

EREWASH LOCAL PLAN ASSESSMENT

FIGURES DOCUMENT V5.2



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INTRODUCTION

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Figure 1. EMGM Area

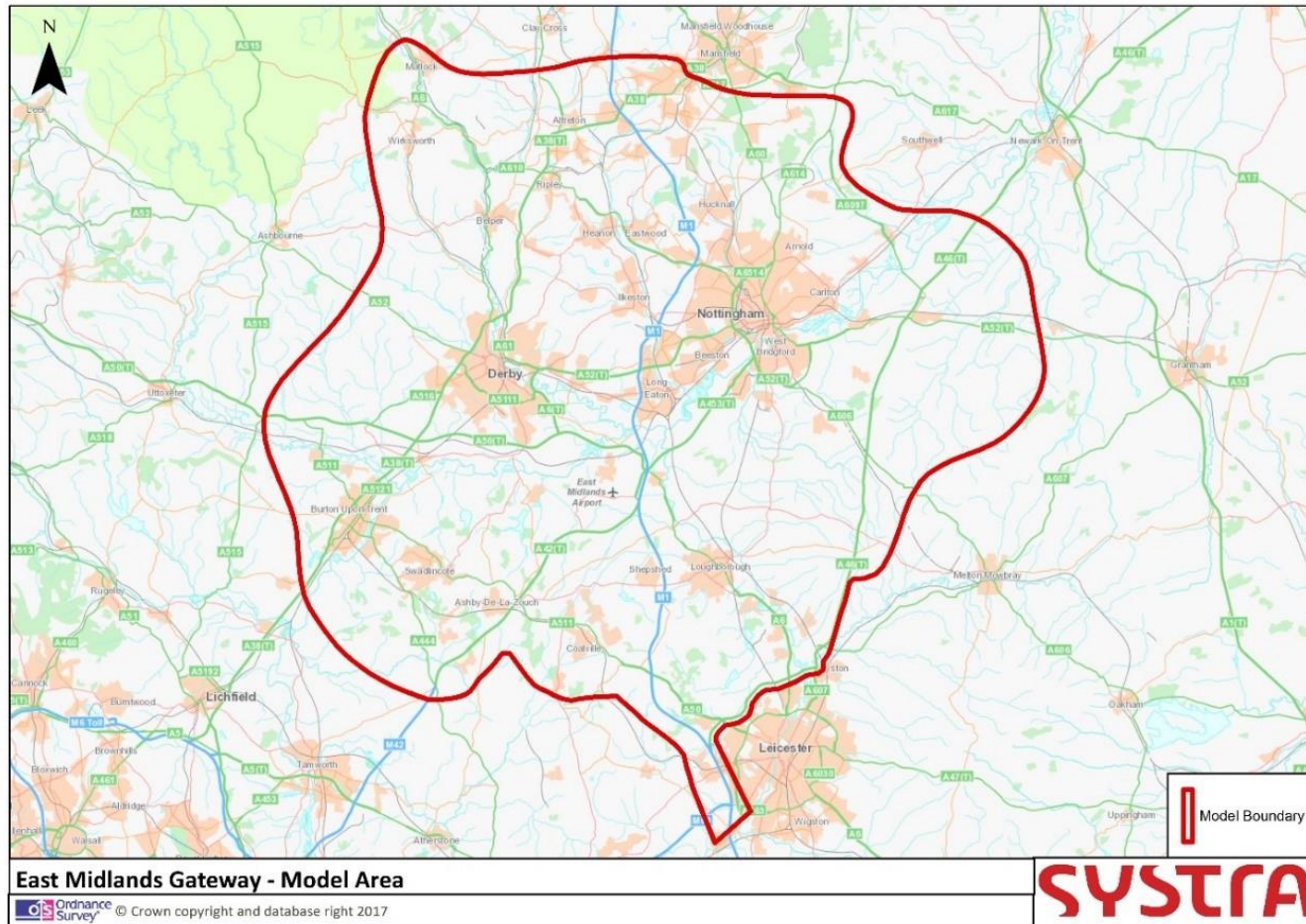
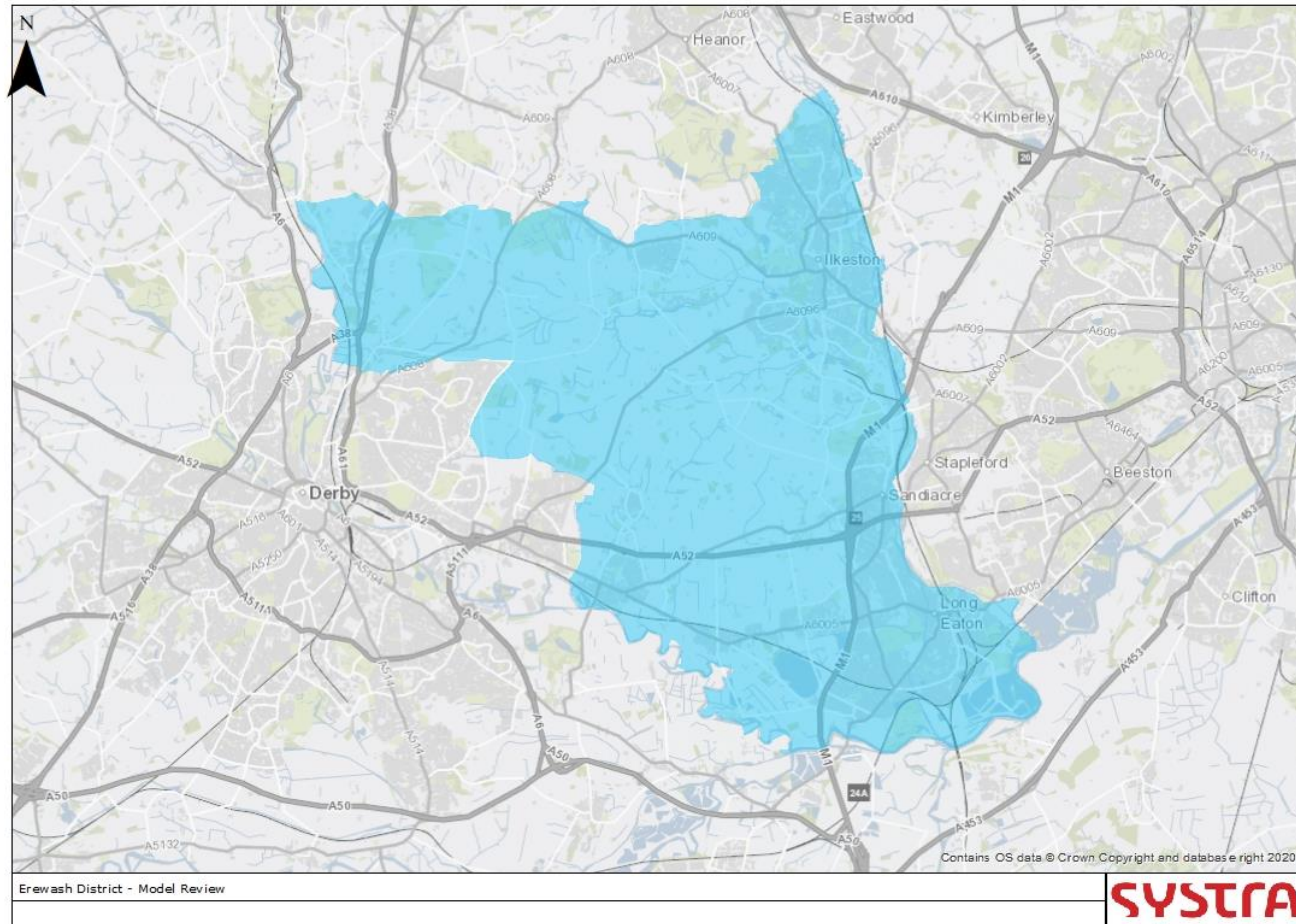


