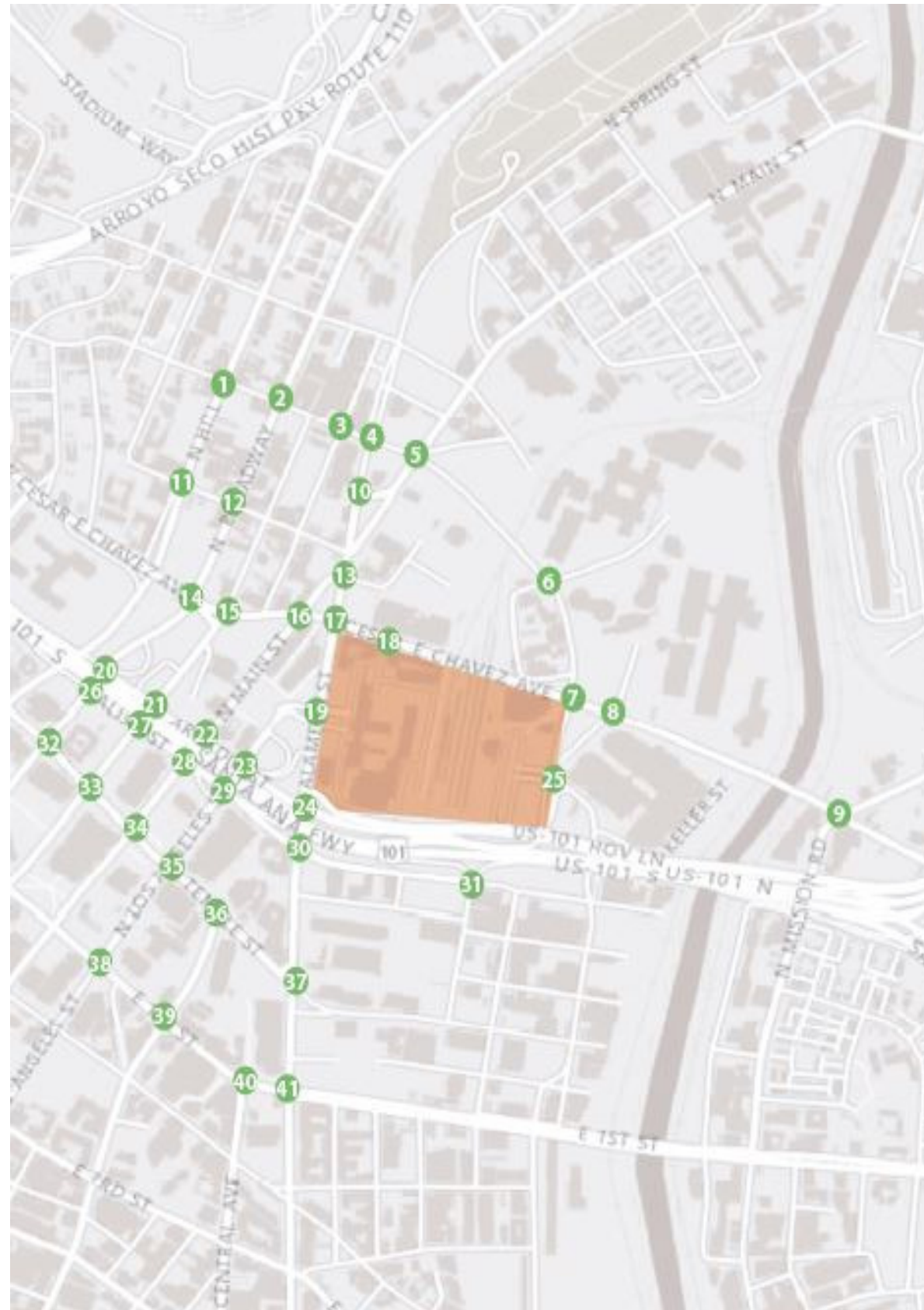




<p><b>31. US 101 Ramps/Commercial</b></p>	<p><b>32. Broadway/Temple</b></p>	<p><b>33. Spring/Temple</b></p>
<p><b>34. Main/Temple</b></p>	<p><b>35. Los Angeles/Temple</b></p>	<p><b>36. San Pedro/Temple</b></p>
<p><b>37. Alameda/Temple</b></p>	<p><b>38. Los Angeles/1st</b></p>	<p><b>39. San Pedro/1st</b></p>
<p><b>40. Central/1st</b></p>	<p><b>41. Alameda/1st</b></p>	



