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ASHFIELD LOCAL PLAN ASSESSMENT

FIGURES DOCUMENT



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1. INTRODUCTION

- Figure 1. EMGM Model Extent
- Figure 2. Ashfield Local Plan Area of Influence
- Figure 3. Ashfield Local Plan Developments

Figure 1. EMGM Area

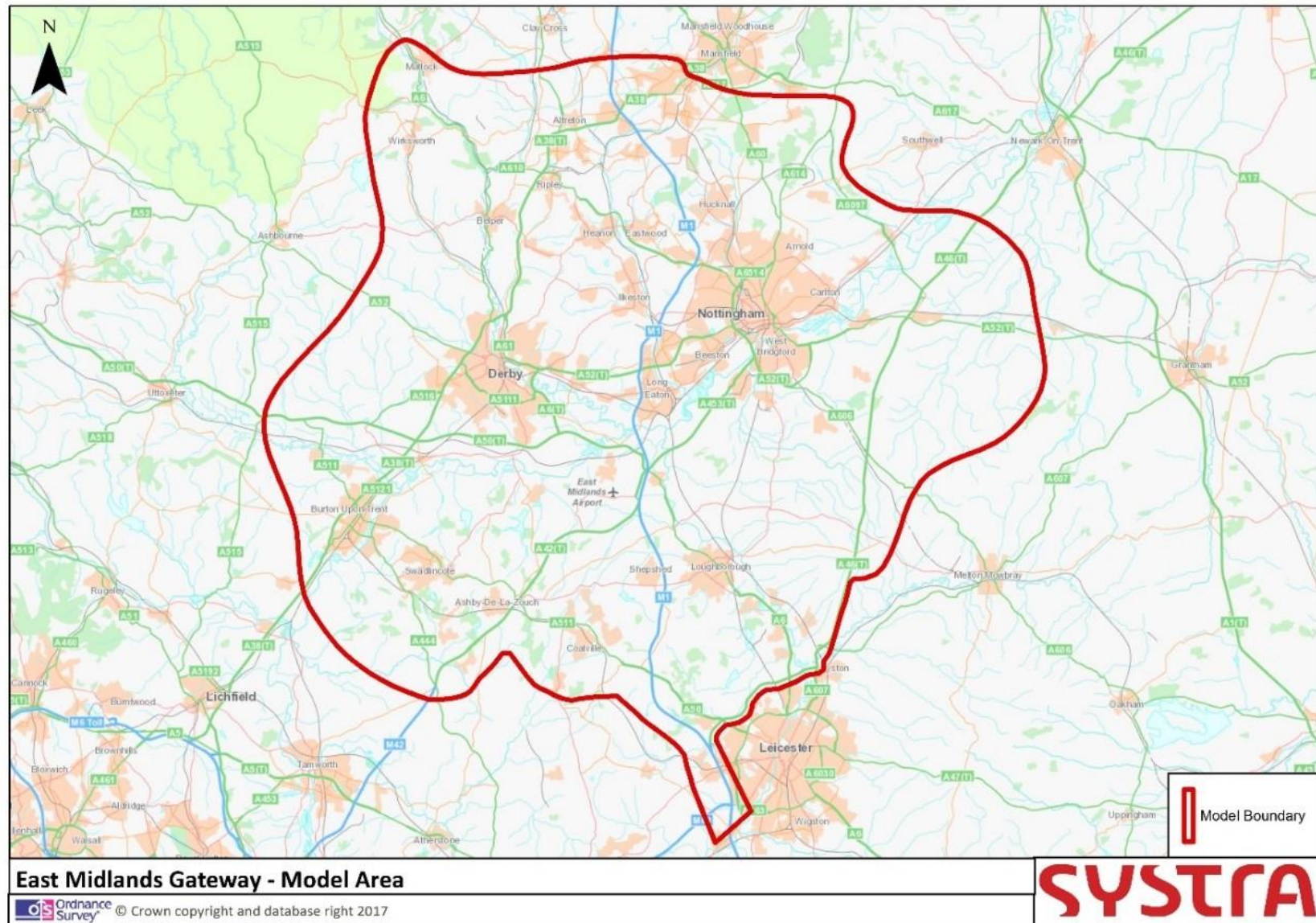


Figure 2. Ashfield Local Plan Area of Influence

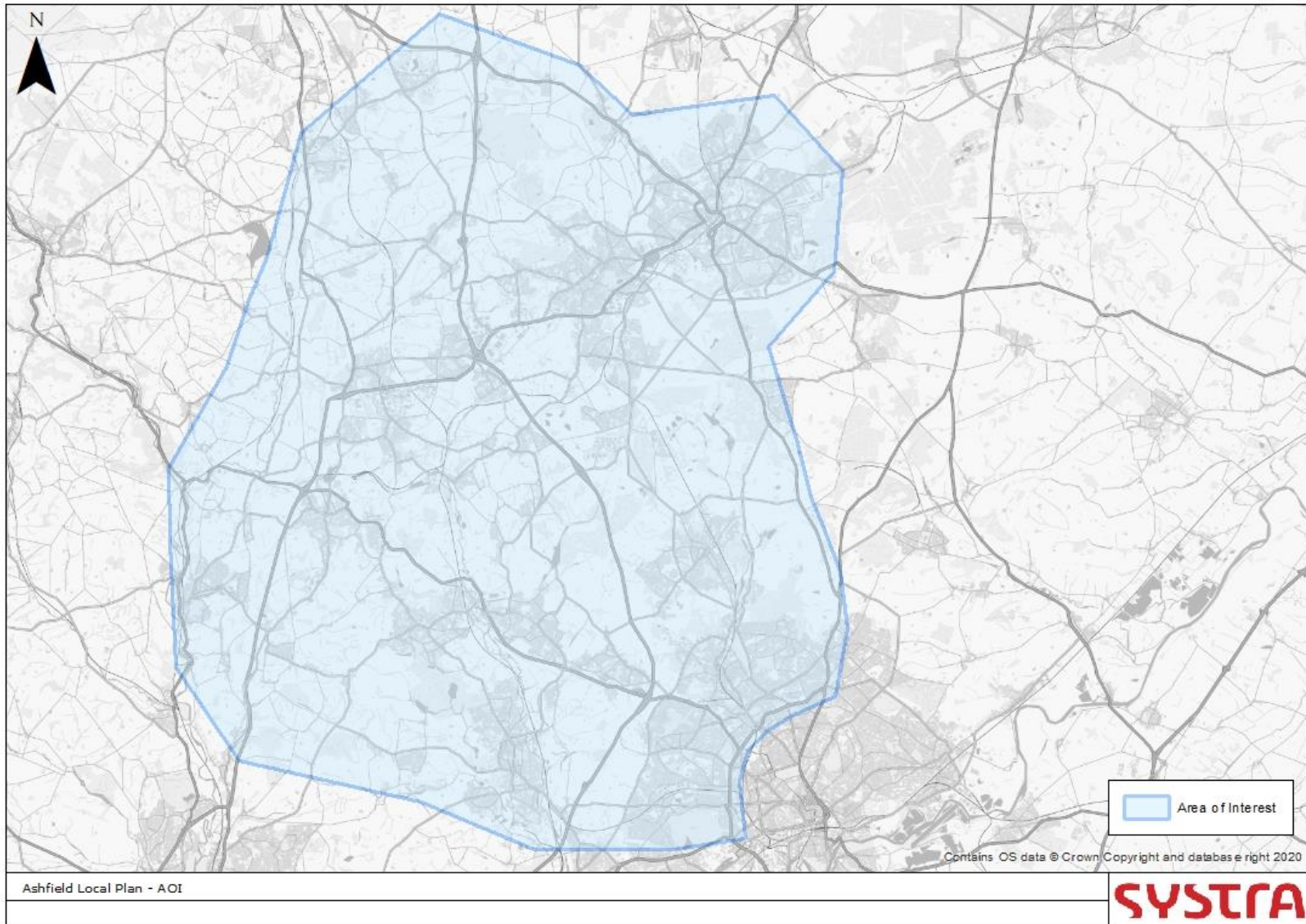
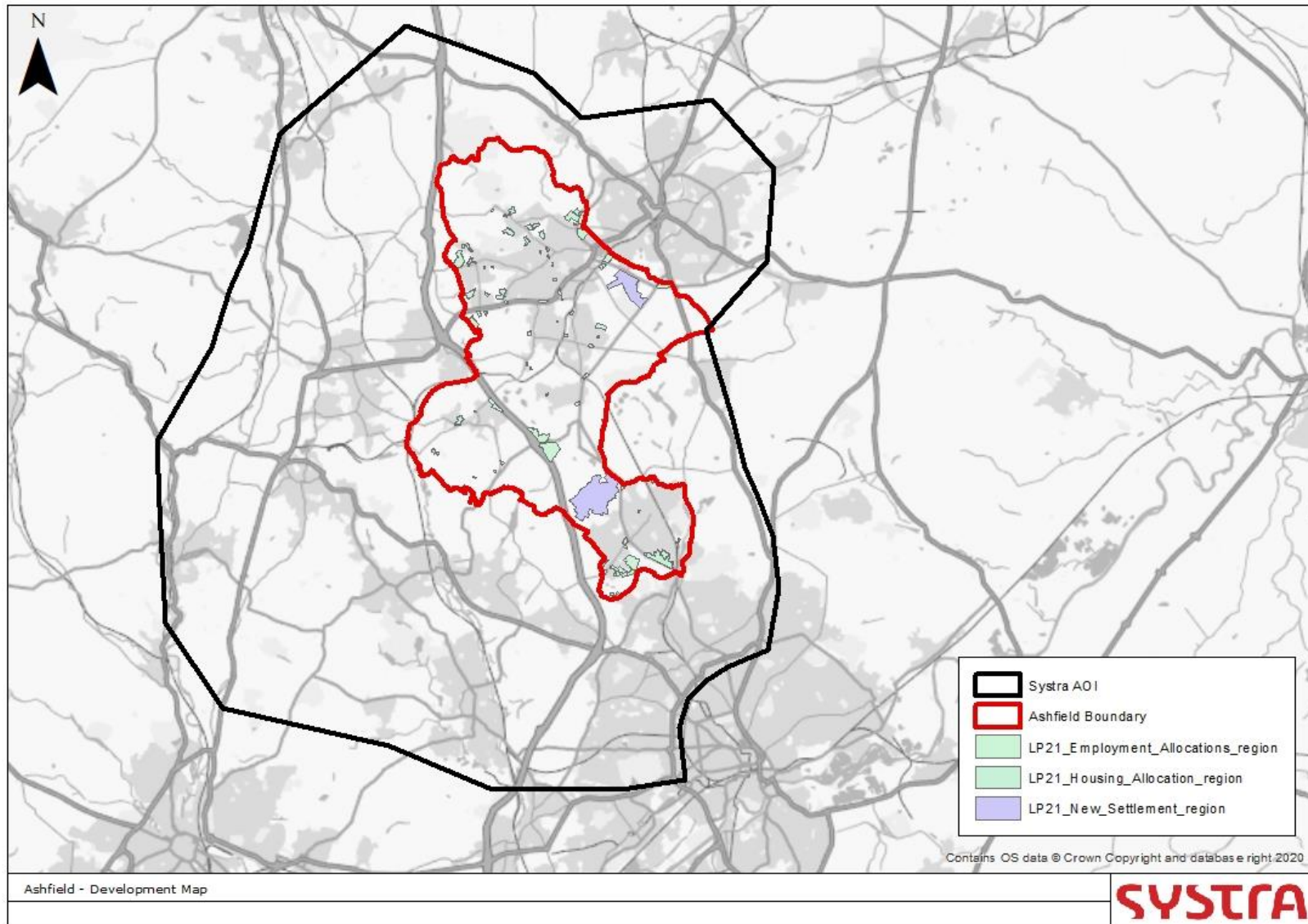


Figure 3. Ashfield Local Plan Developments



2. REFERENCE CASE DEVELOPMENT (YAH)

- Figure 4. 2040 Reference Total Congestion AM
- Figure 5. 2040 Reference Total Congestion PM

Figure 4. 2040 Ref Total Congestion AM

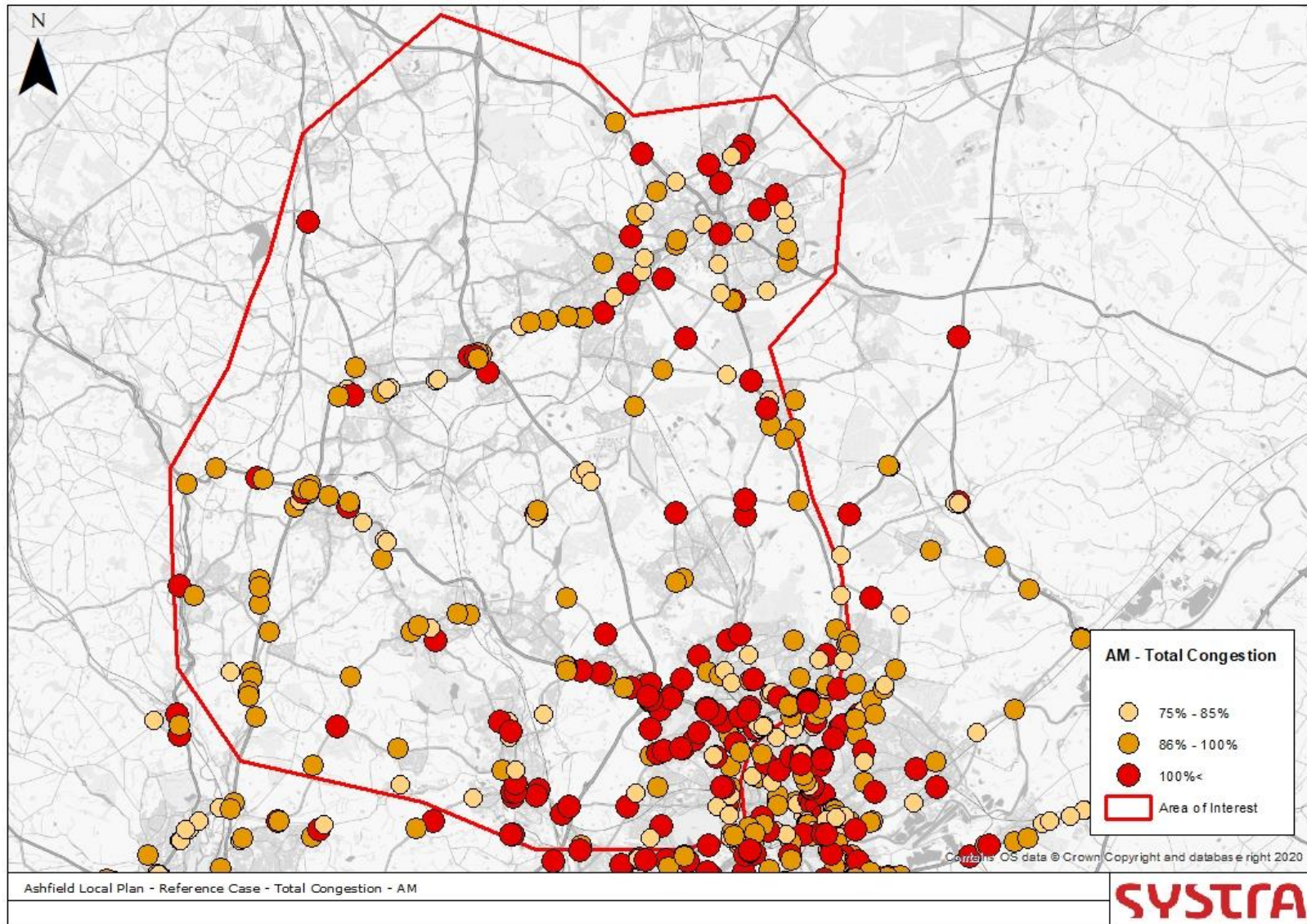
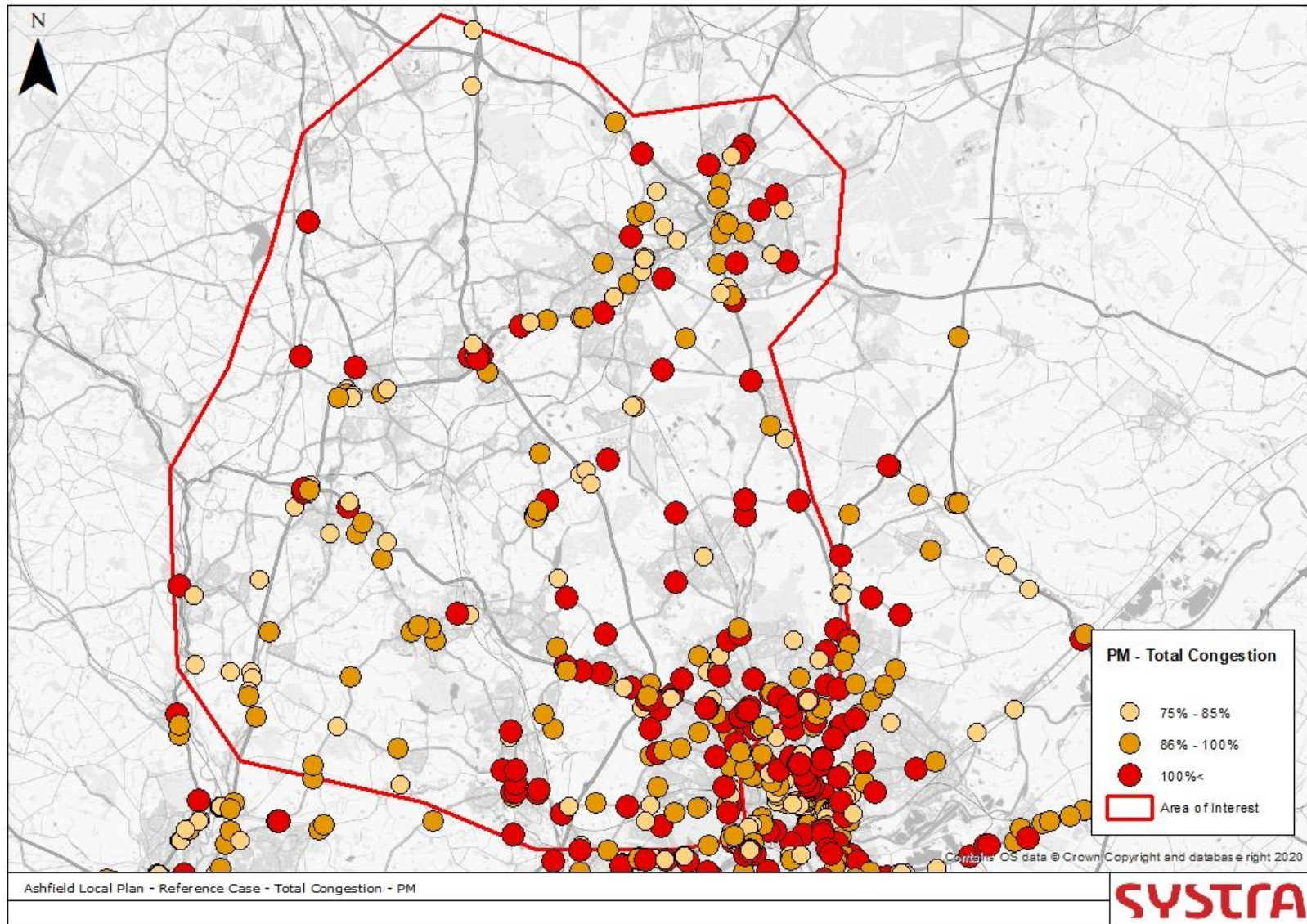