Figure 2. Erewash Borough Boundary



REFERENCE CASE DEVELOPMENT

- Figure 3. 2037 Reference Total Congestion AM
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Figure 3. 2037 Reference Case Total Congestion AM

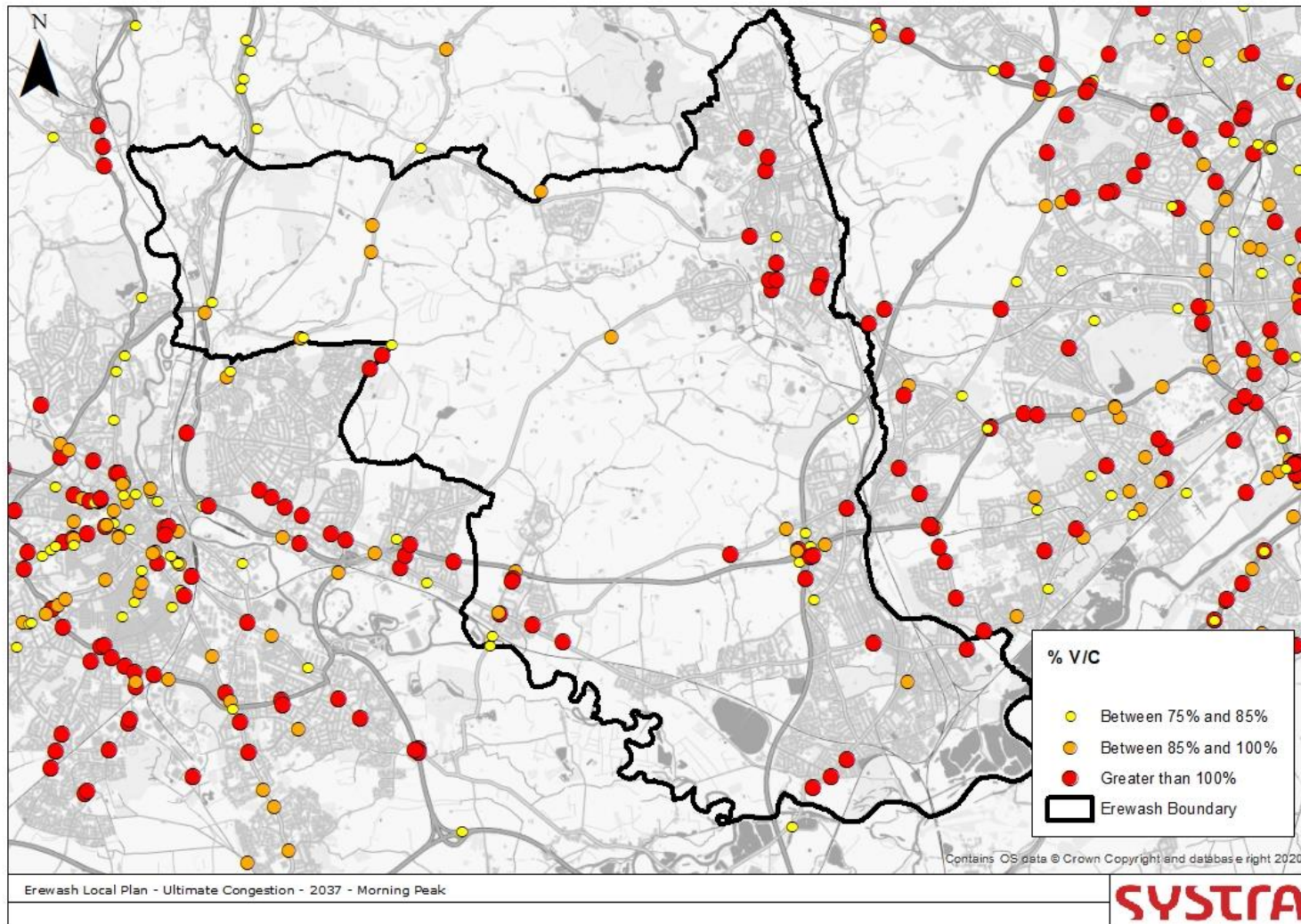
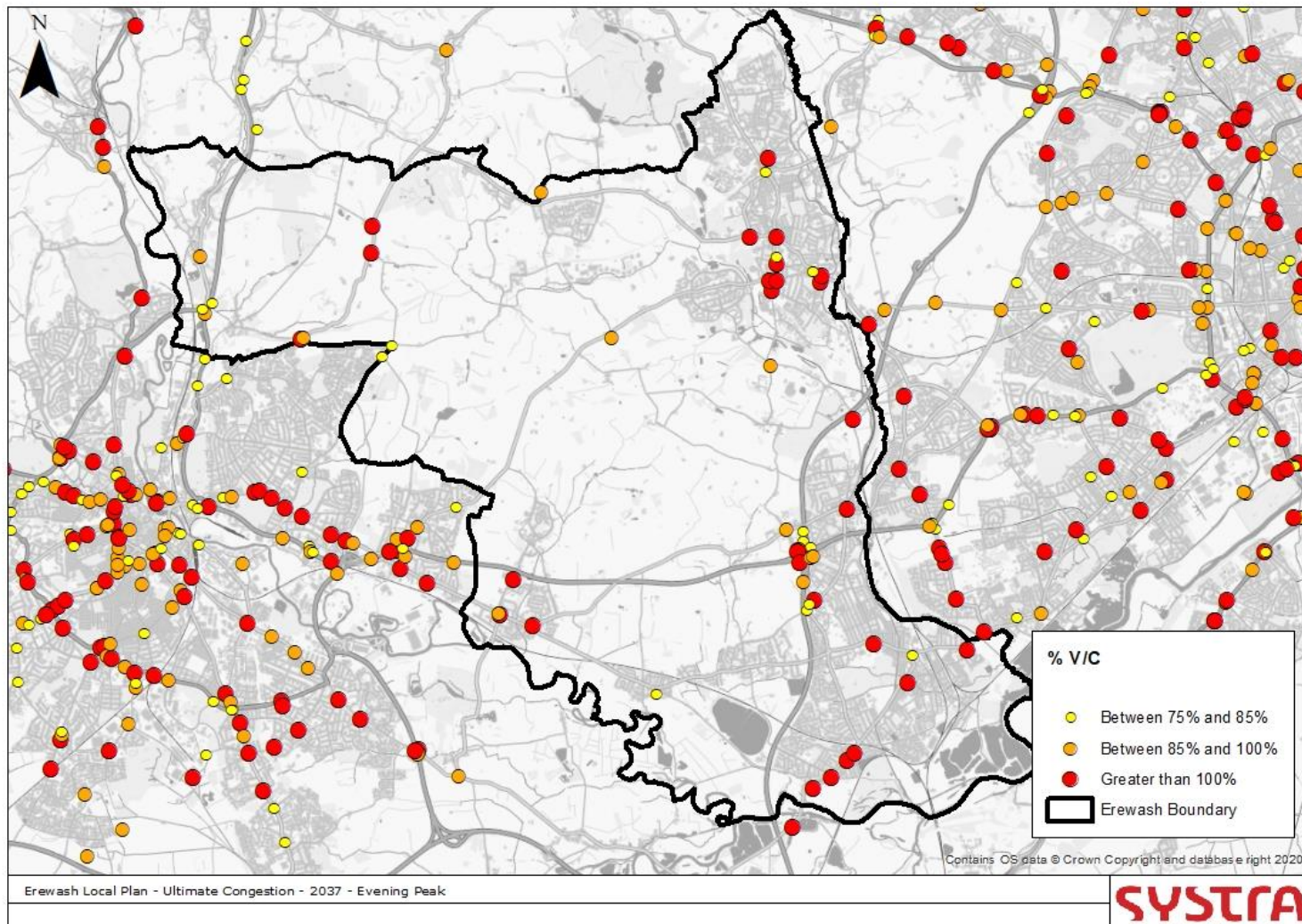