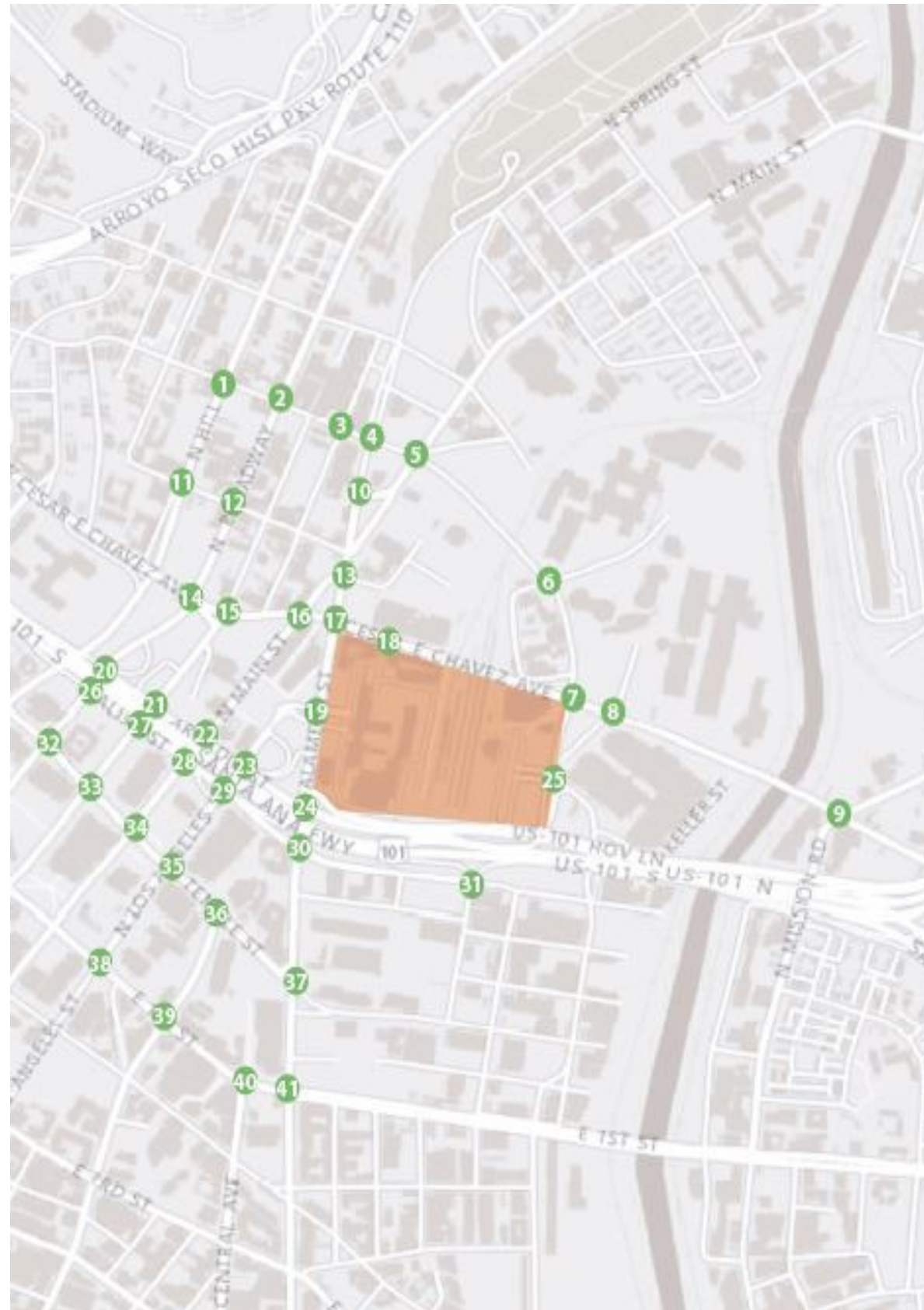
Alternative 3 Volume Shifts



<b>1. Hill Street/Alpine St</b> 	<b>2. Broadway/Alpine St</b> 	<b>3. Spring/Alpine St</b> 
<b>4. Alameda/Alpine St</b> 	<b>5. Main/Alpine St</b> 	<b>6. Vignes/Bauchet</b> 
<b>7. Vignes/Cesar E. Chavez Ave</b> 	<b>8. Lyon/Cesar E. Chavez Ave</b> 	<b>9. Mission/Cesar E. Chavez Ave</b> 
<b>10. Alameda/Alhambra</b> 	<b>11. Hill/Ord</b> 	<b>12. Broadway/Ord</b> 
<b>13. Alameda/Main</b> 	<b>14. Broadway/Cesar E. Chavez Ave</b> 	<b>15. Spring/Cesar E. Chavez Ave</b> 