Figure 5. 2040 Ref Total Congestion PM



3. ASHFIELD LOCAL PLAN DEVELOPMENT PLOTS

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Figure 6. Scenario 1 Trip Distribution 2040 AM

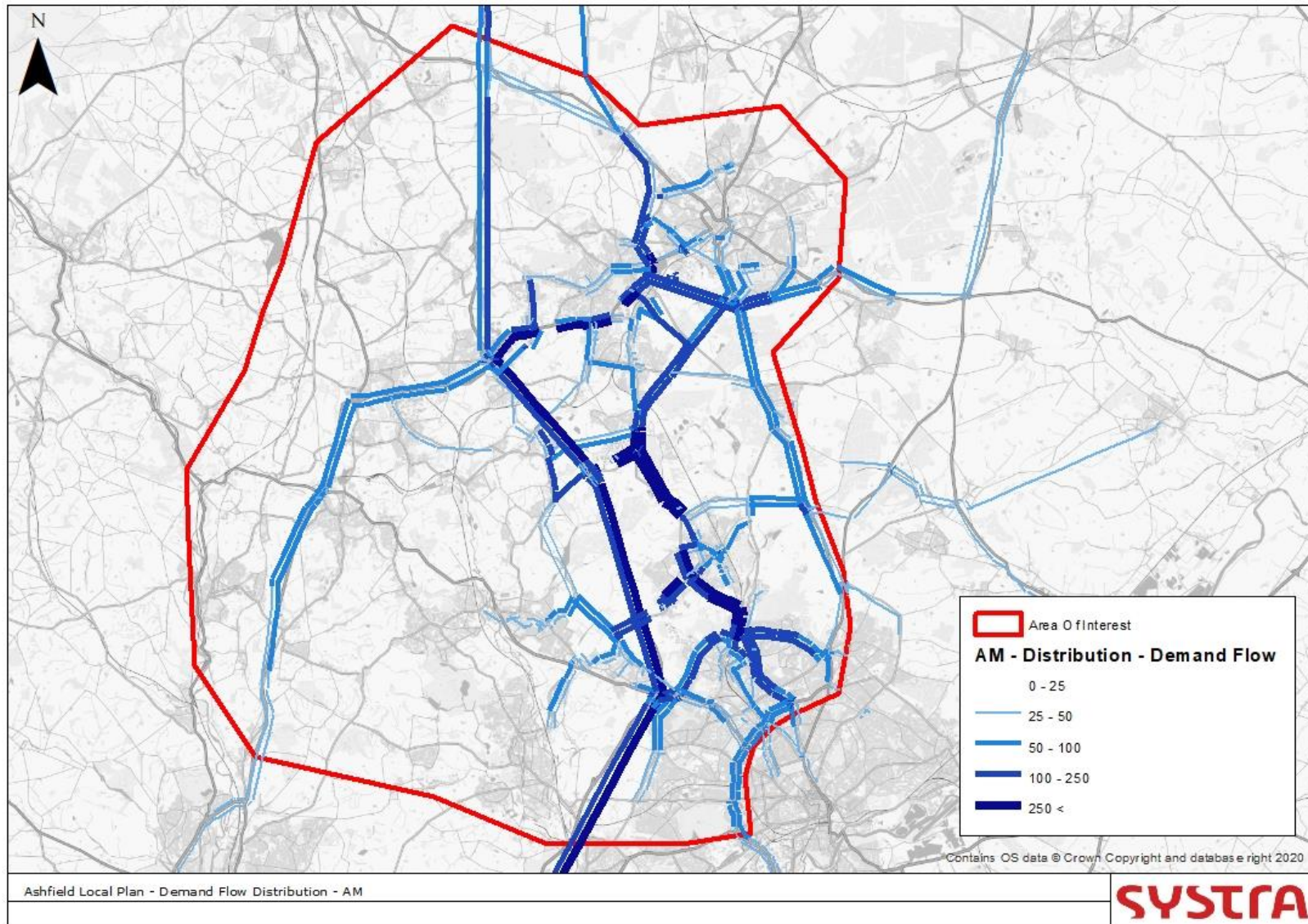


Figure 7. Scenario 1 Trip Distribution 2040 PM

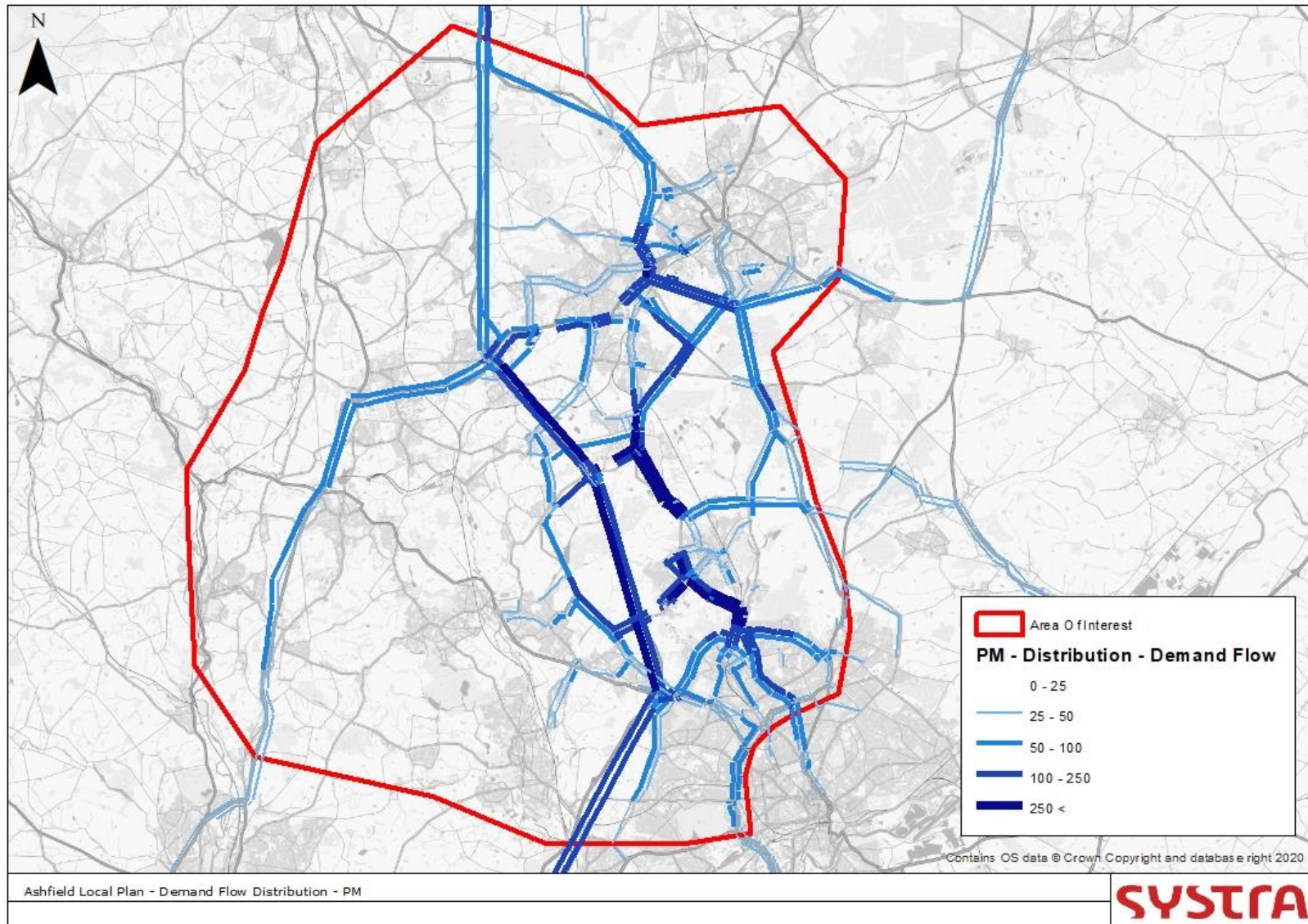


Figure 8. Reassignment Impact 2040 AM

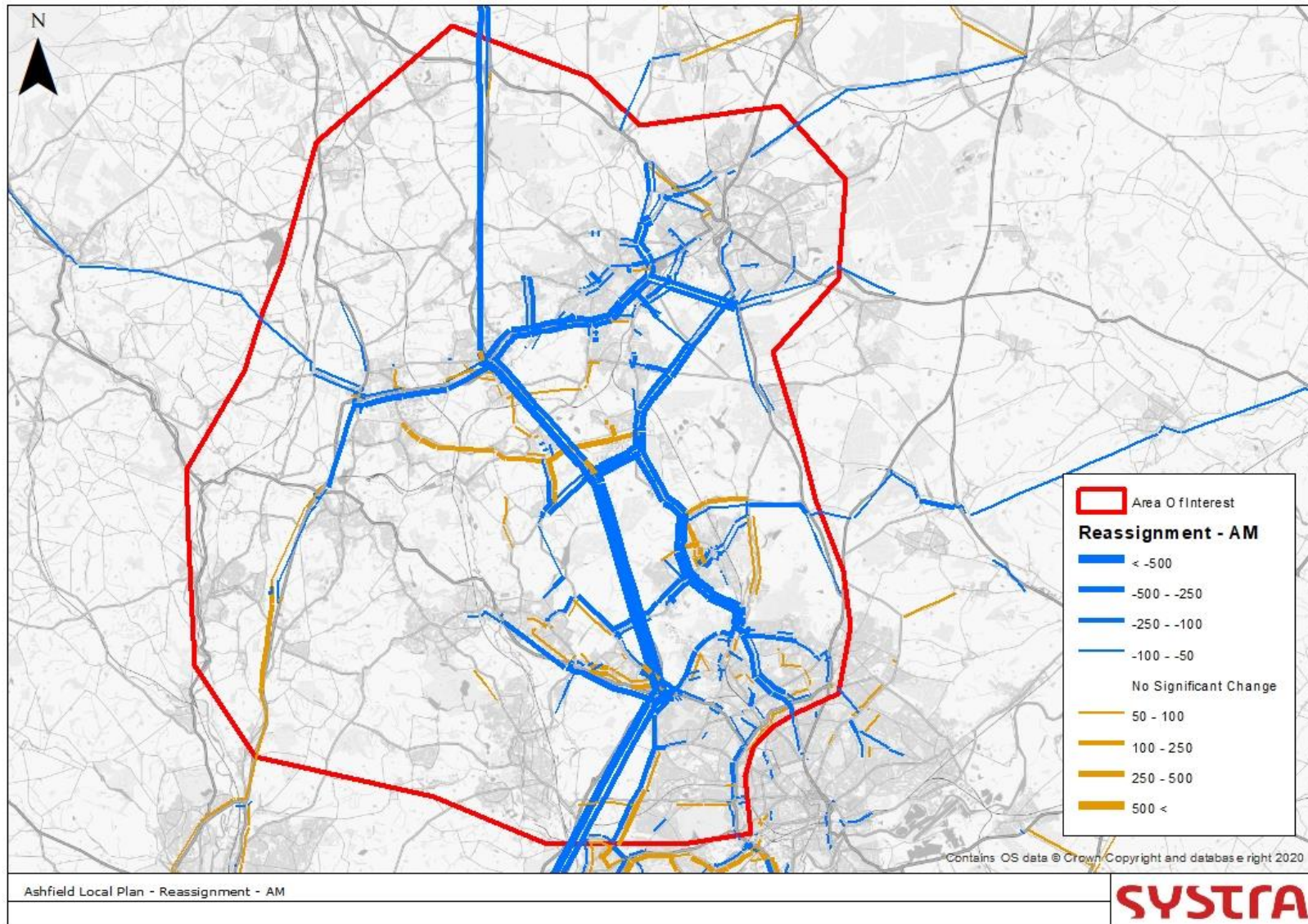


Figure 9. Reassignment Impact 2040 PM

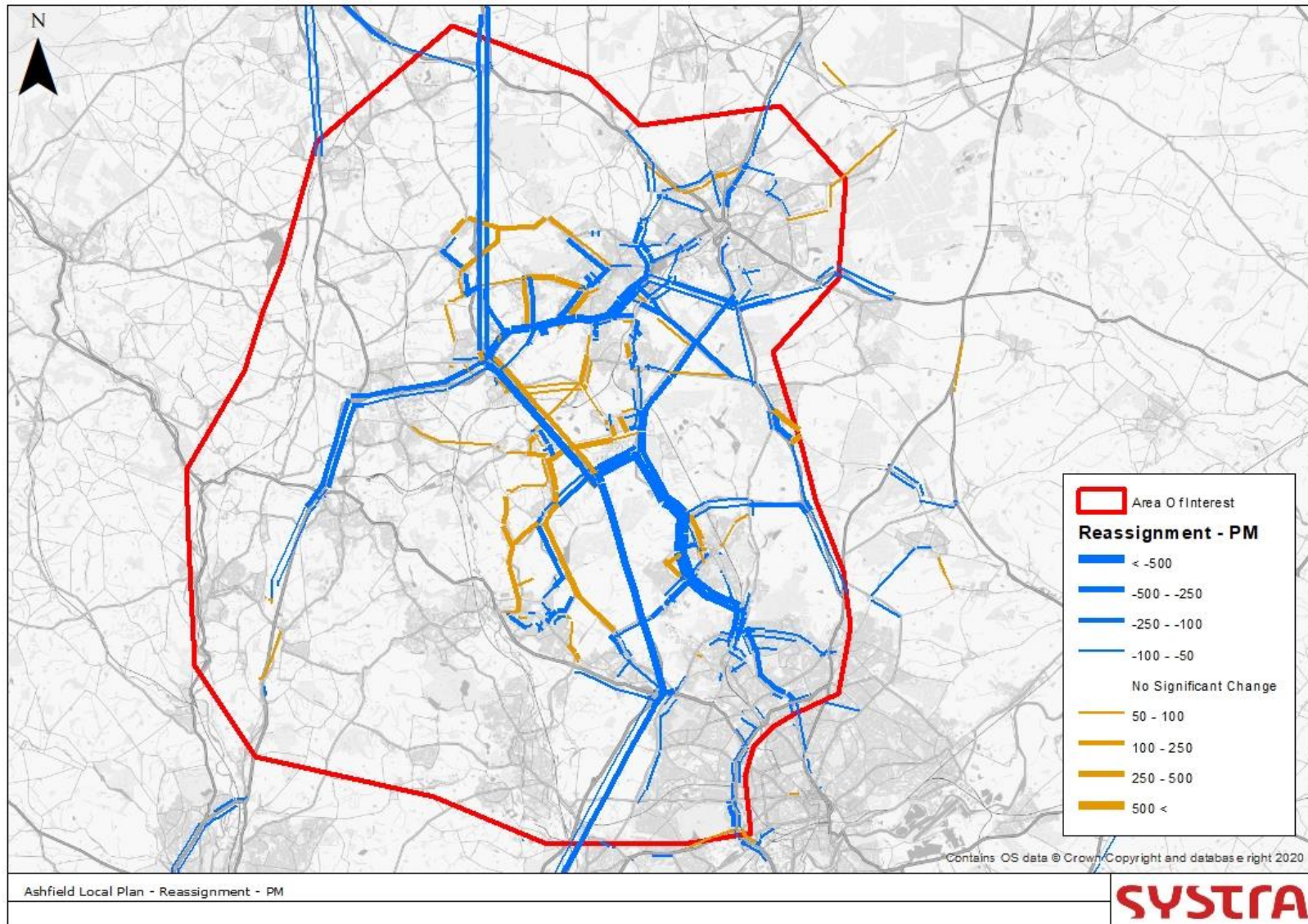