Figure 4. 2037 Reference Case Total Congestion PM



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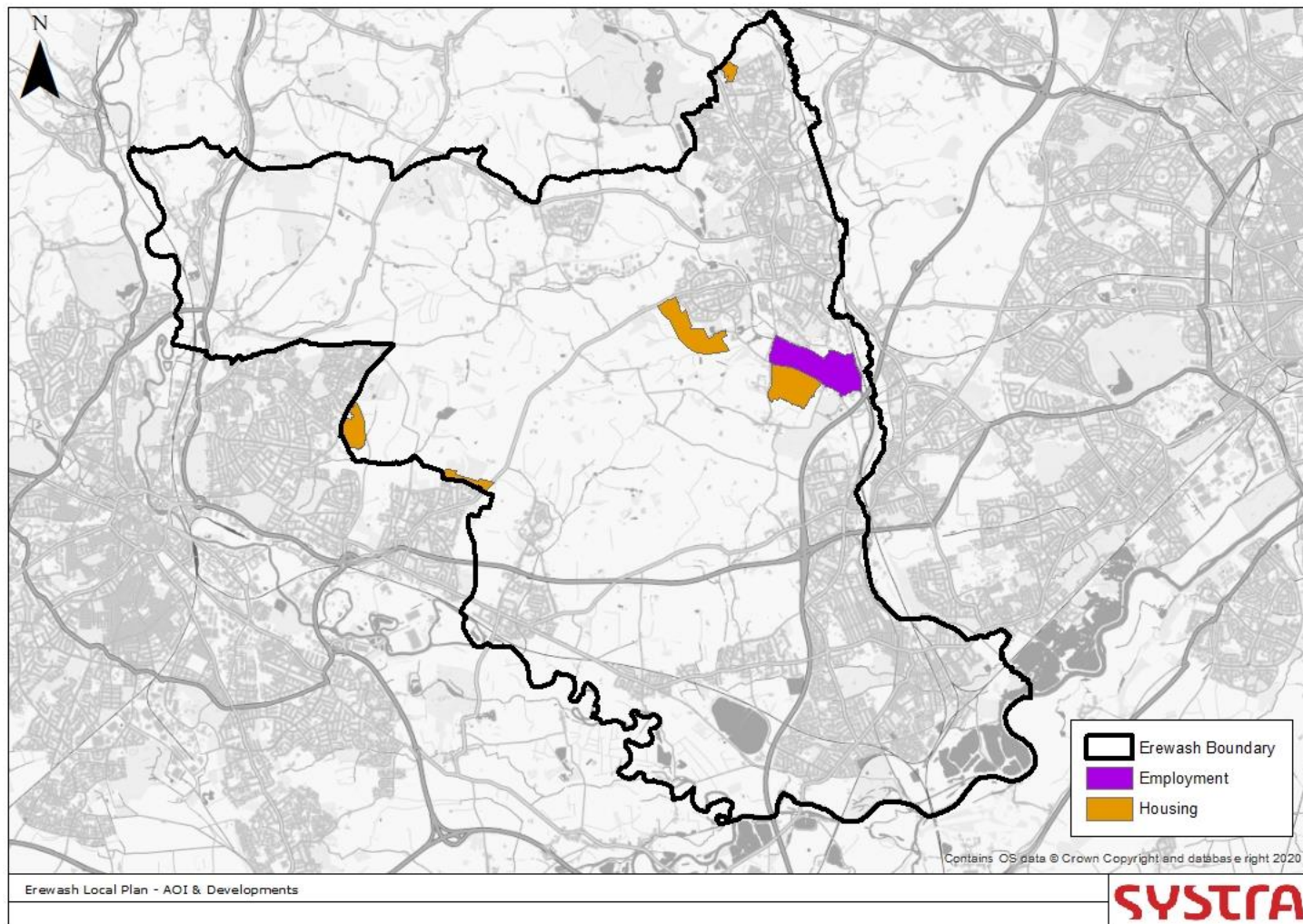