Alternative 2 Volume Shifts As Compared to Alternative 3



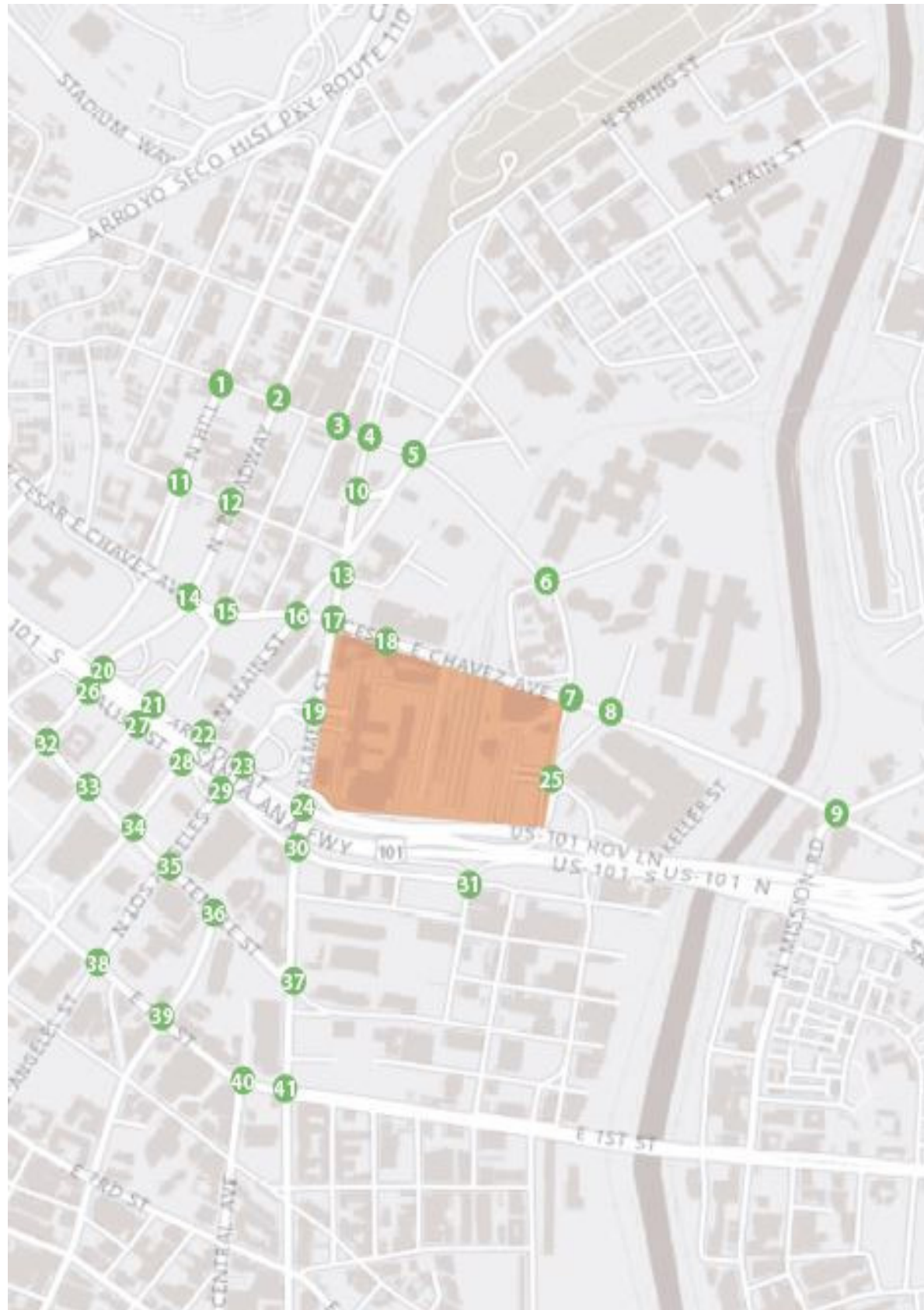


<p>16. Main/Cesar E. Chavez Ave</p>	<p>17. Alameda/Cesar E. Chavez Ave</p>	<p>18. Union Station Driveway/Cesar E. Chavez Ave</p>
<p>19. Alameda/Los Angeles St</p>	<p>20. Broadway/Arcadia St</p>	<p>21. Spring/Arcadia St</p>
<p>22. Main/Arcadia St</p>	<p>23. Los Angeles/Arcadia St</p>	<p>24. Alameda/Arcadia St</p>
<p>25. Vignes/Ramirez St</p>	<p>26. Broadway/Aliso</p>	<p>27. Spring/Aliso</p>
<p>28. Main/Aliso</p>	<p>29. Los Angeles/Aliso</p>	<p>30. Alameda/Aliso</p>

Alternative 2 Volume Shifts As Compared to Alternative 3







<p><b>31. US 101 Ramps/Commercial</b></p>	<p><b>32. Broadway/Temple</b></p>	<p><b>33. Spring/Temple</b></p>
<p><b>34. Main/Temple</b></p>	<p><b>35. Los Angeles/Temple</b></p>	<p><b>36. San Pedro/Temple</b></p>
<p><b>37. Alameda/Temple</b></p>	<p><b>38. Los Angeles/1st</b></p>	<p><b>39. San Pedro/1st</b></p>
<p><b>40. Central/1st</b></p>	<p><b>41. Alameda/1st</b></p>	<p></p>
<p></p>	<p></p>	<p></p>

Alternative 2 Volume Shifts As Compared to Alternative 3