Figure 10. Flow Change 2040 AM

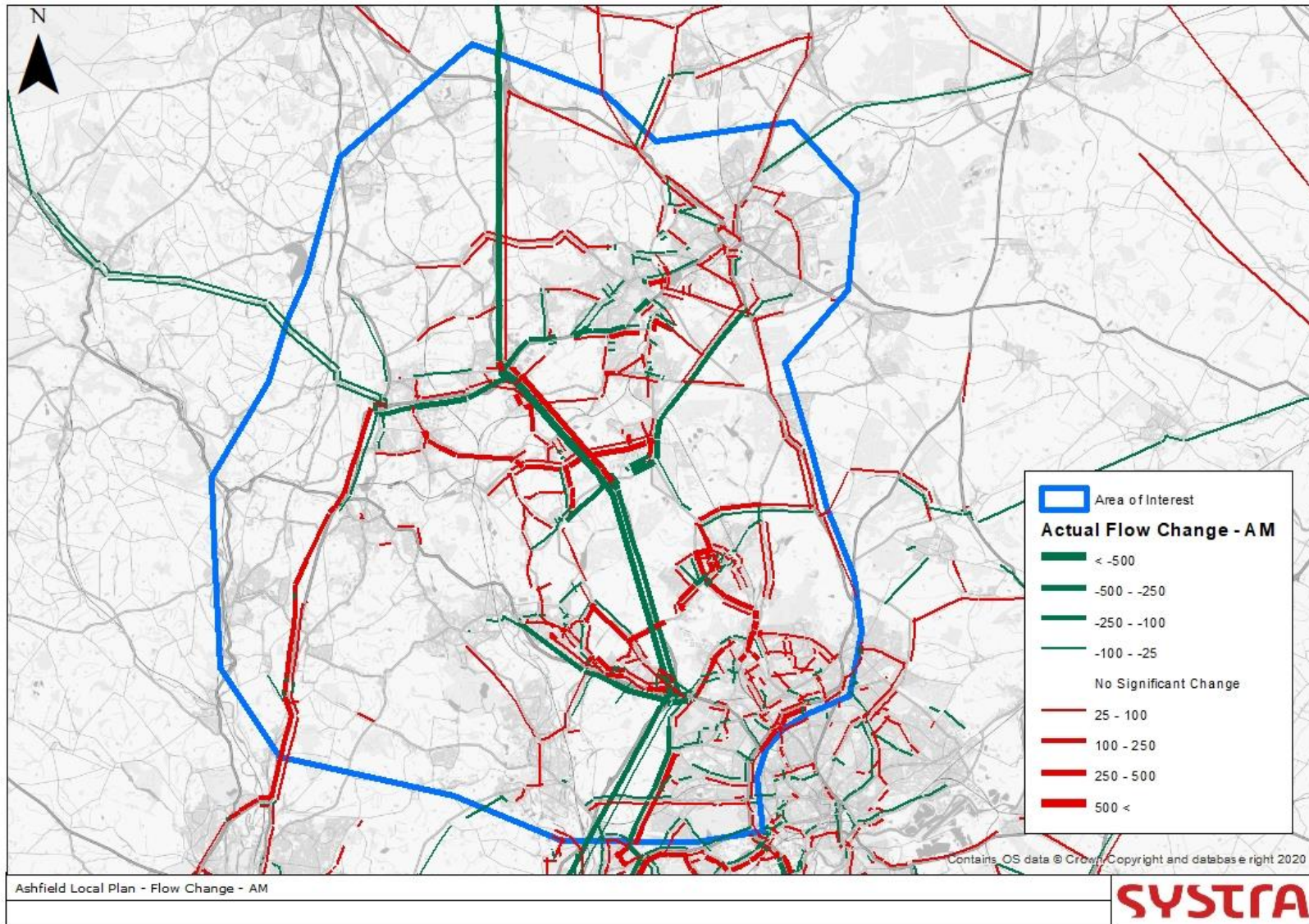


Figure 11. Flow Change 2040 PM

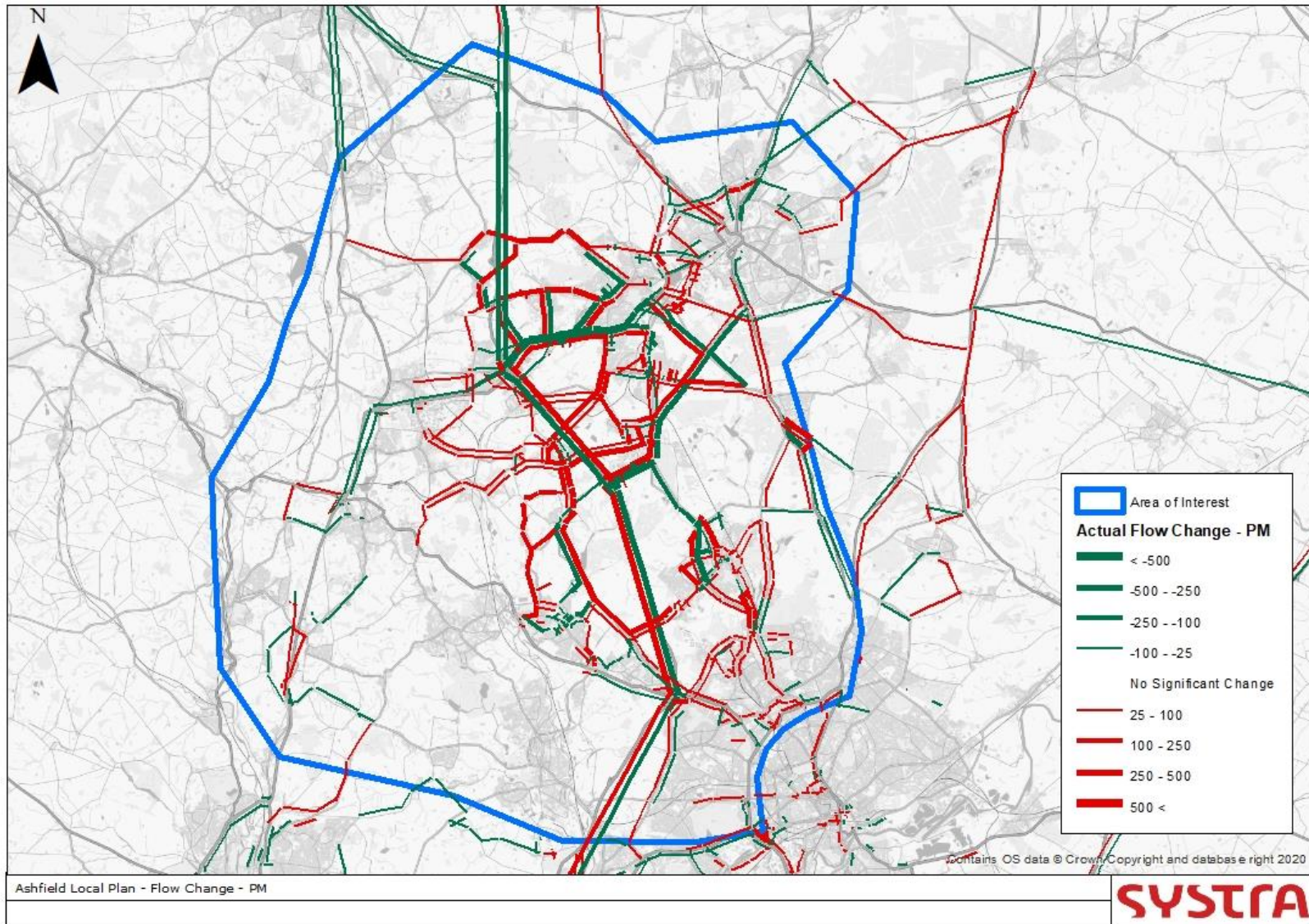


Figure 12. Change in Already Congested Junctions (>10% Difference) 2040 AM

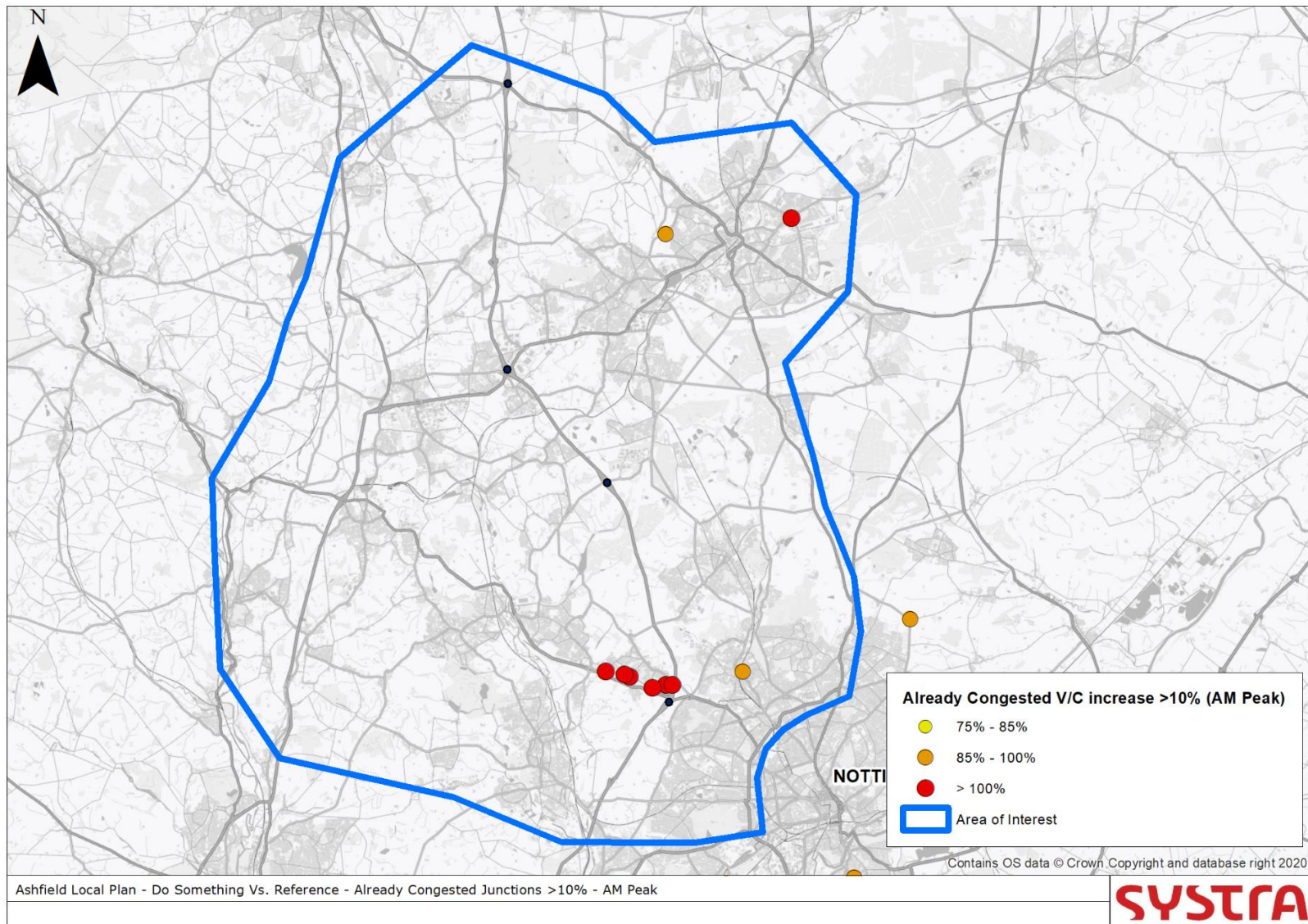


Figure 13. Change in Already Congested Junctions (>10% Difference) 2040 PM

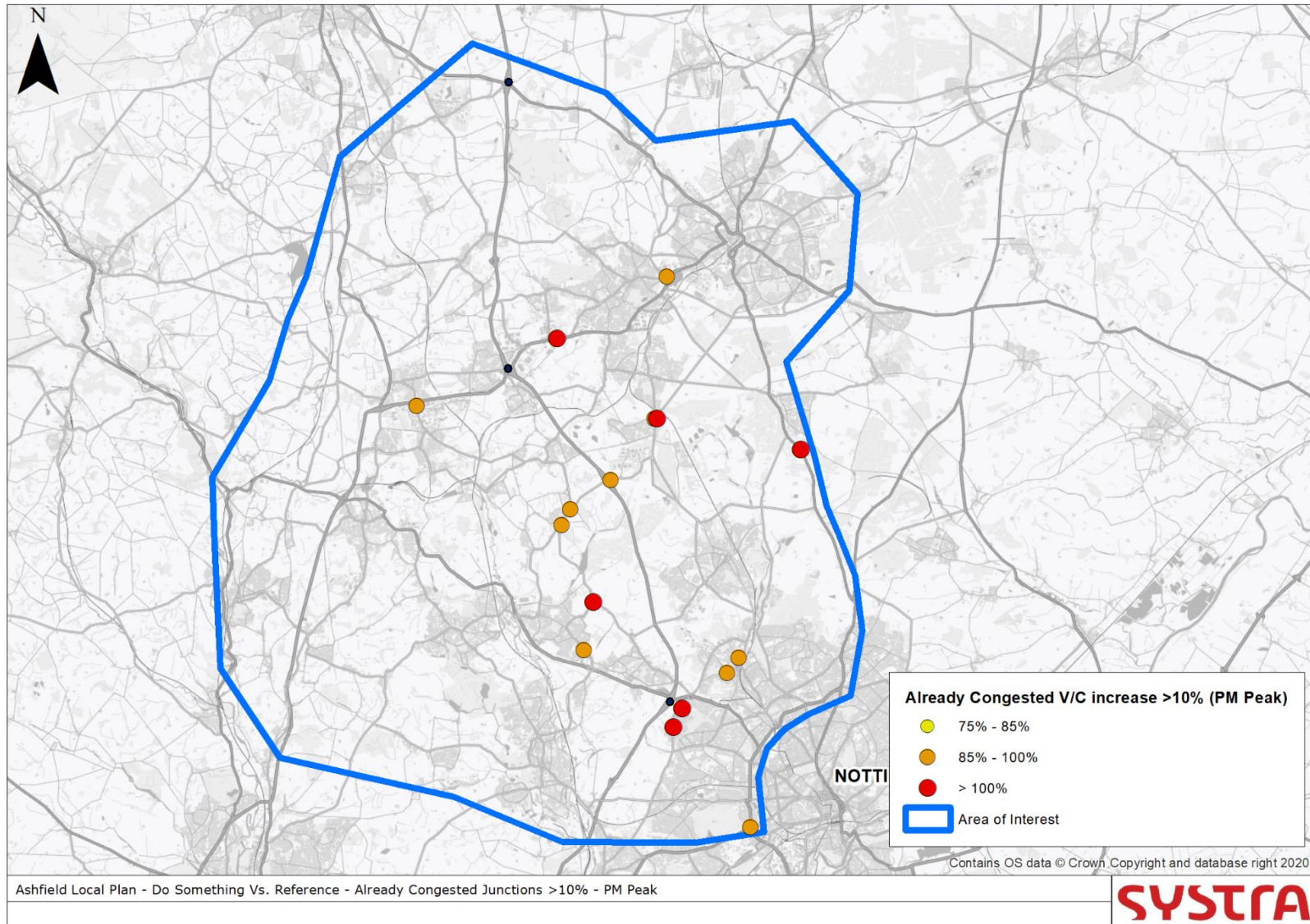


Figure 14. Change in Junctions Pushed over 75% V/C 2040 AM