Figure 6. Trip Distribution 2037 AM

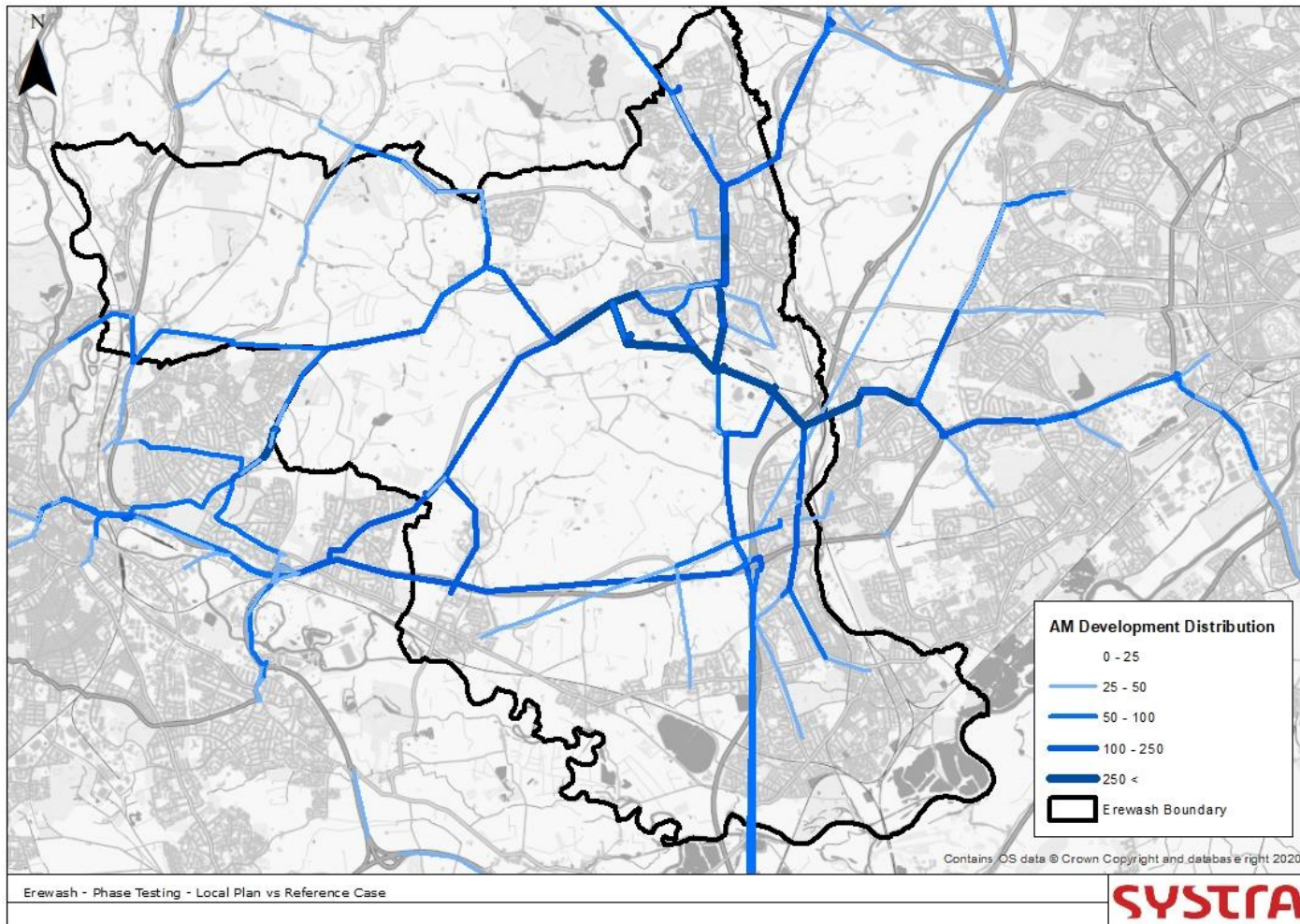


Figure 7. Trip Distribution 2037 PM

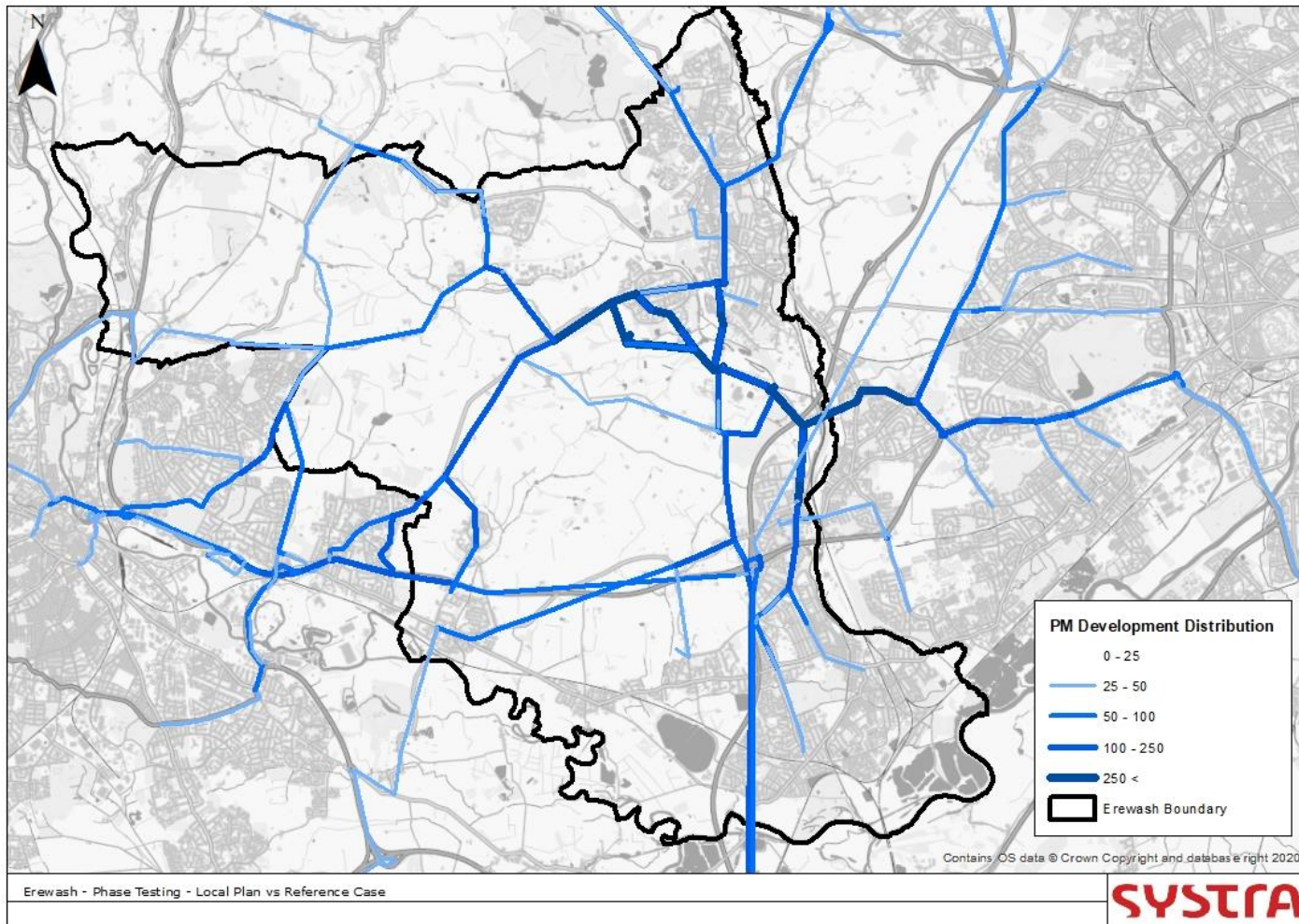


Figure 8. Reassignment Impact 2037 AM

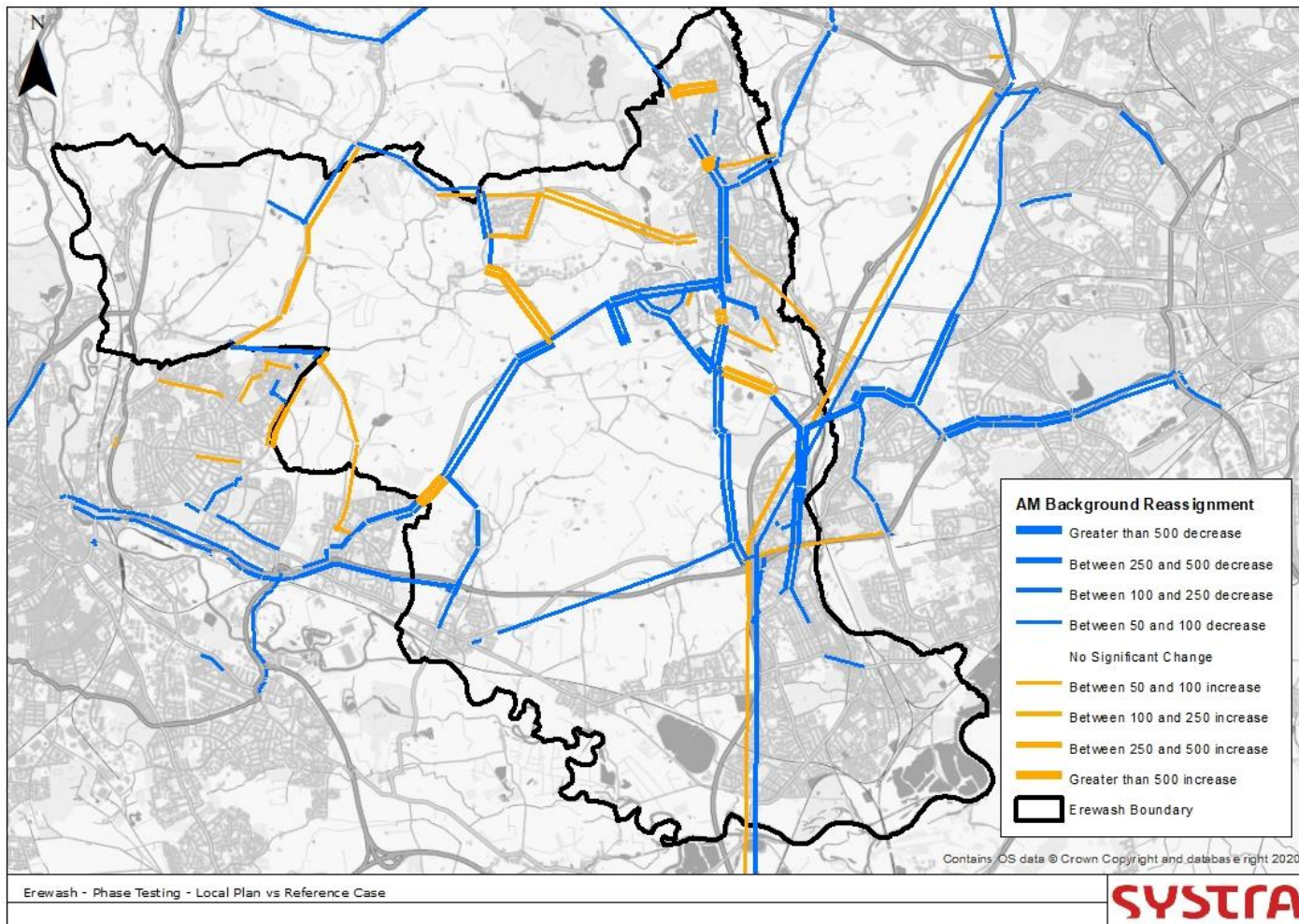


Figure 9. Reassignment Impact 2037 PM

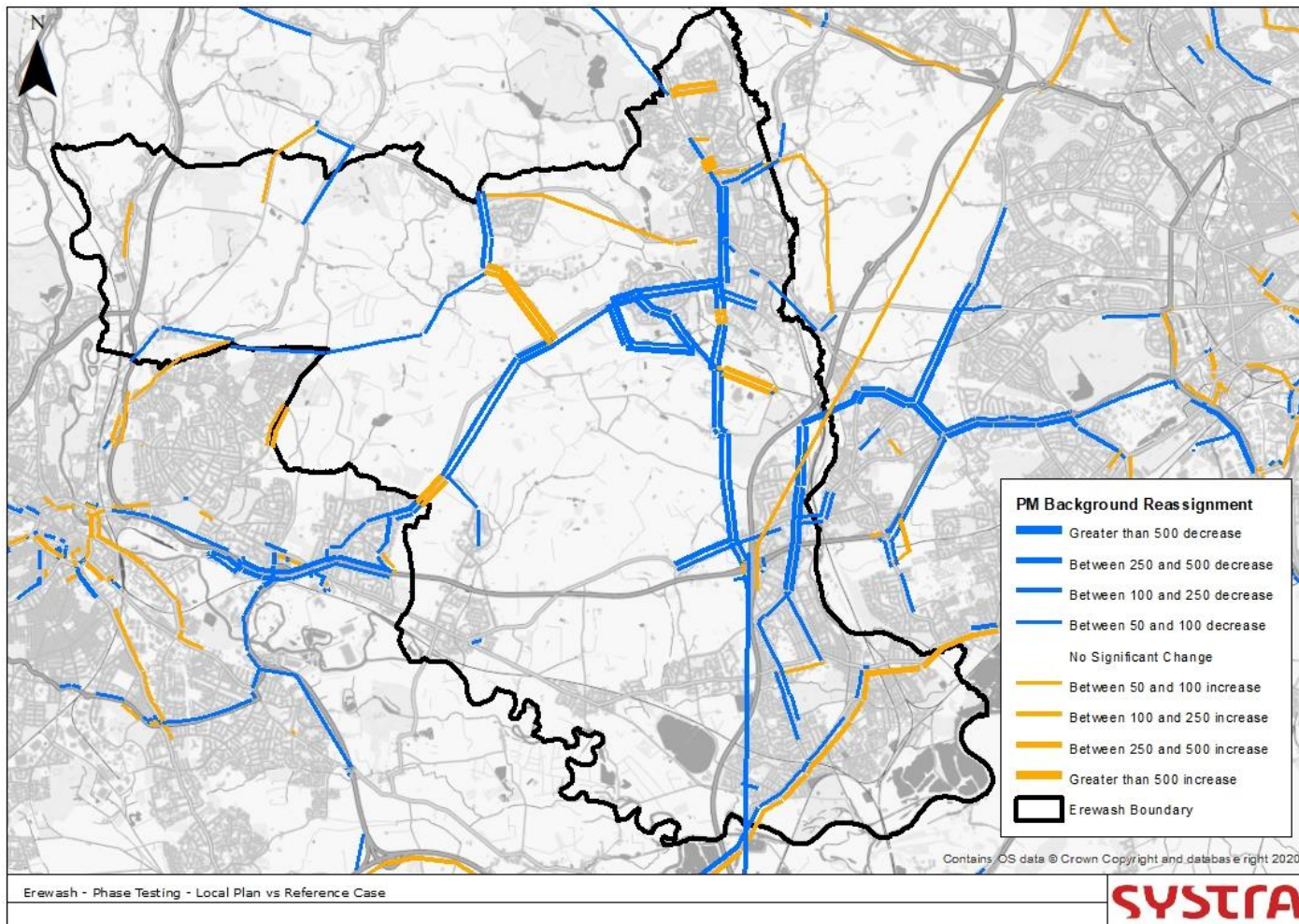