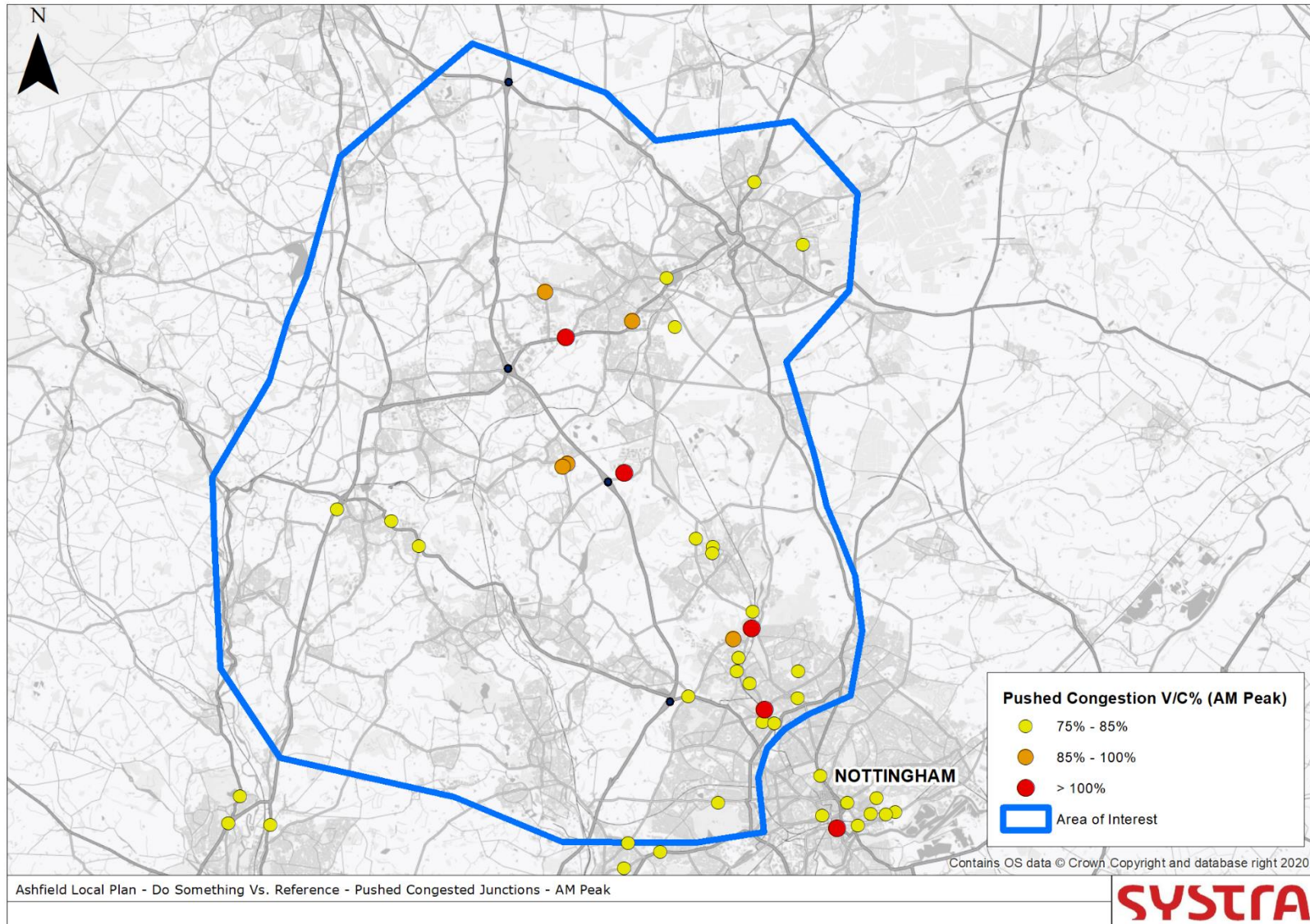


Figure 15. Change in Junctions Pushed over 75% V/C 2040 PM

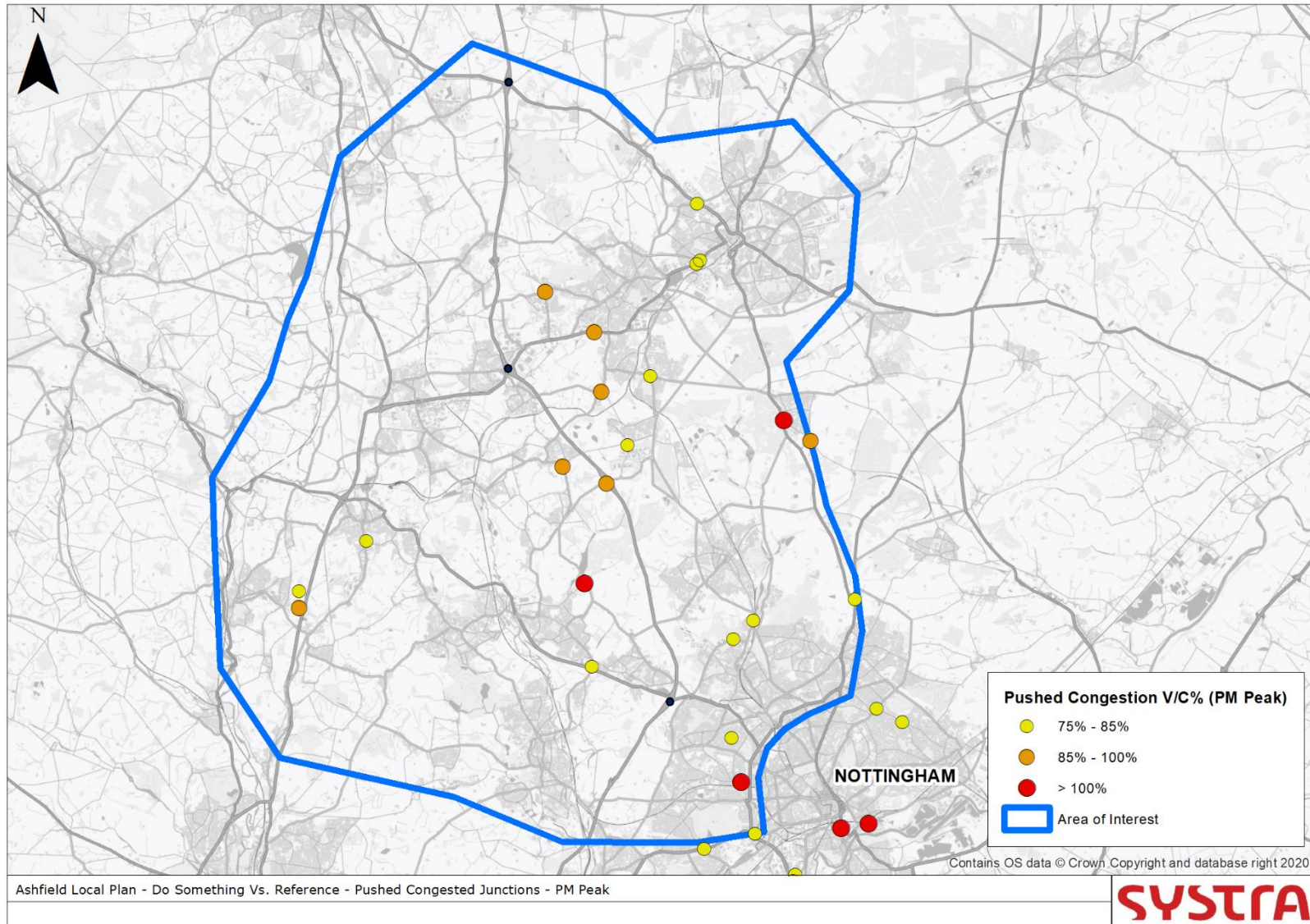


Figure 16. Total Congested Junctions 2040 AM

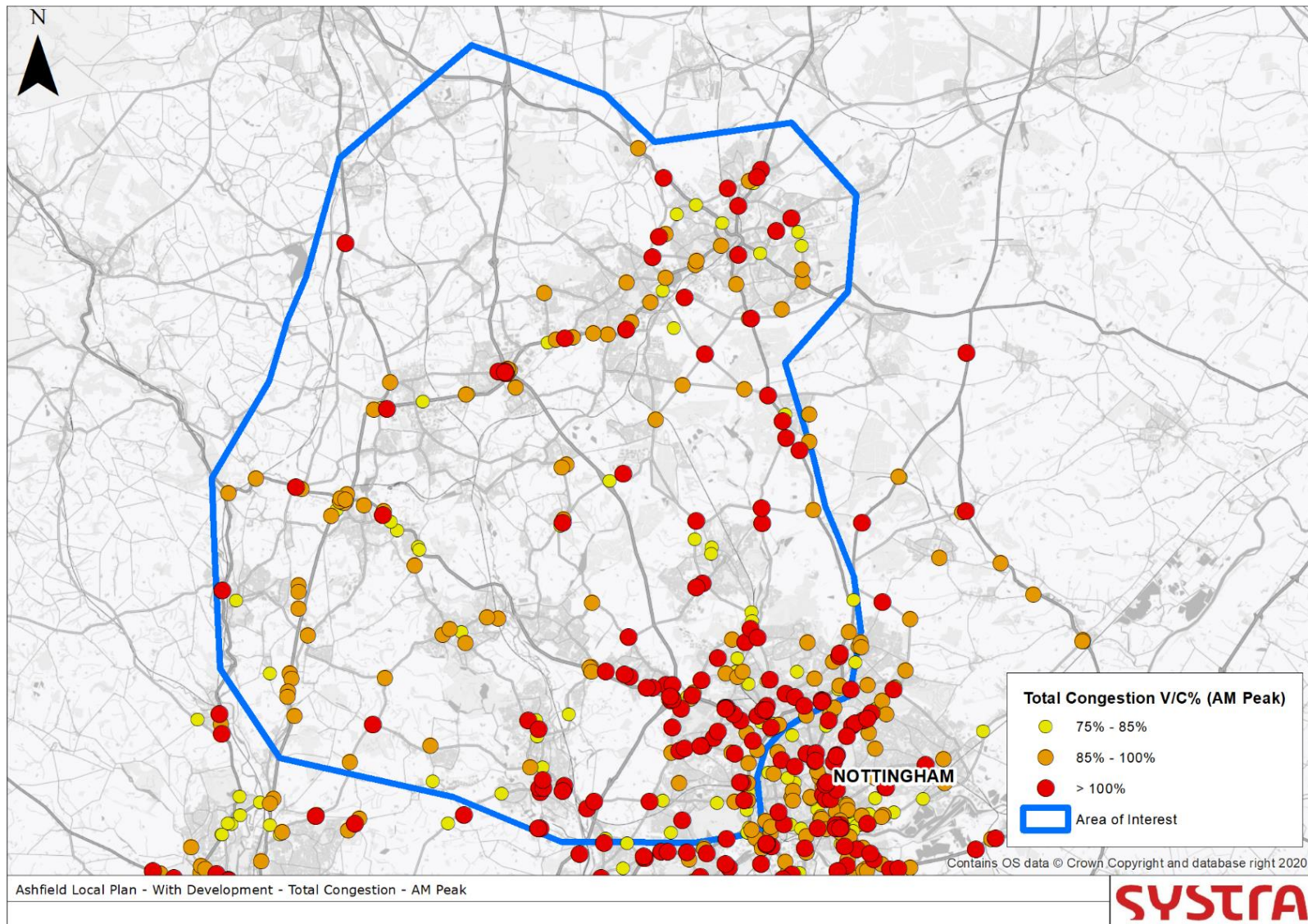
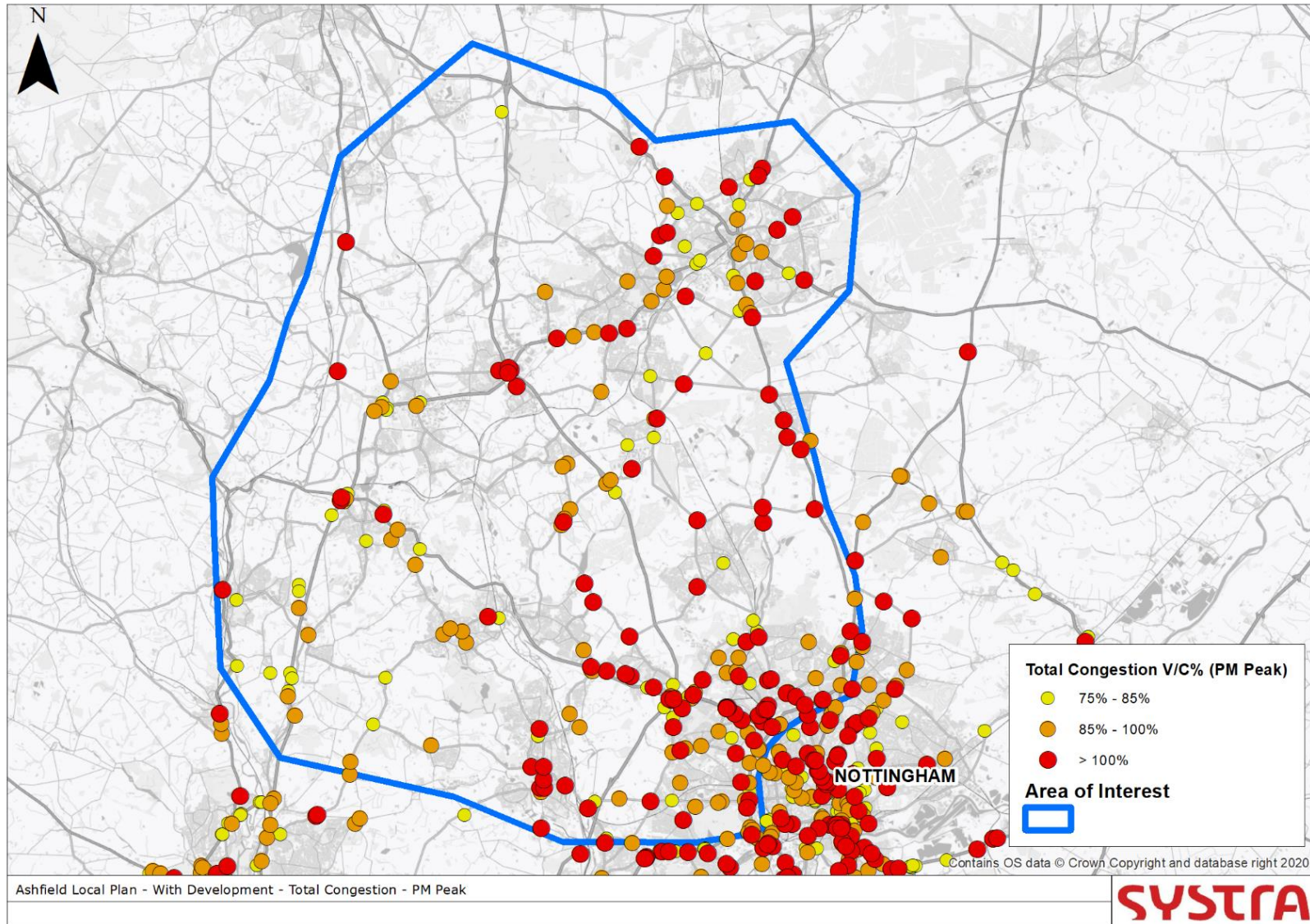


Figure 17. Total Congested Junctions 2040 PM



4. MITIGATION

Figure 18. Proposed Bus Routes

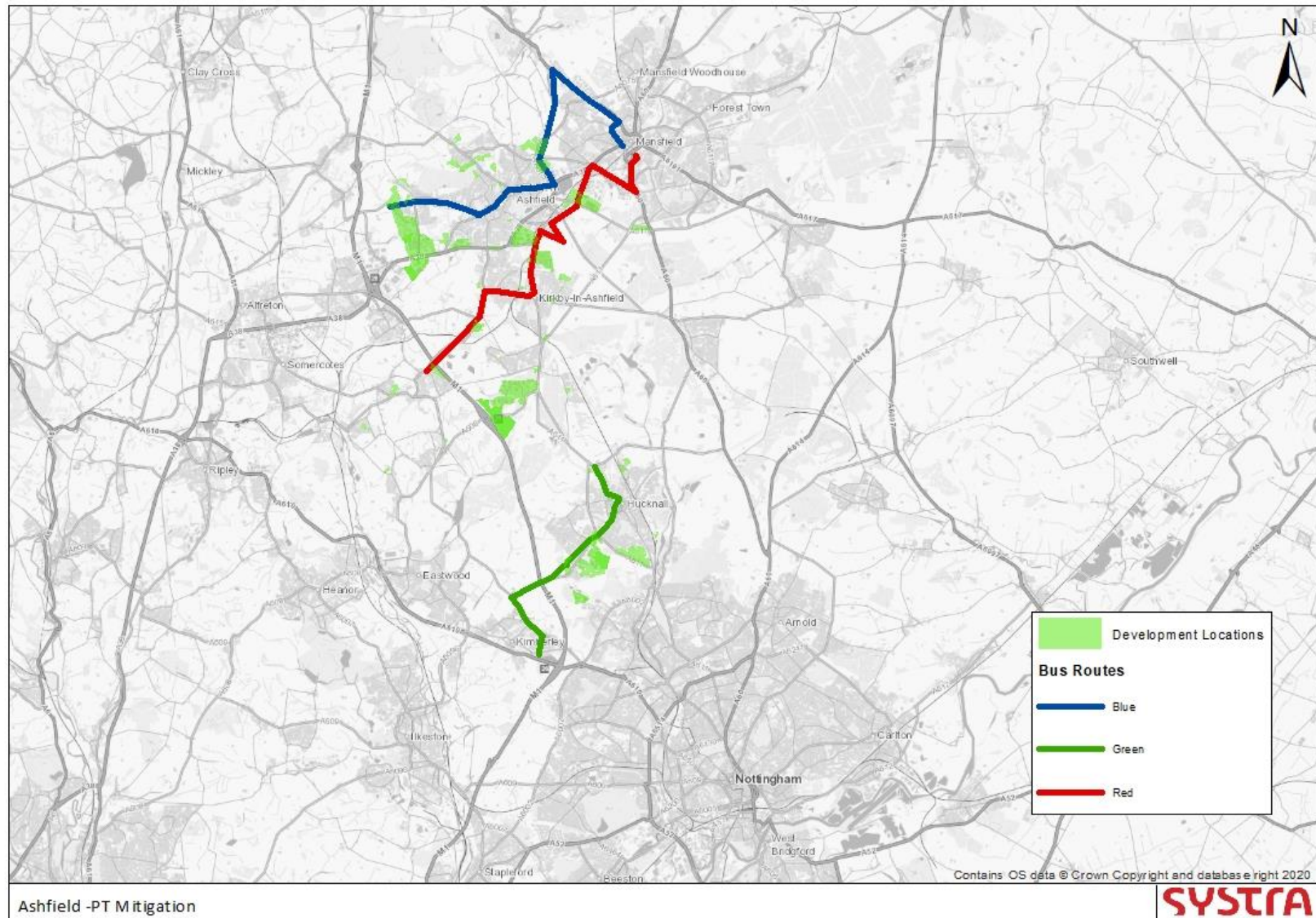
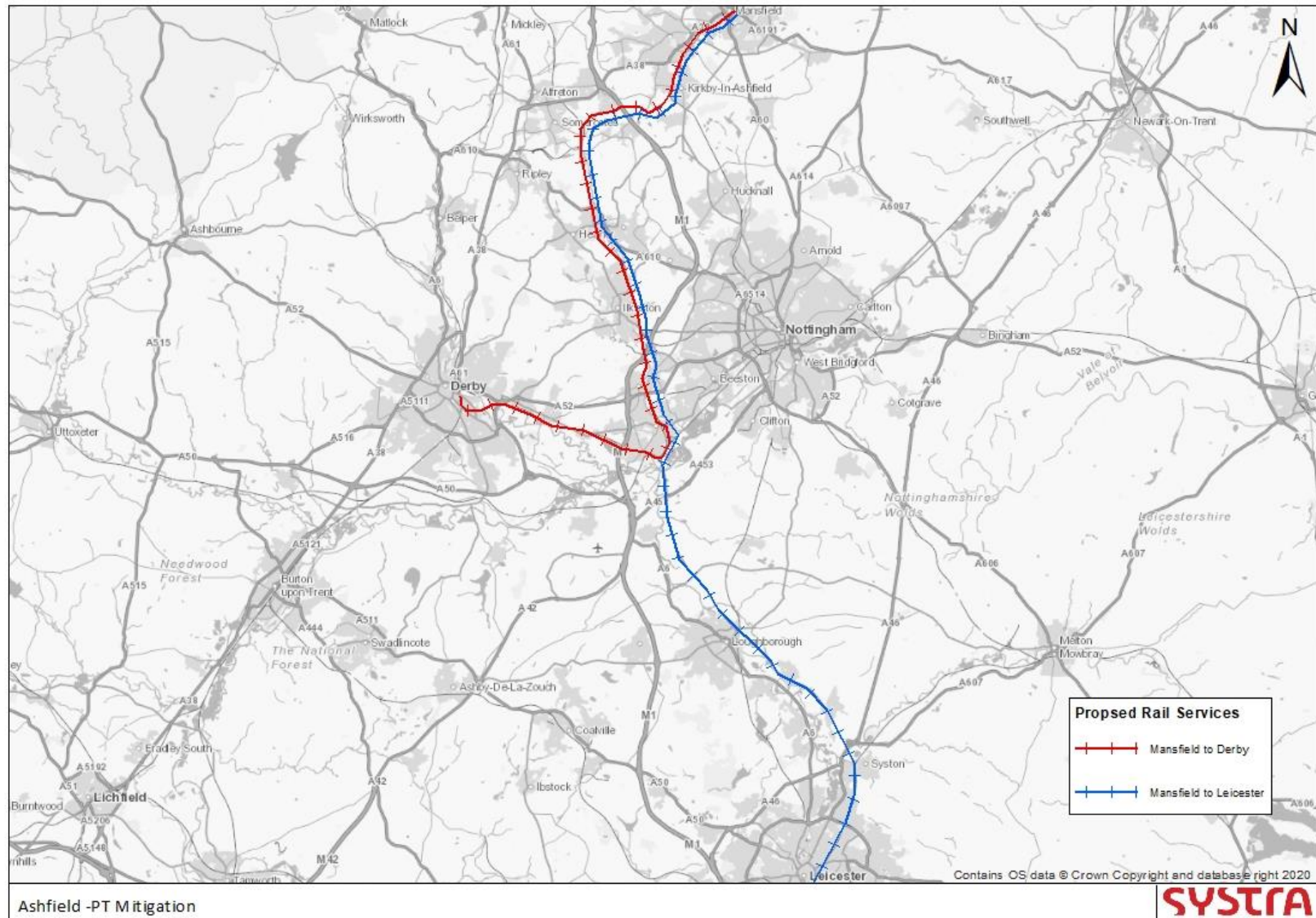