Figure 10. Flow Change 2037 AM

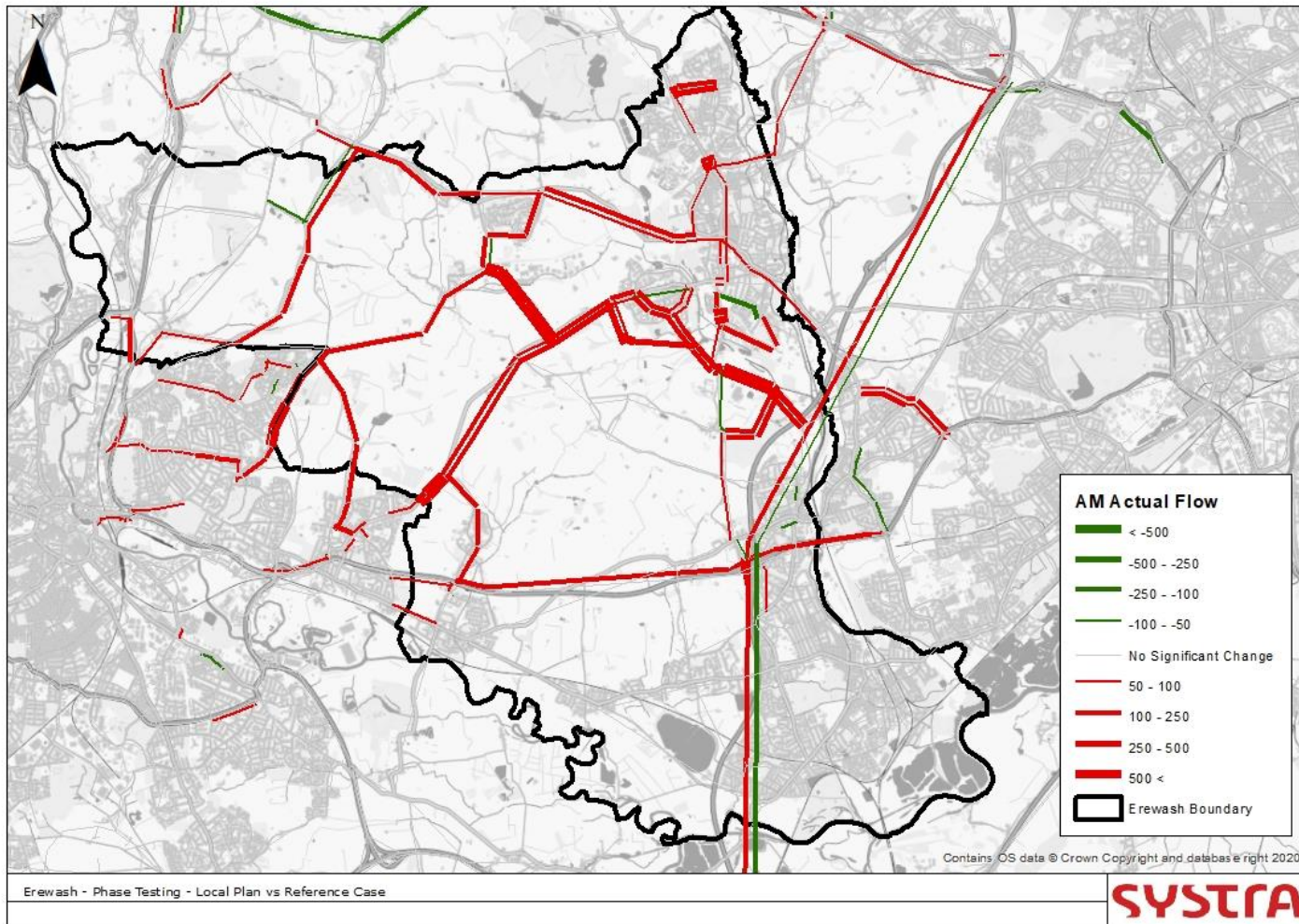


Figure 11. Flow Change 2037 PM

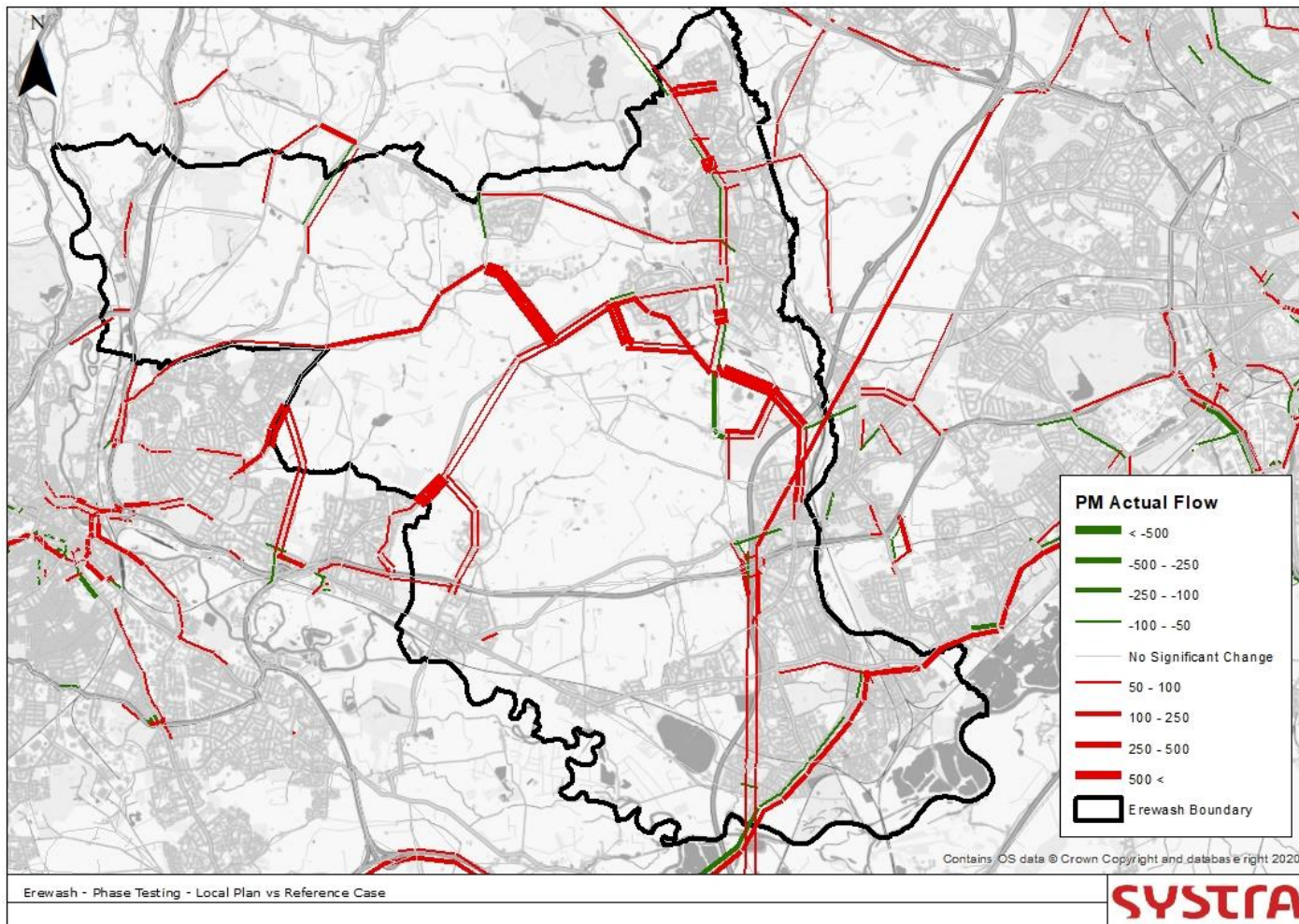


Figure 12. Change in Already