Figure 19. Proposed Rail Routes



Ashfield -PT Mitigation

Figure 20. Proposed Cycle Routes

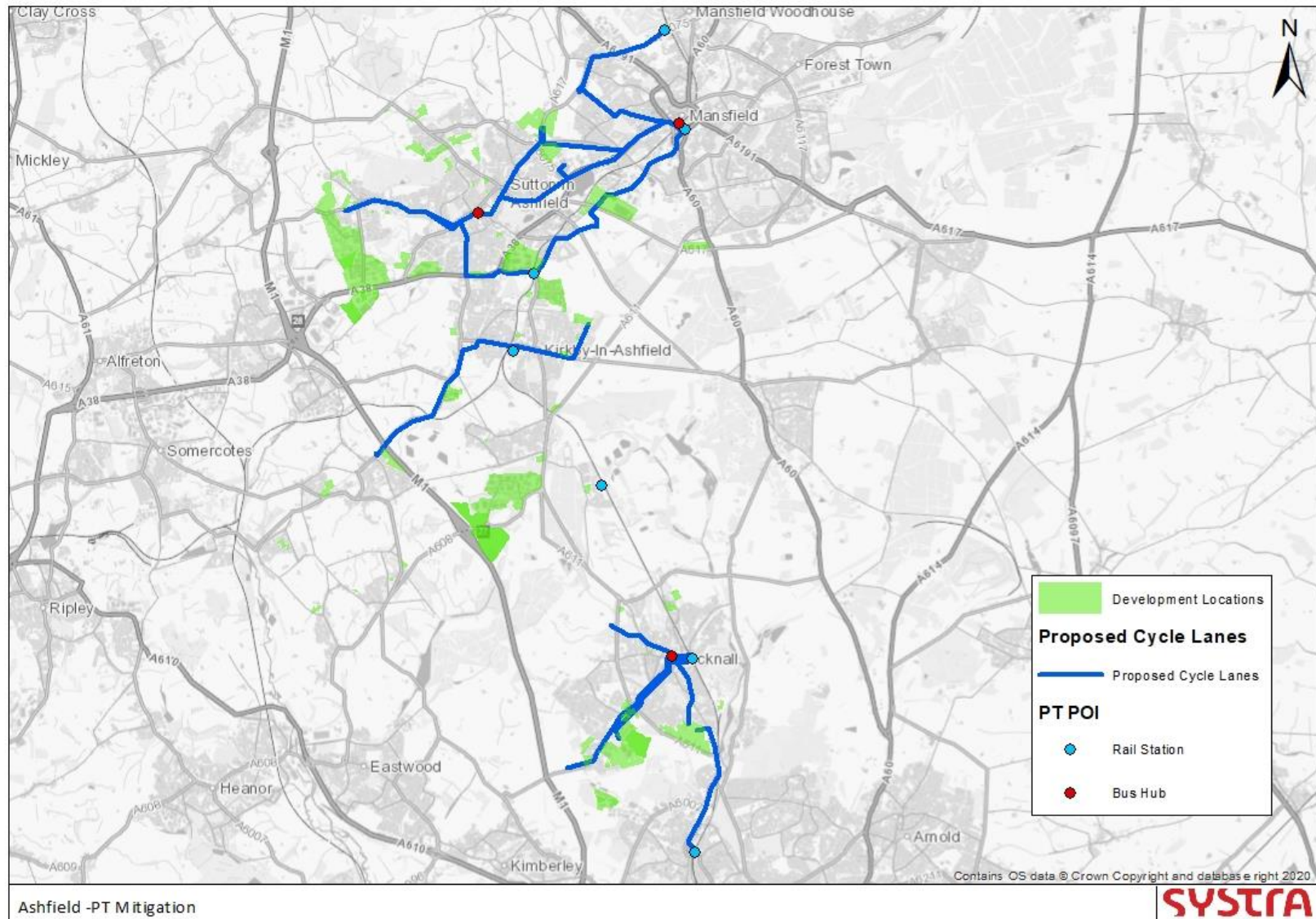


Figure 21. Location of Proposed Mitigation

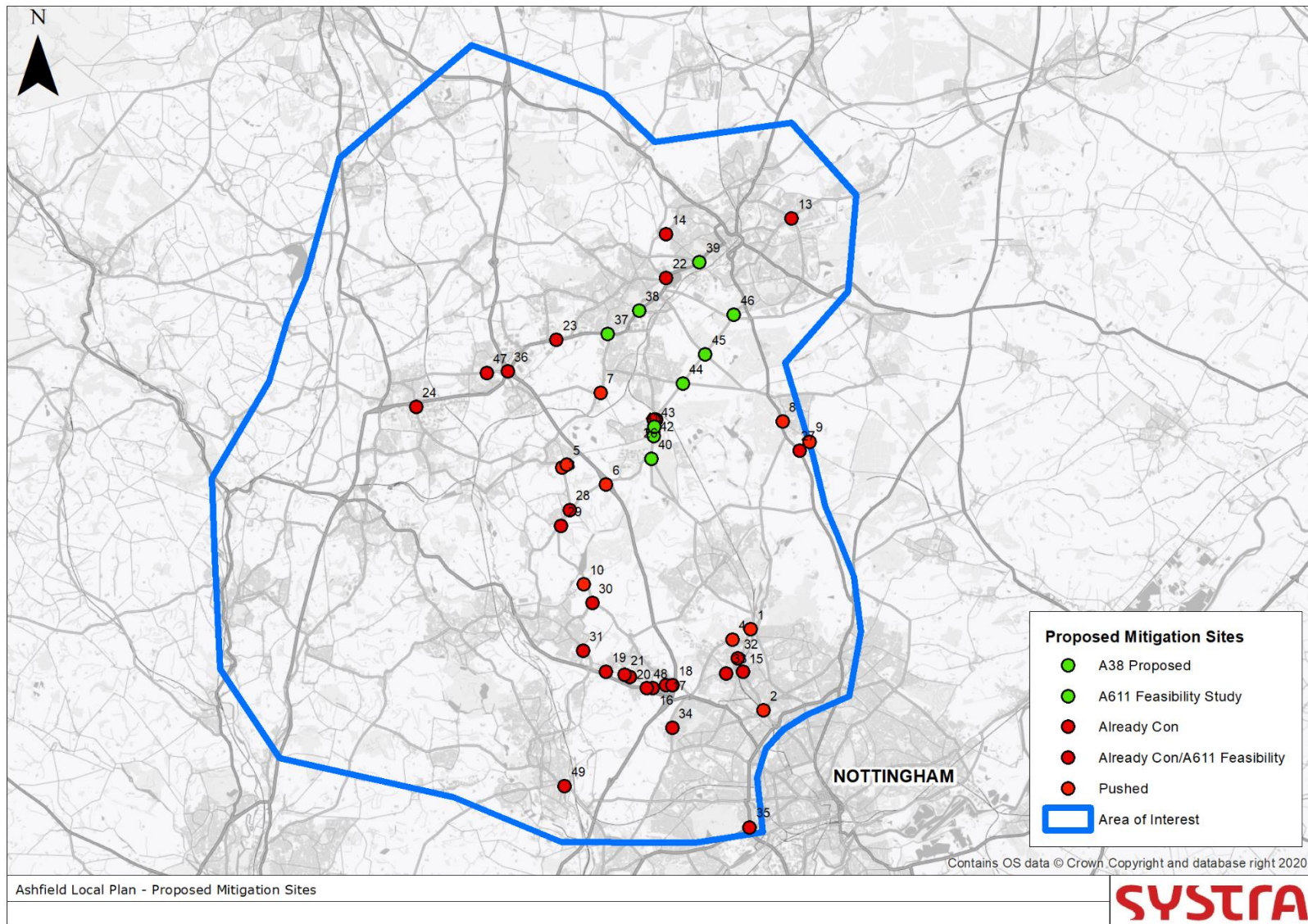


Figure 22. Flow Change Reference Case vs. PT Mitigation AM

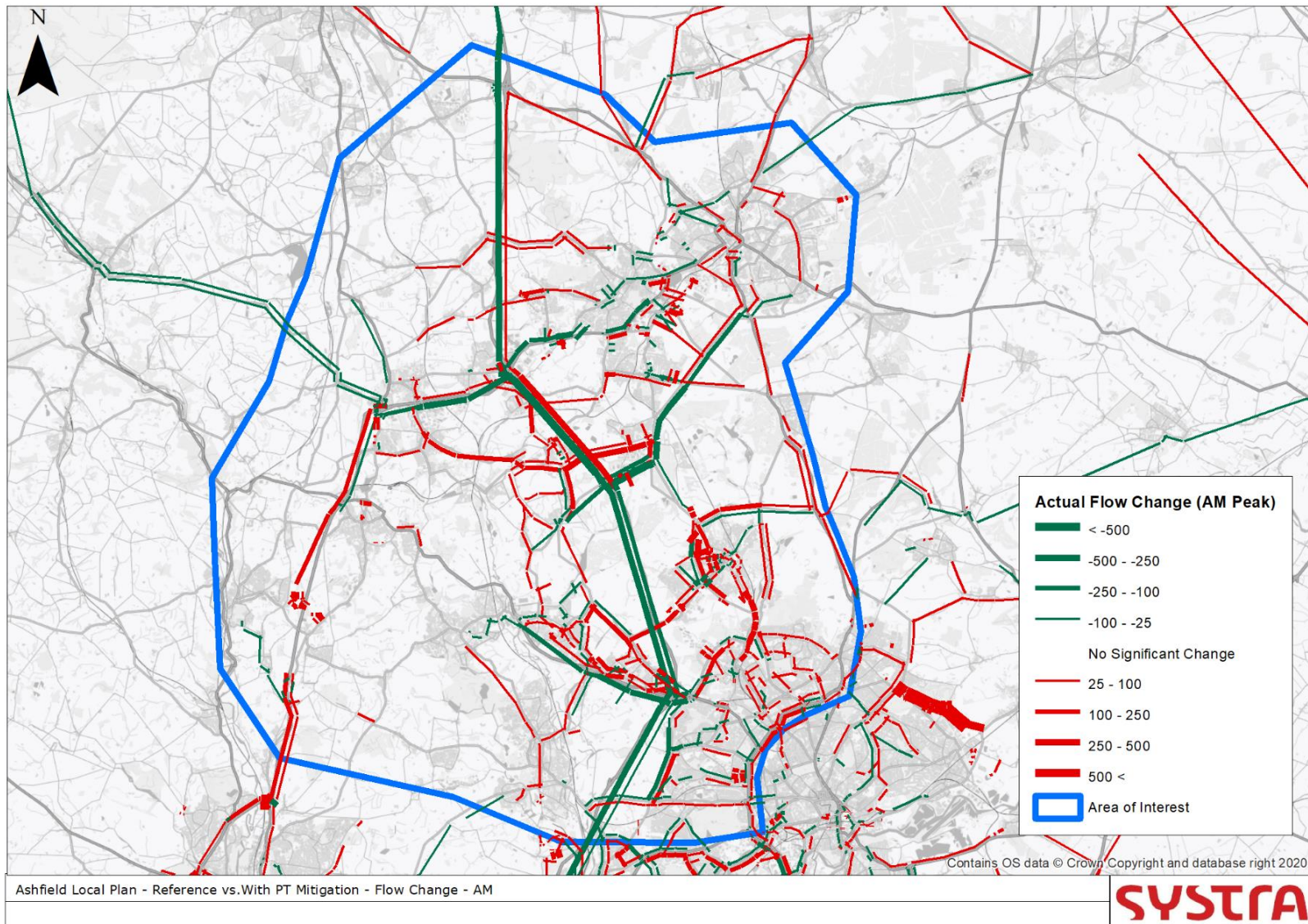


Figure 23. Flow Change Reference Case vs. PT Mitigation PM

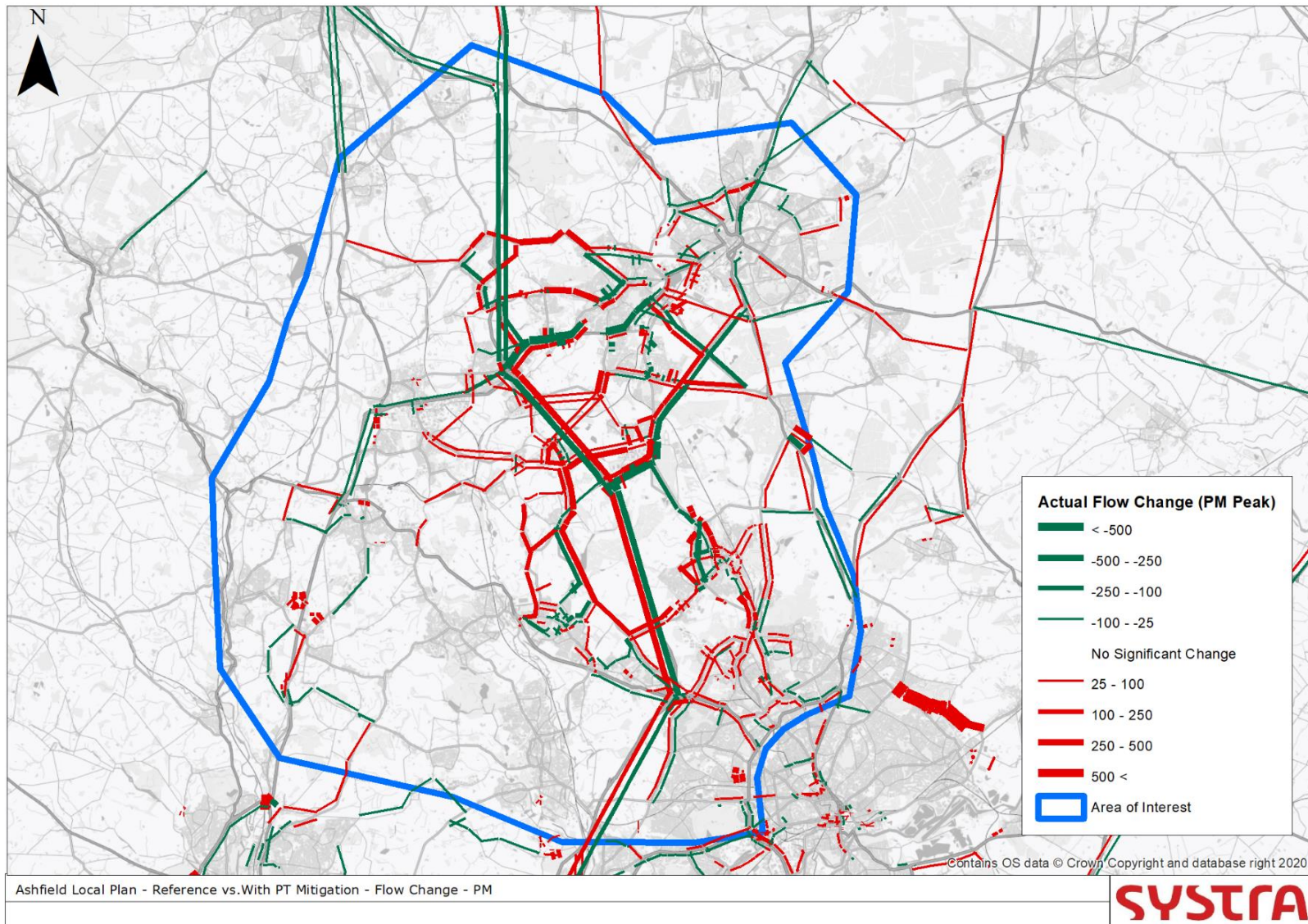


Figure 24. Flow Change Do Something vs. PT Mitigation AM