Congested Junctions 2037 AM

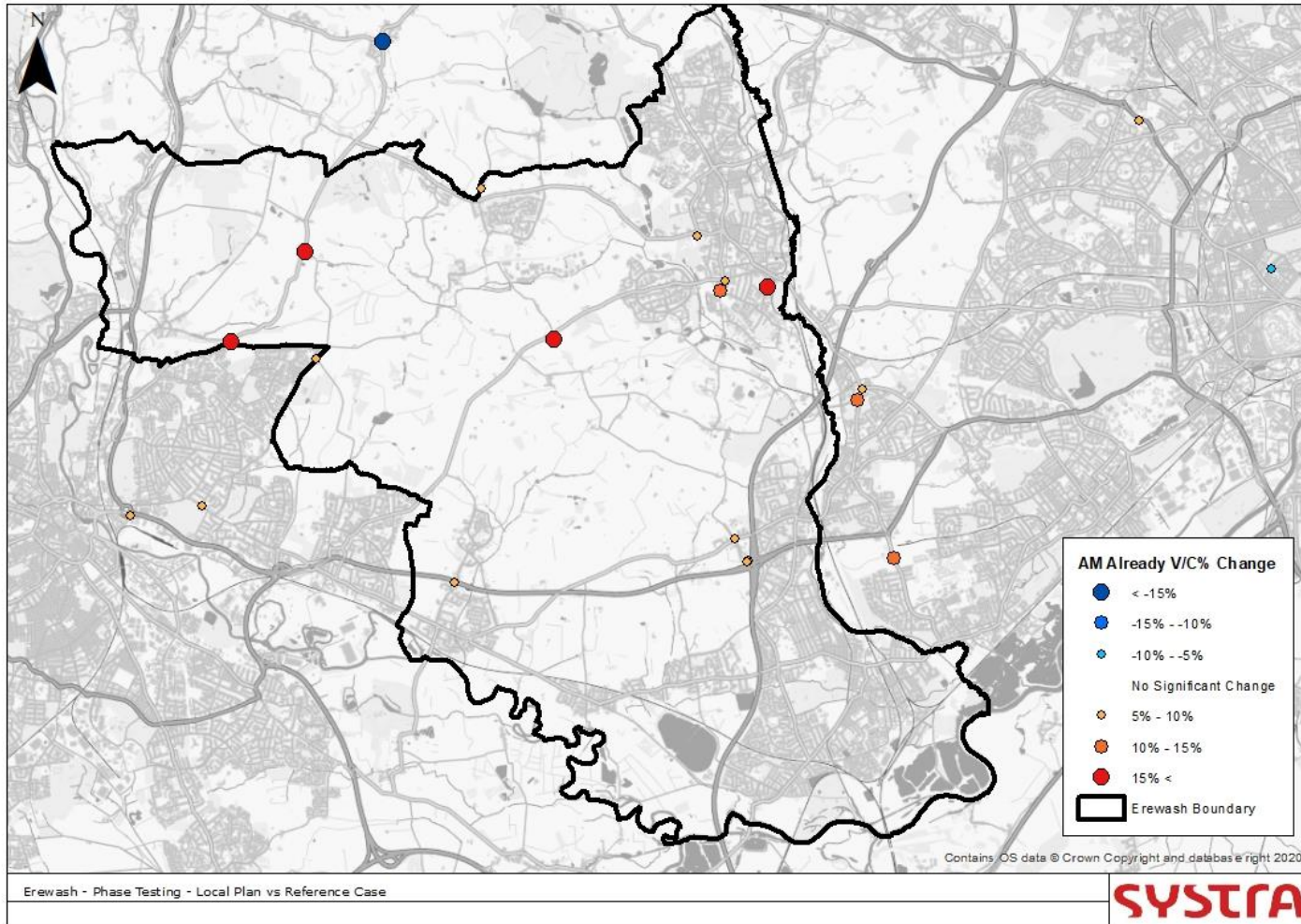


Figure 13. Change in Already Congested Junctions 2037 PM

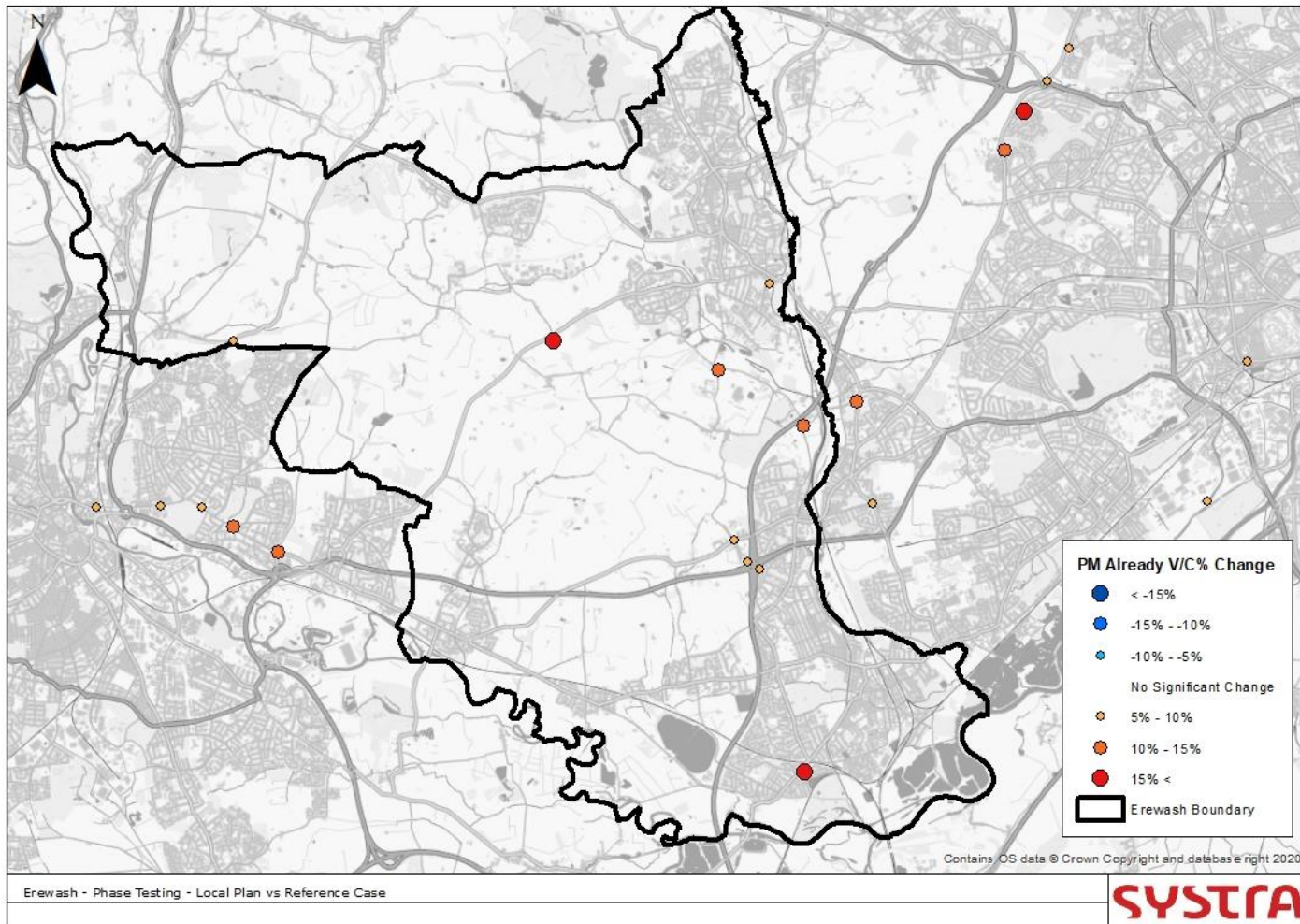