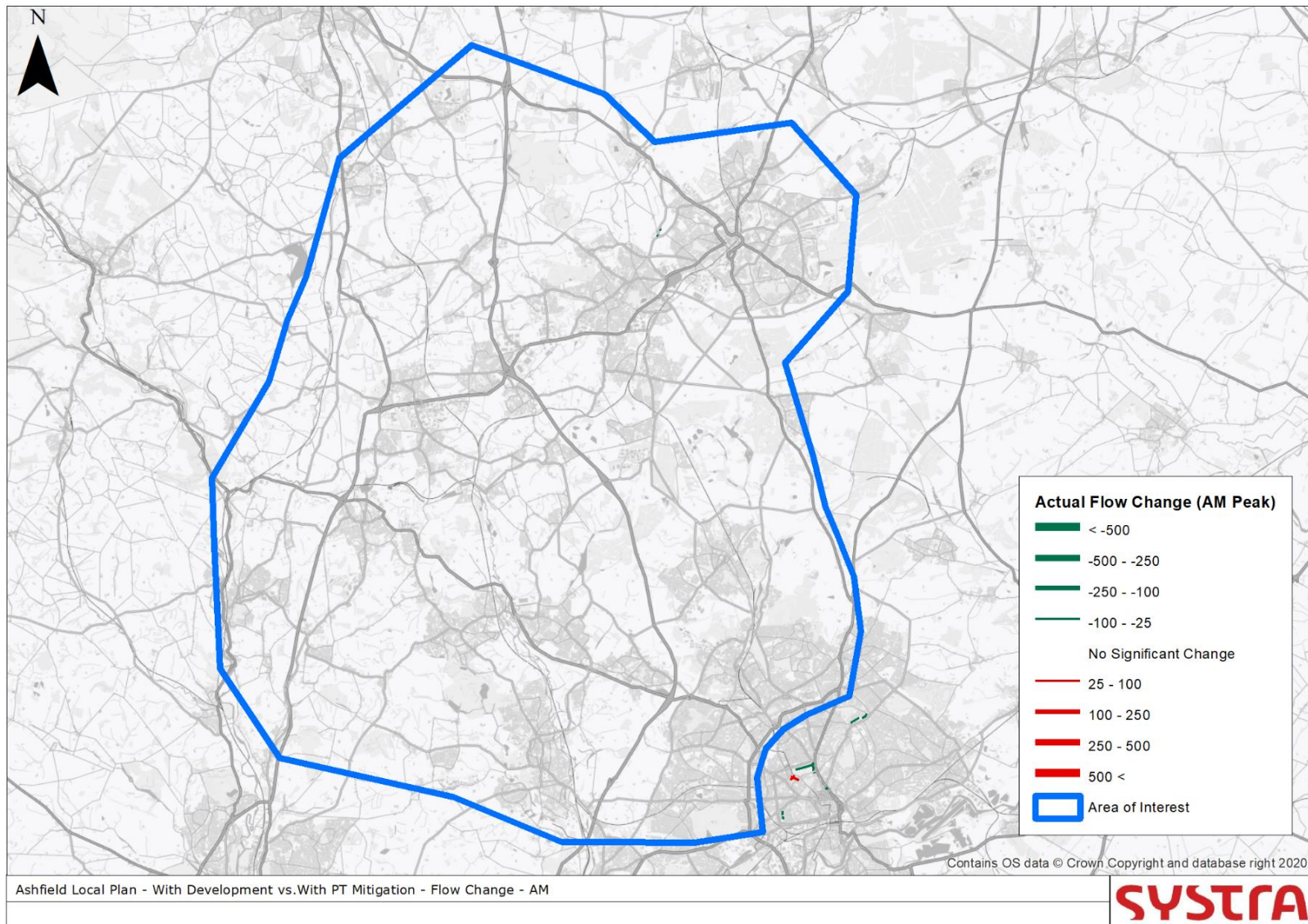


Figure 25. Flow Change Do Something vs. PT Mitigation PM

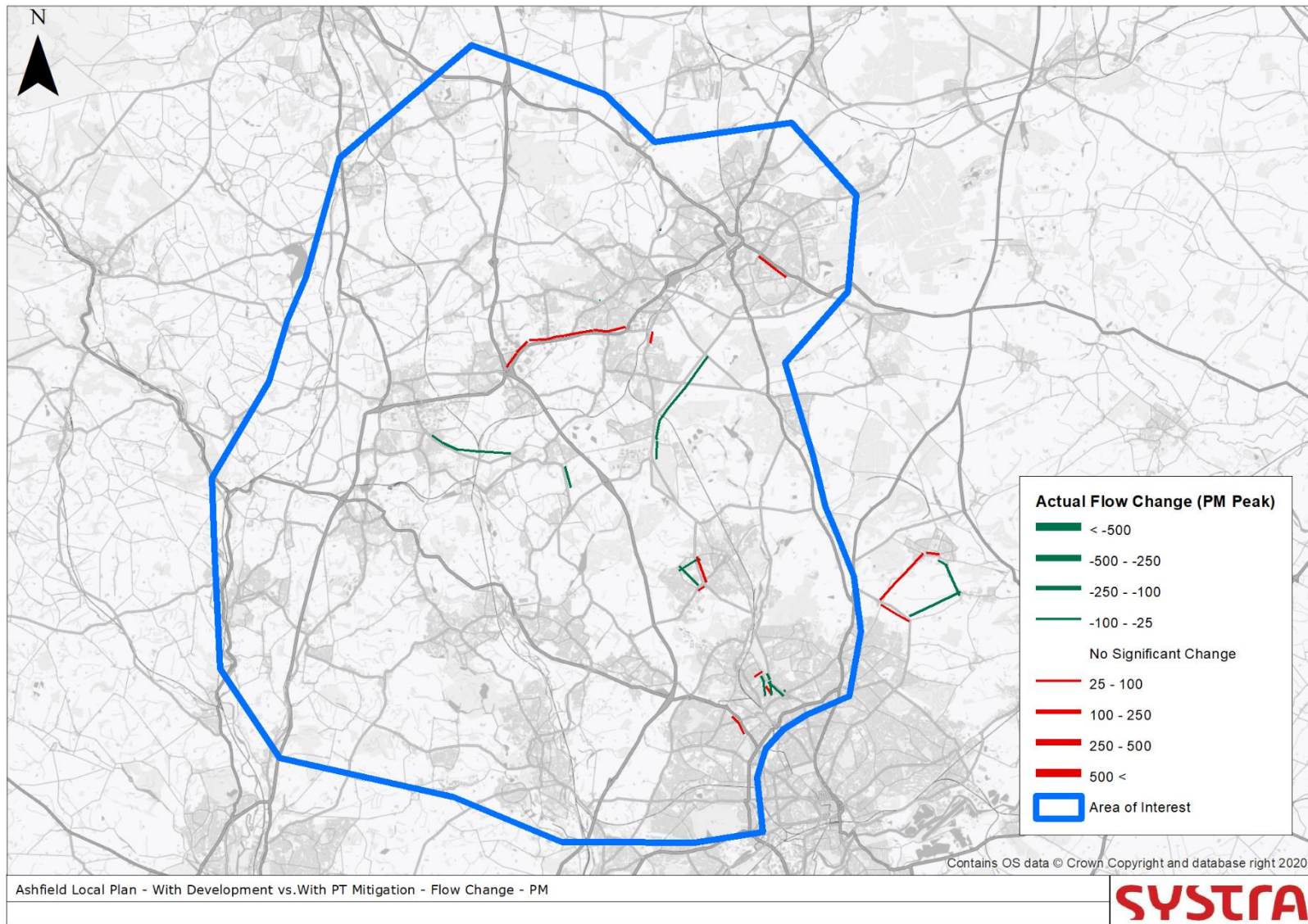


Figure 26. Change in Already Congested Junctions (>10% Difference) 2040 AM

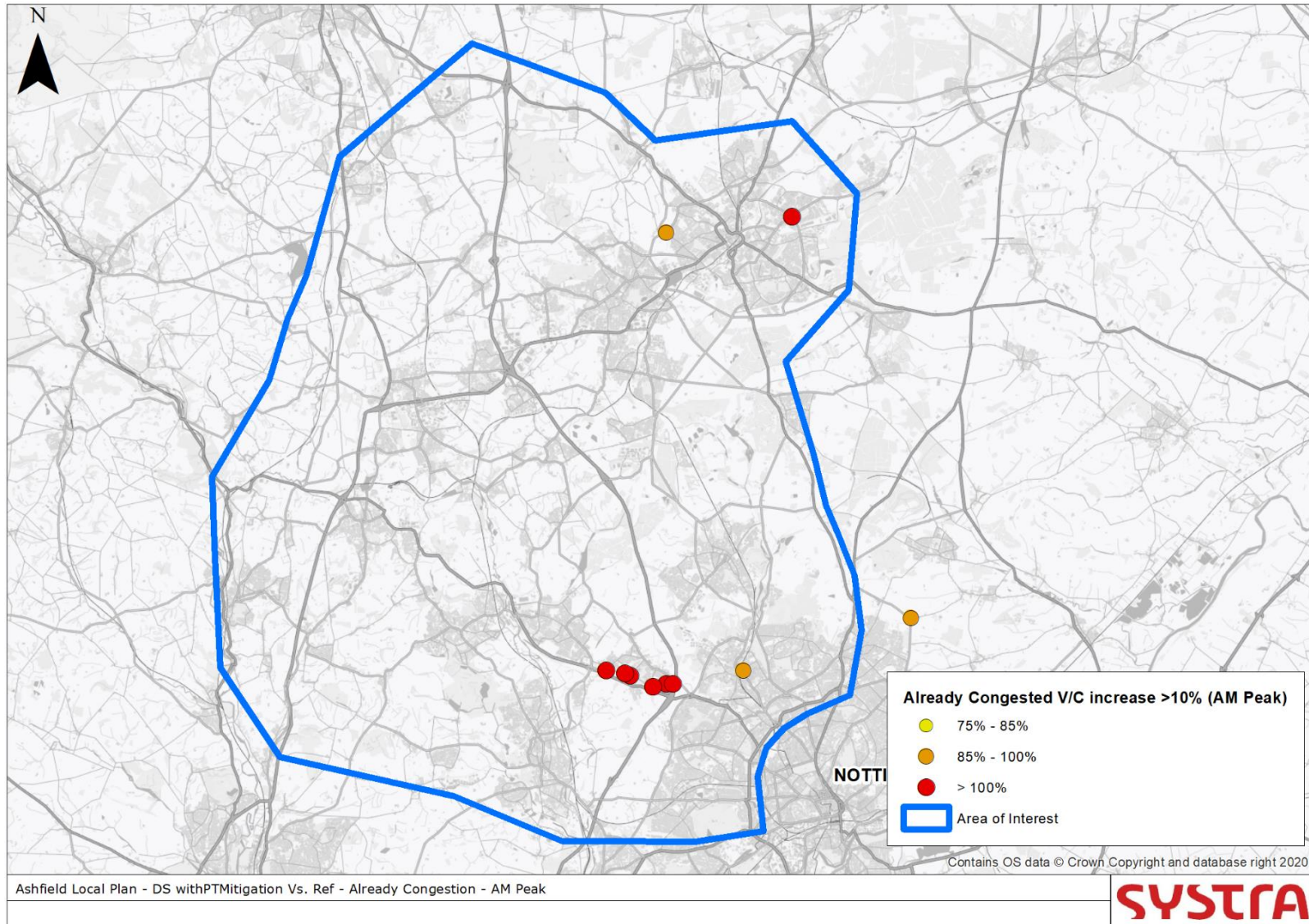


Figure 27. Change in Already Congested Junctions (>10% Difference) 2040 PM

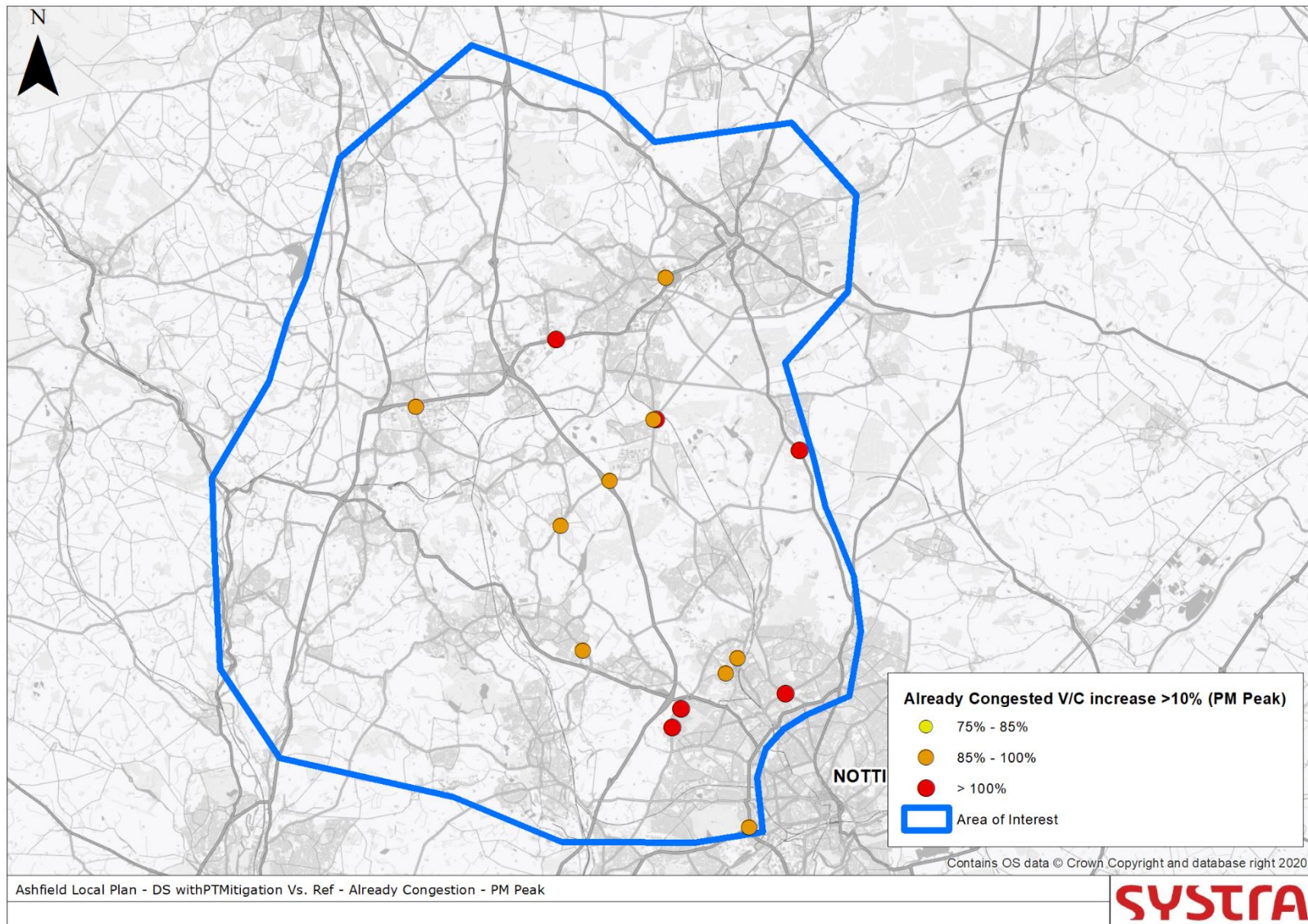


Figure 28. Change in Junctions Pushed over 75% V/C 2040 AM

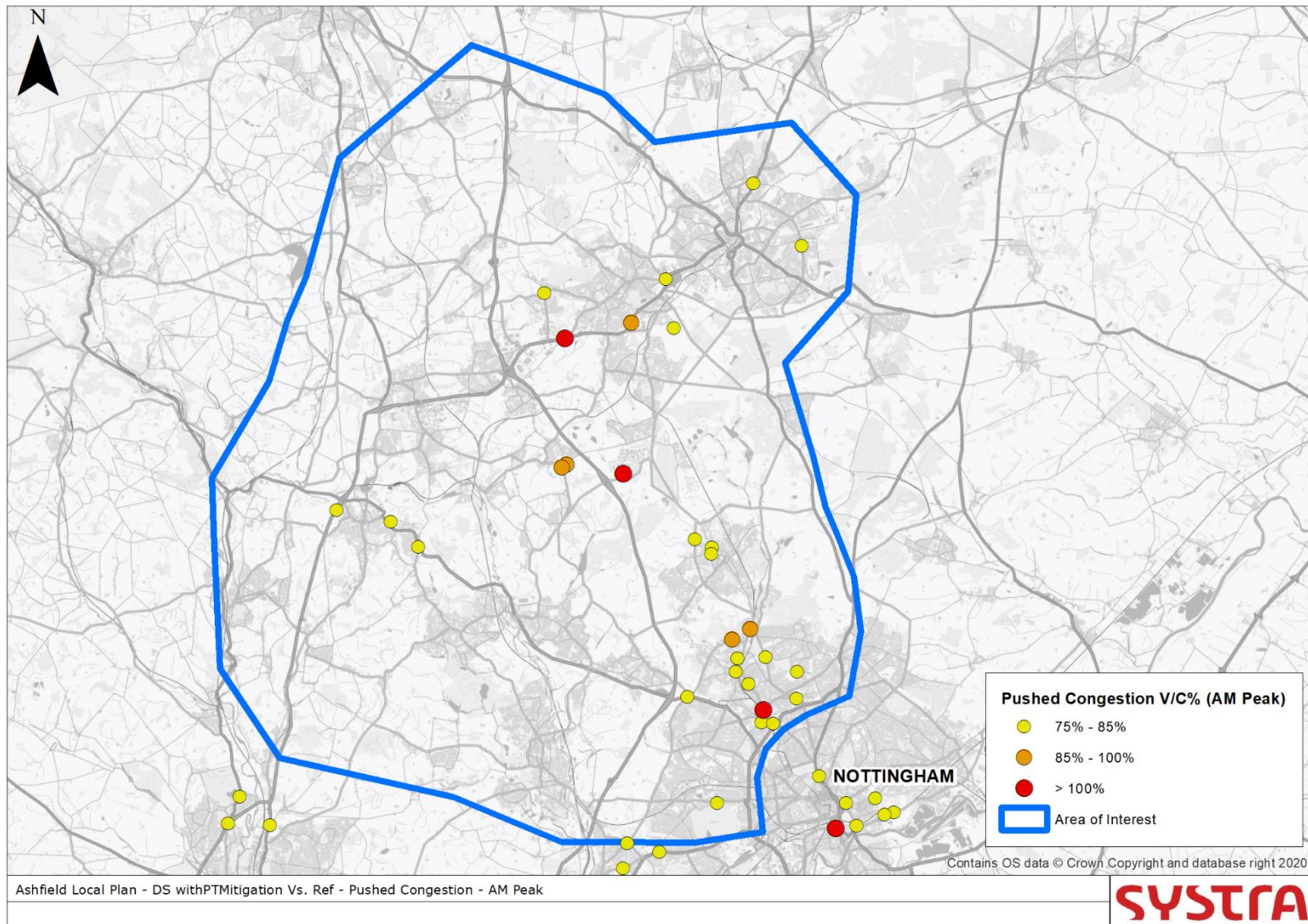


Figure 29. Change in Junctions Pushed over 75% V/C 2040 PM

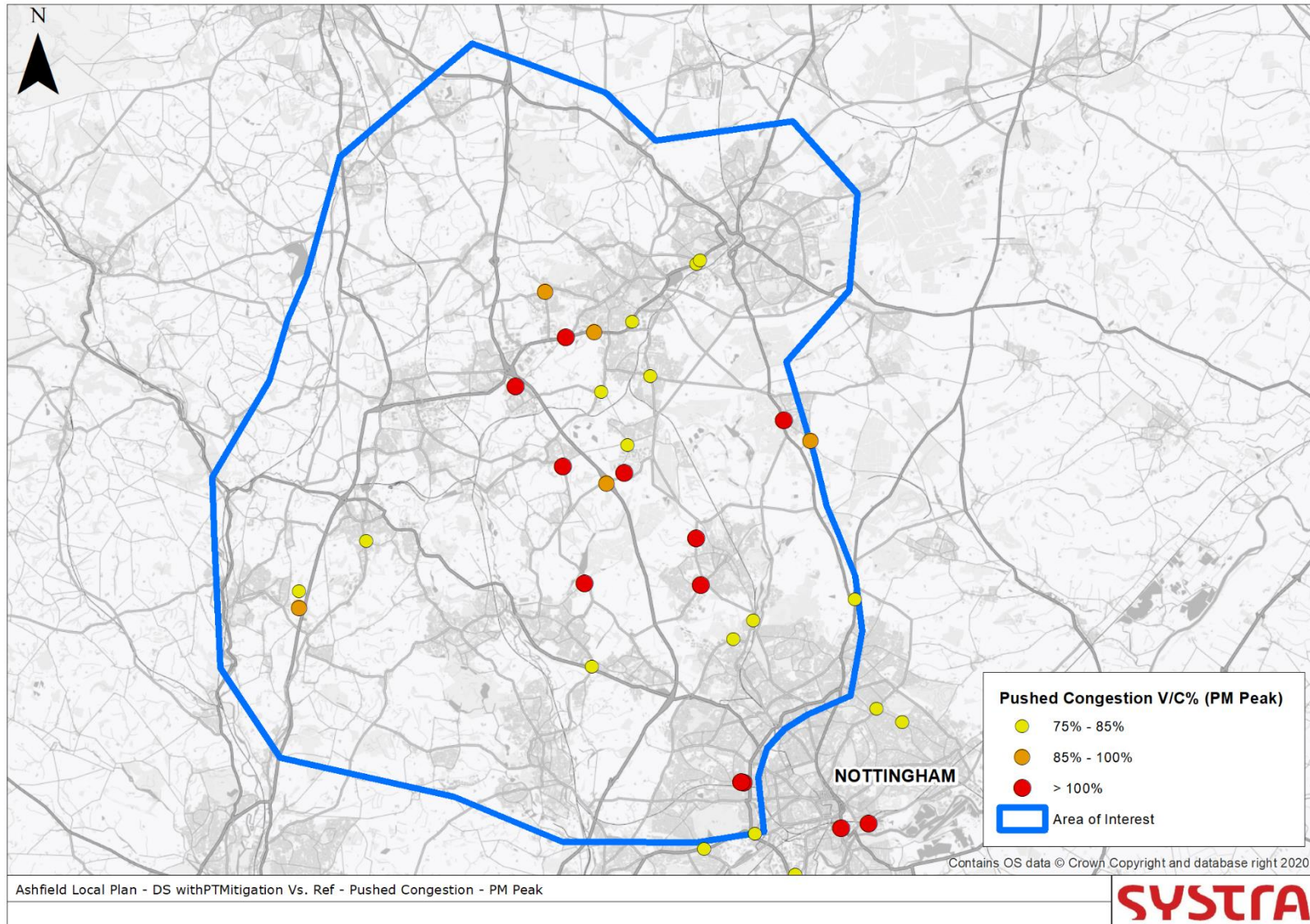


Figure 30. Congestion Change Reference vs. PT Mitigation AM

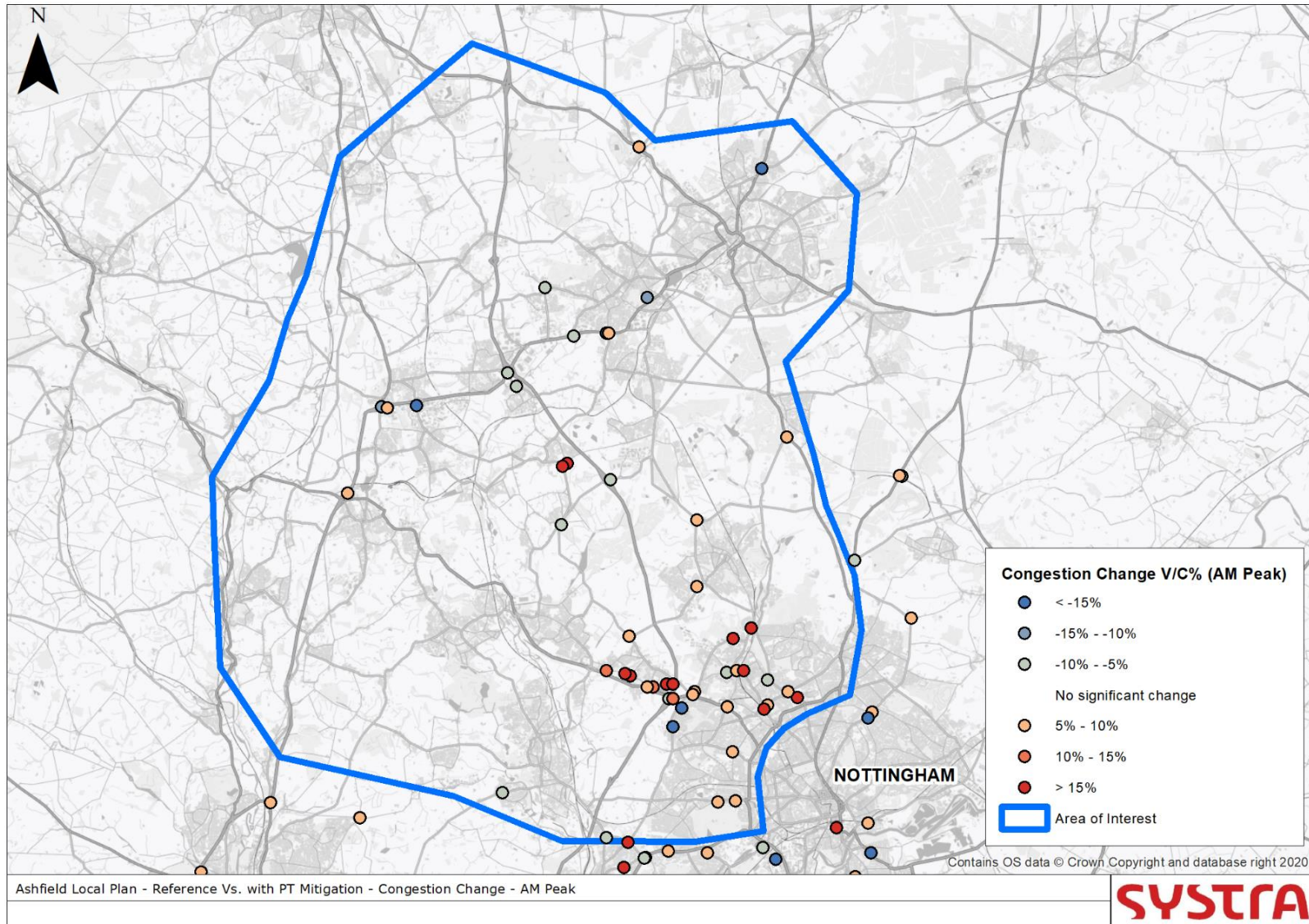


Figure 31. Congestion Change Reference vs. PT Mitigation PM

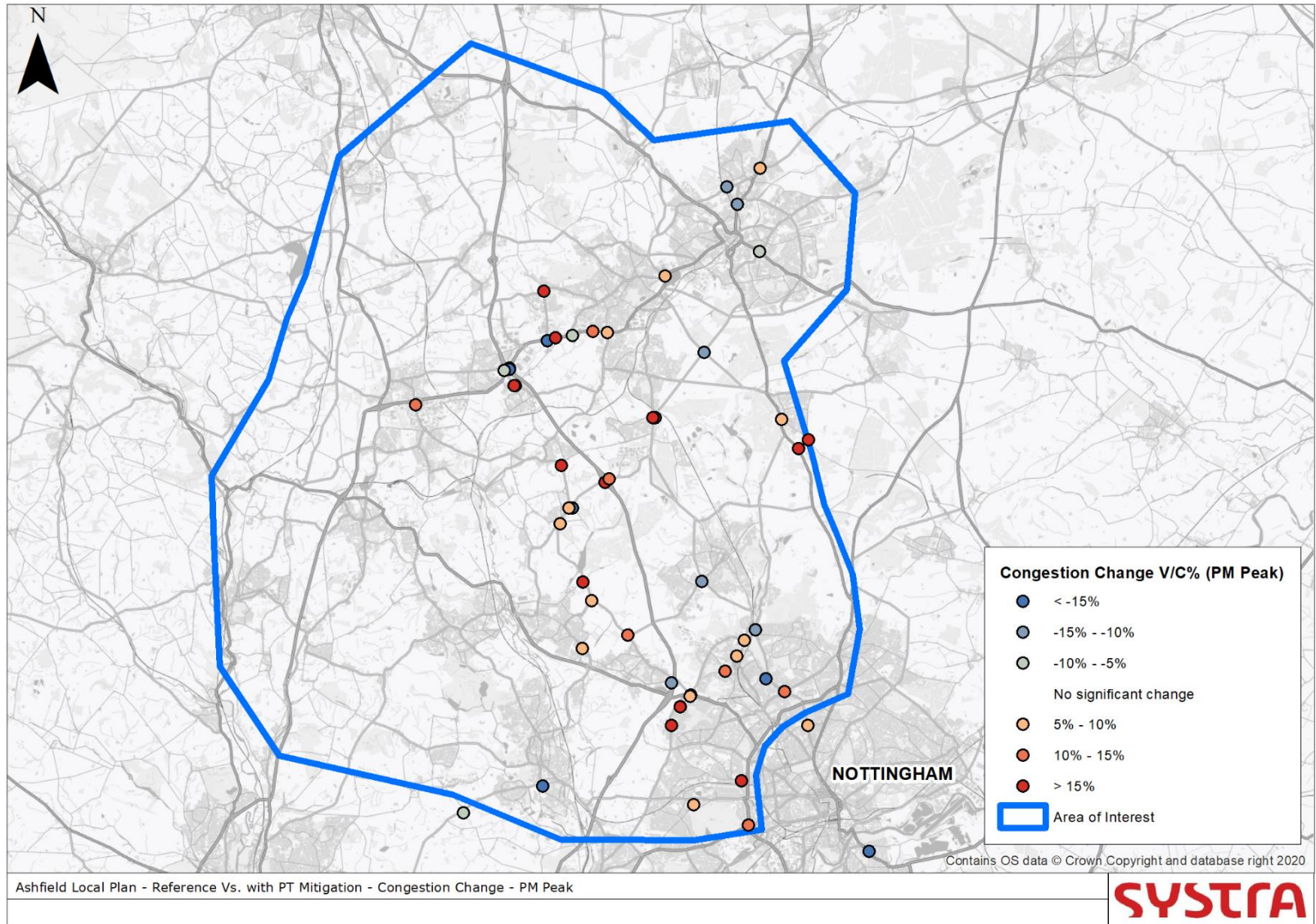


Figure 32. Congestion Change DS vs. DS with PT Mitigation AM

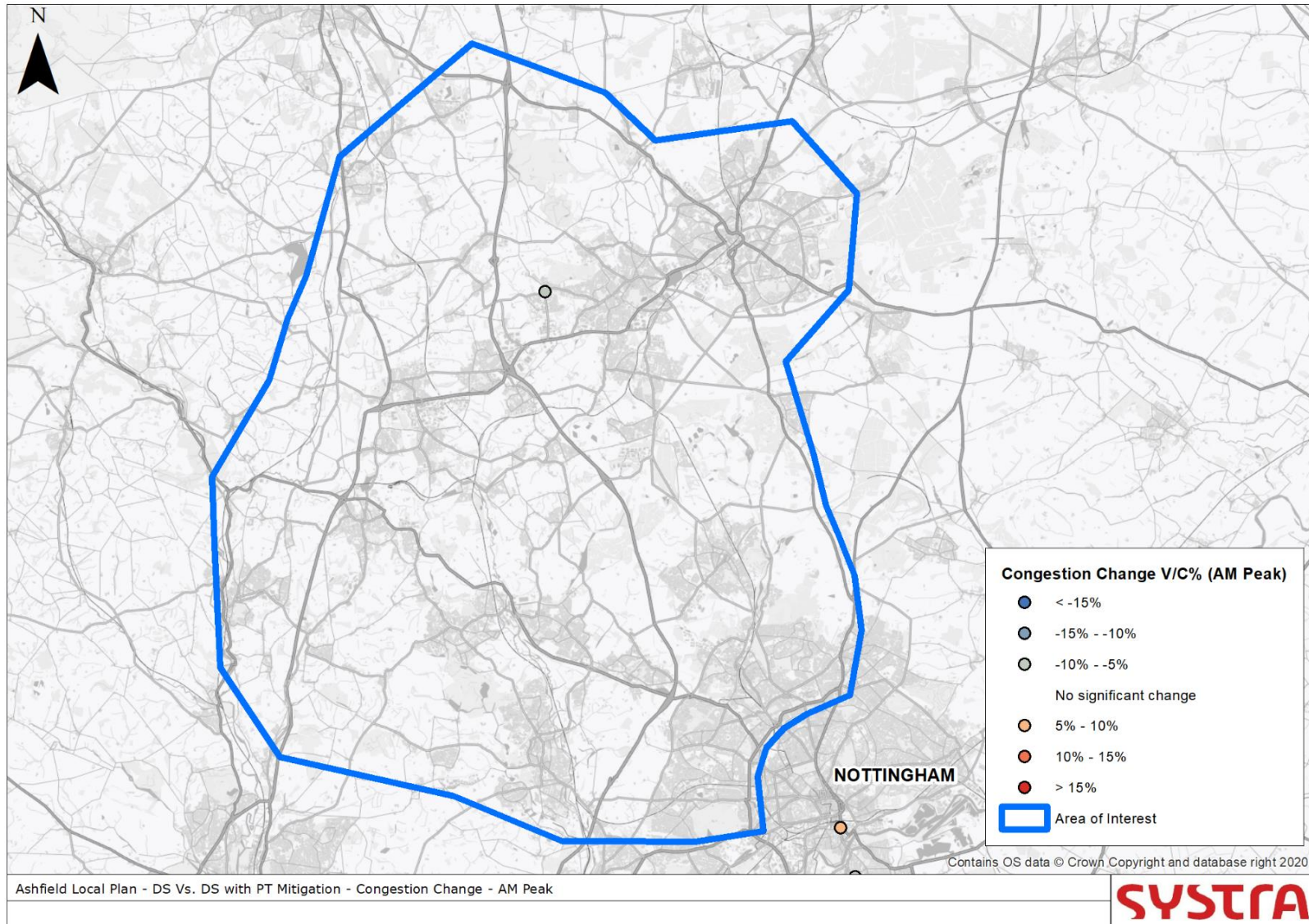


Figure 33. Congestion Change DS vs. DS with PT Mitigation PM

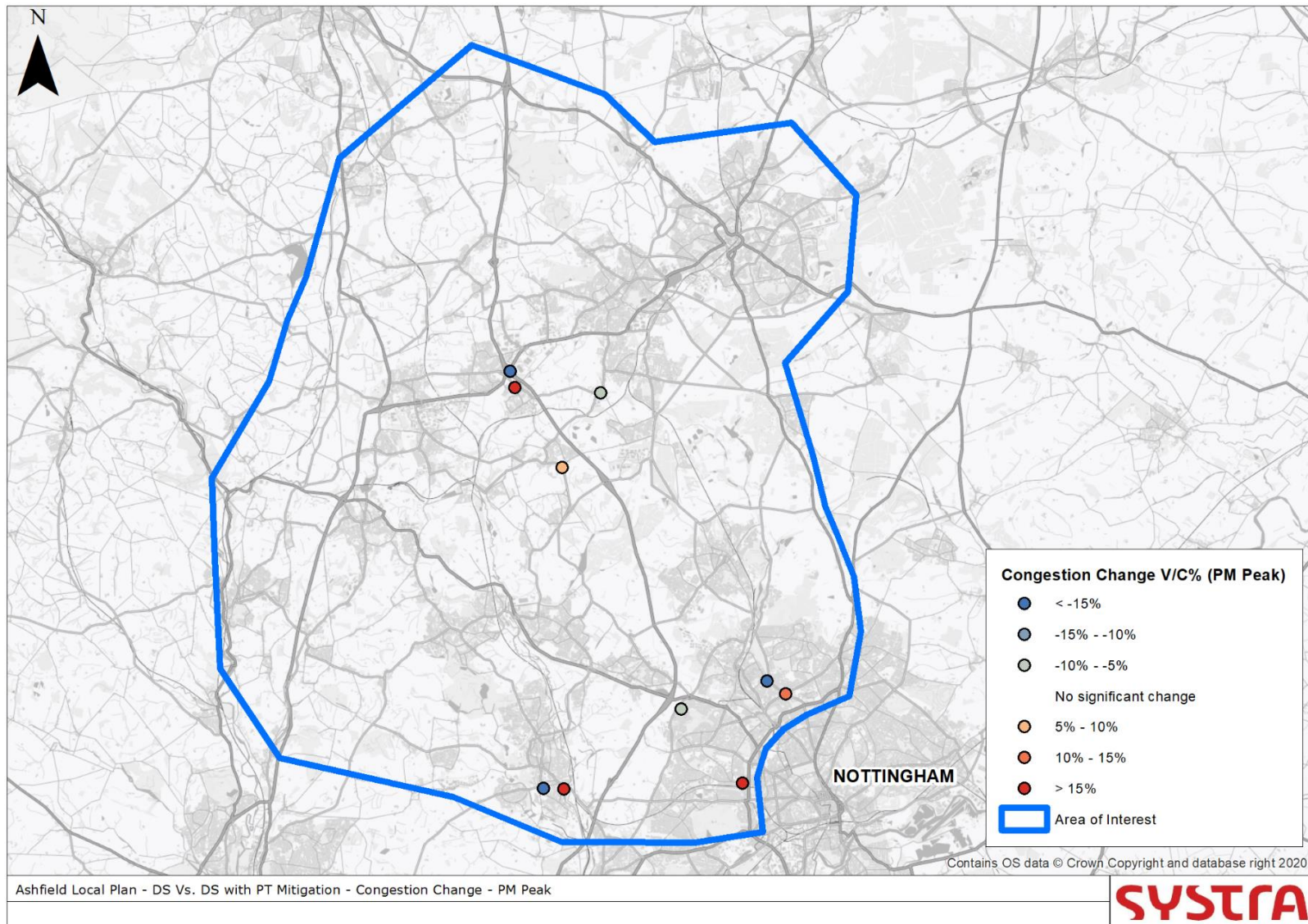


Figure 34. Flow Difference Full Mitigation vs. With Development AM

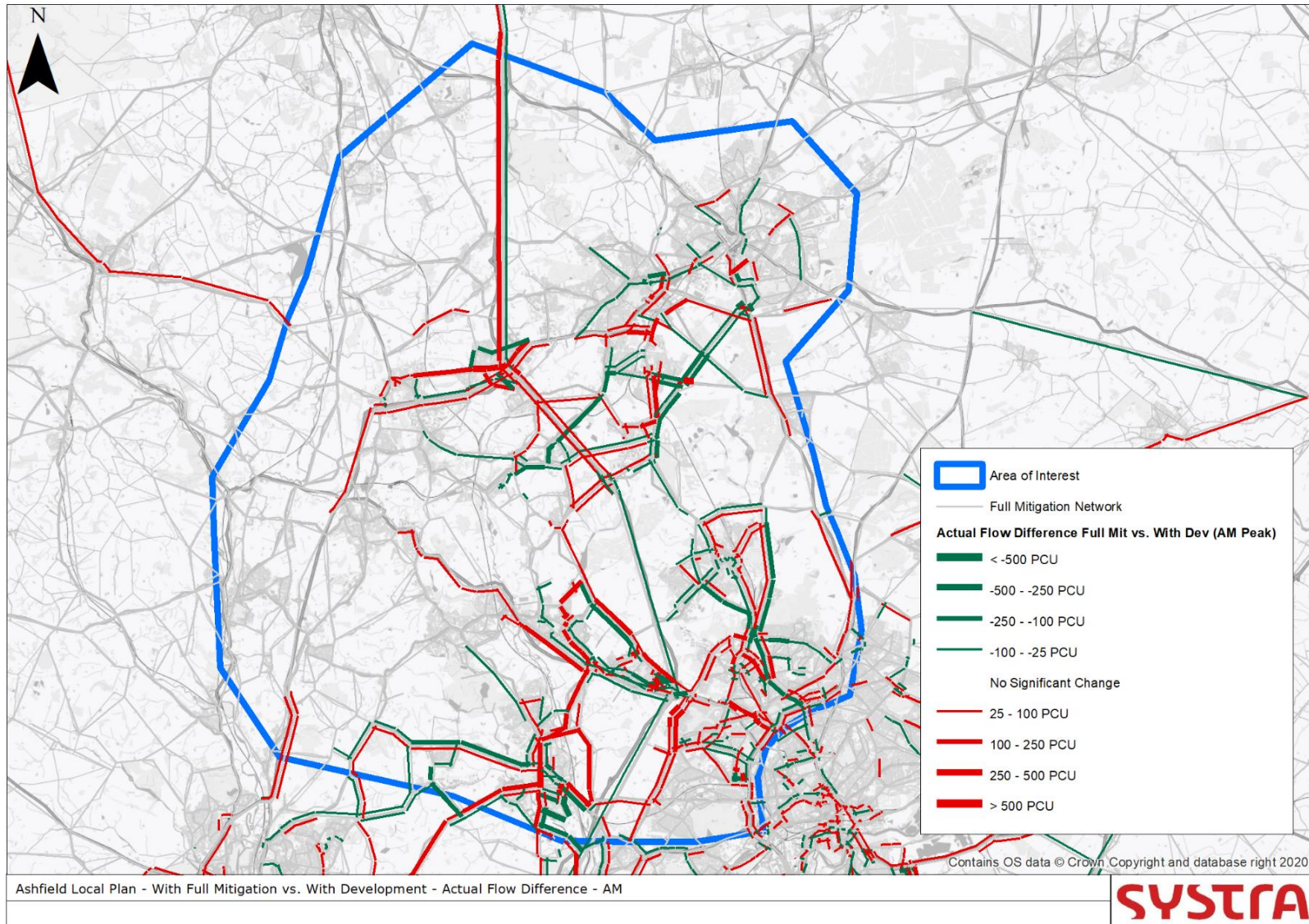


Figure 35. Flow Difference Full Mitigation vs. With Development PM

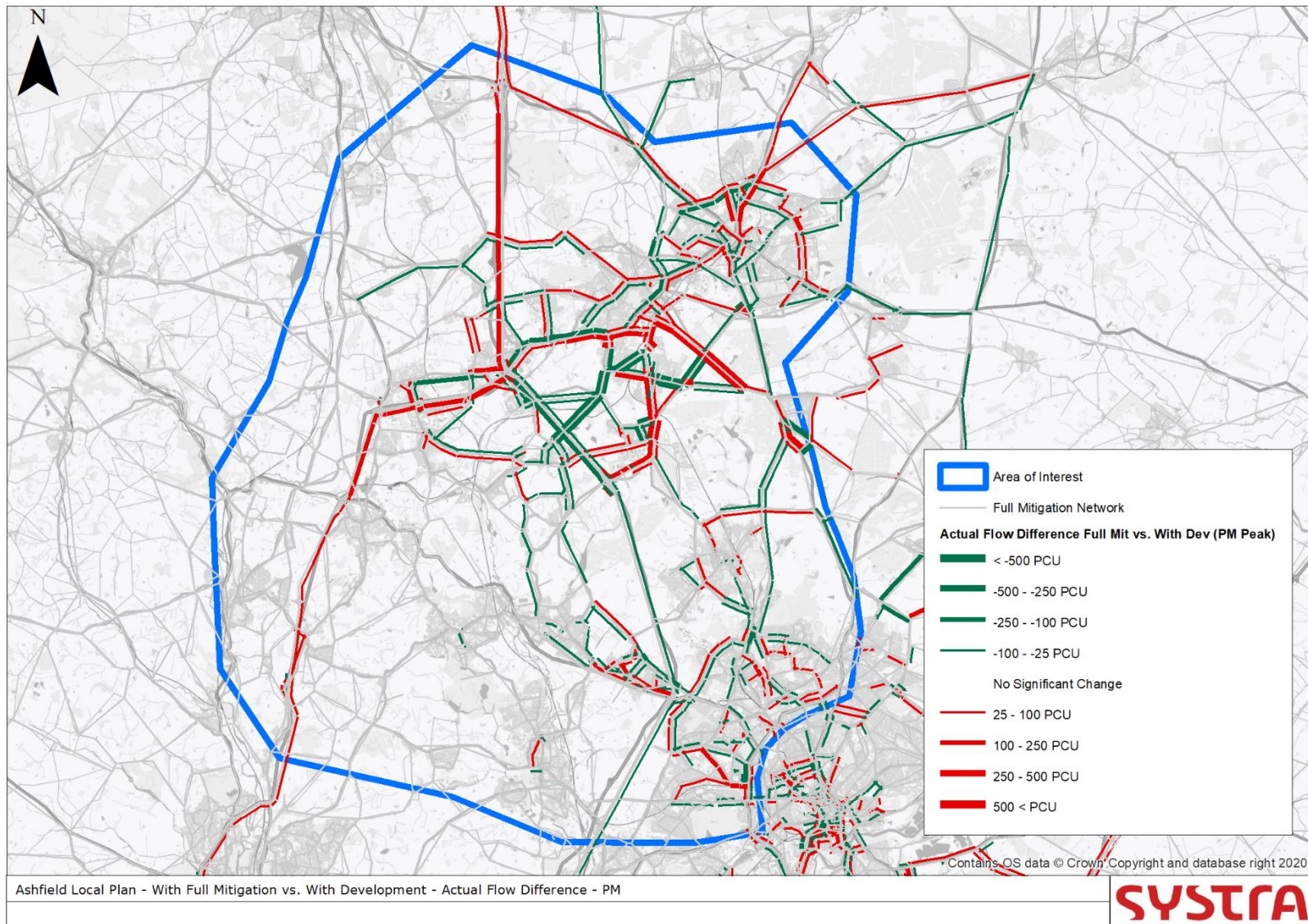


Figure 36. Congestion Change Full Mitigation vs. With Development AM

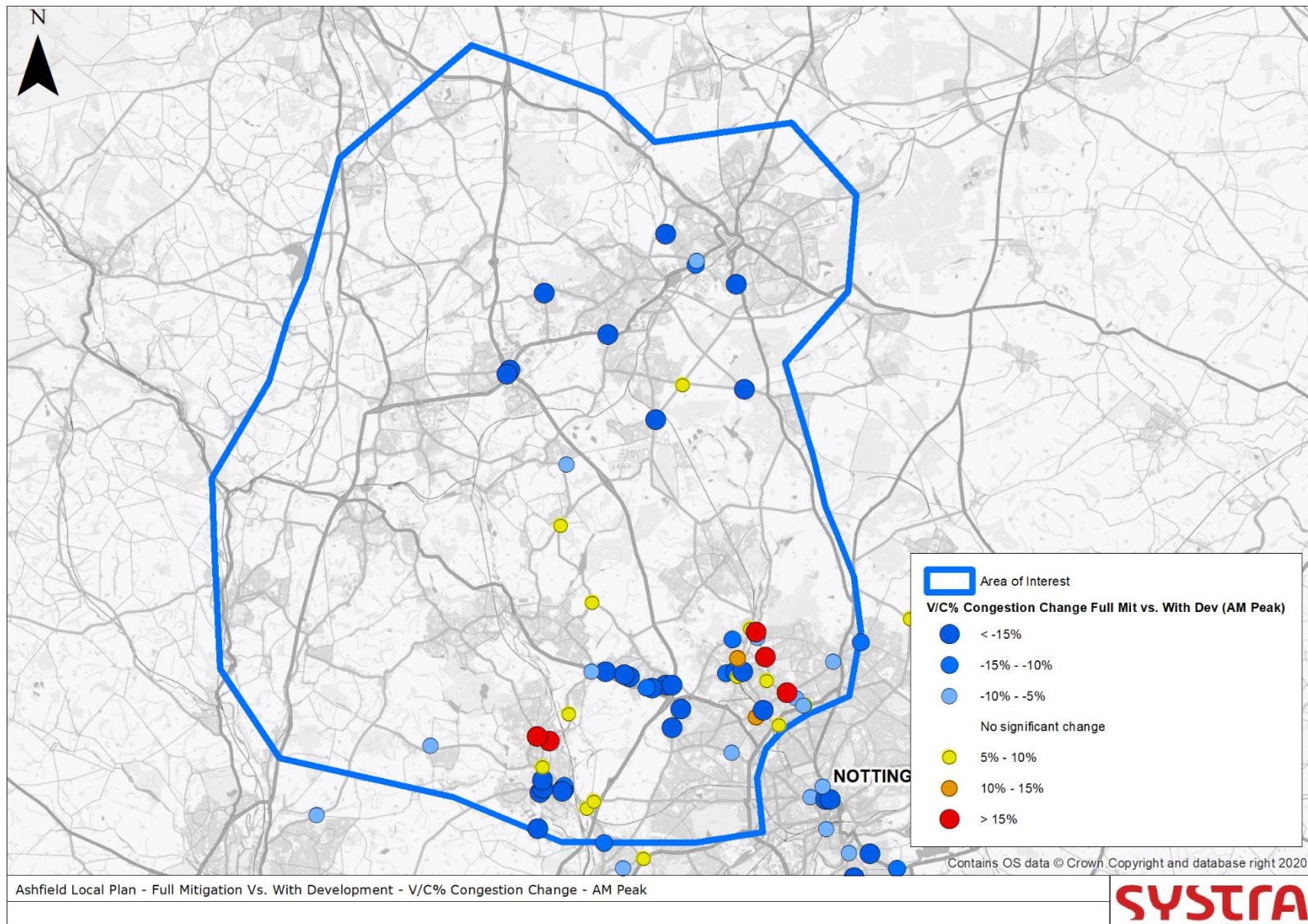
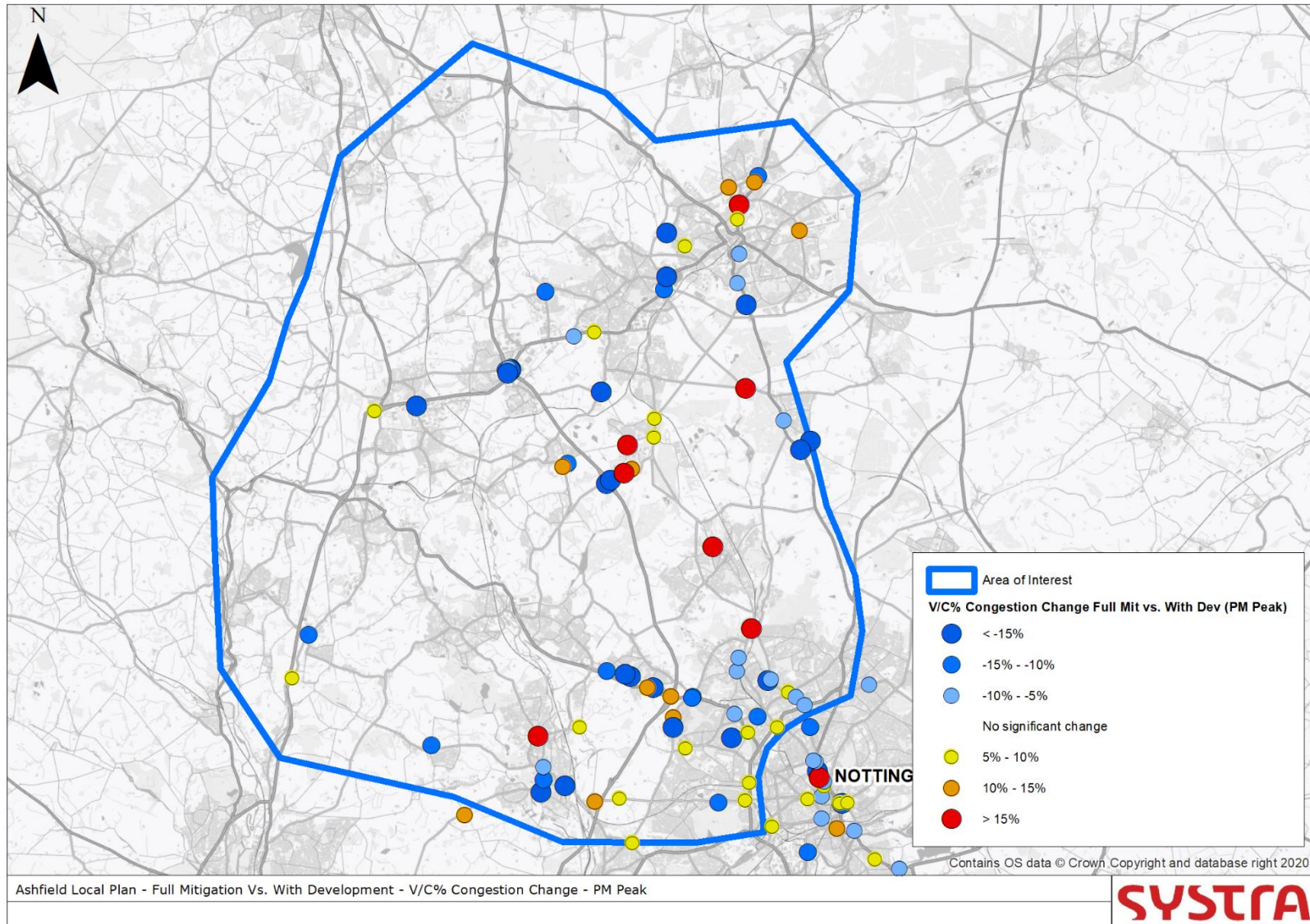


Figure 37. Congestion Change Full Mitigation vs. With Development PM



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SYSTRA