Figure 14. Change in Junctions Pushed over 85% V/C 2037 AM

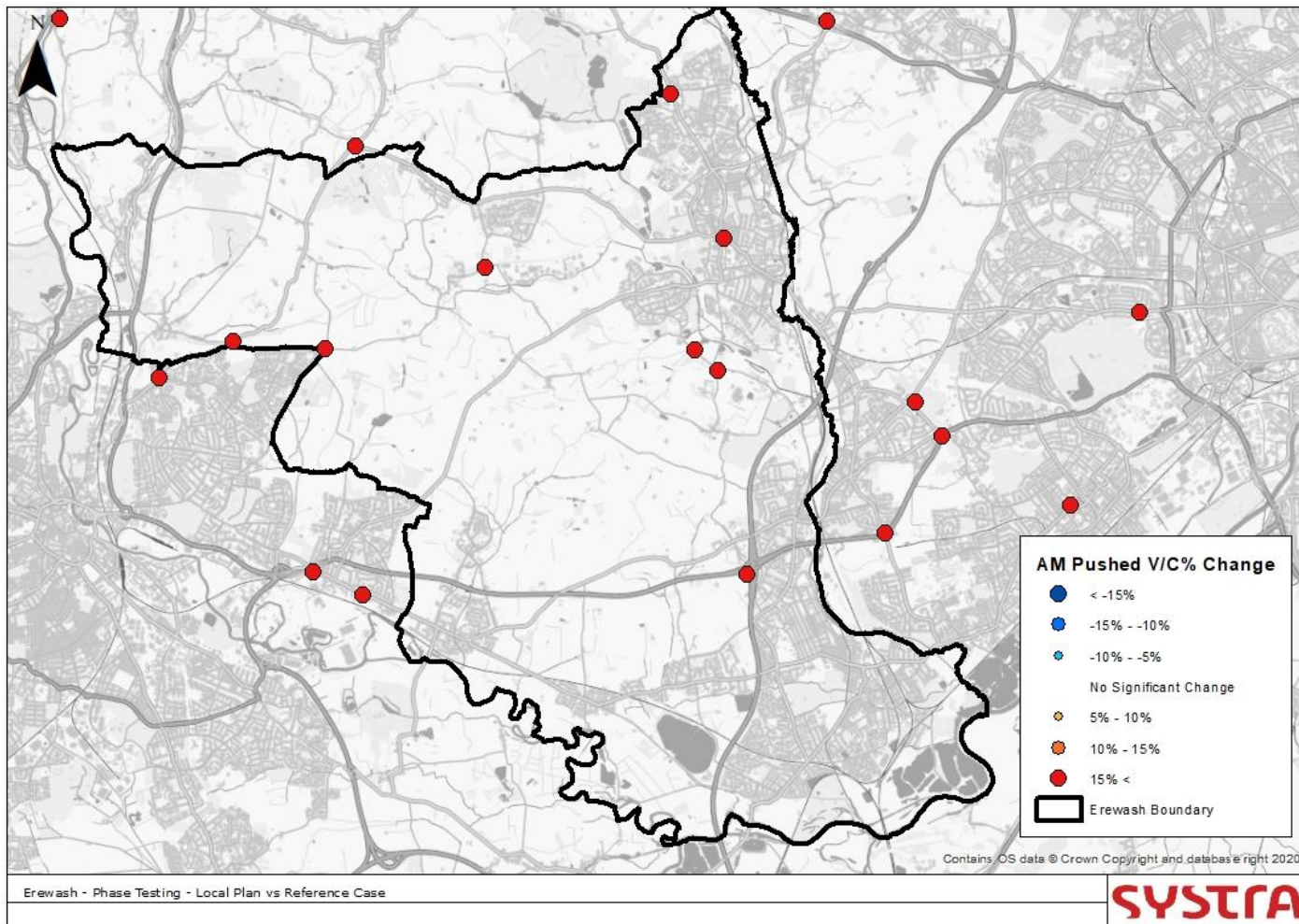


Figure 15. Change in Junctions Pushed over 85% V/C 2037 PM

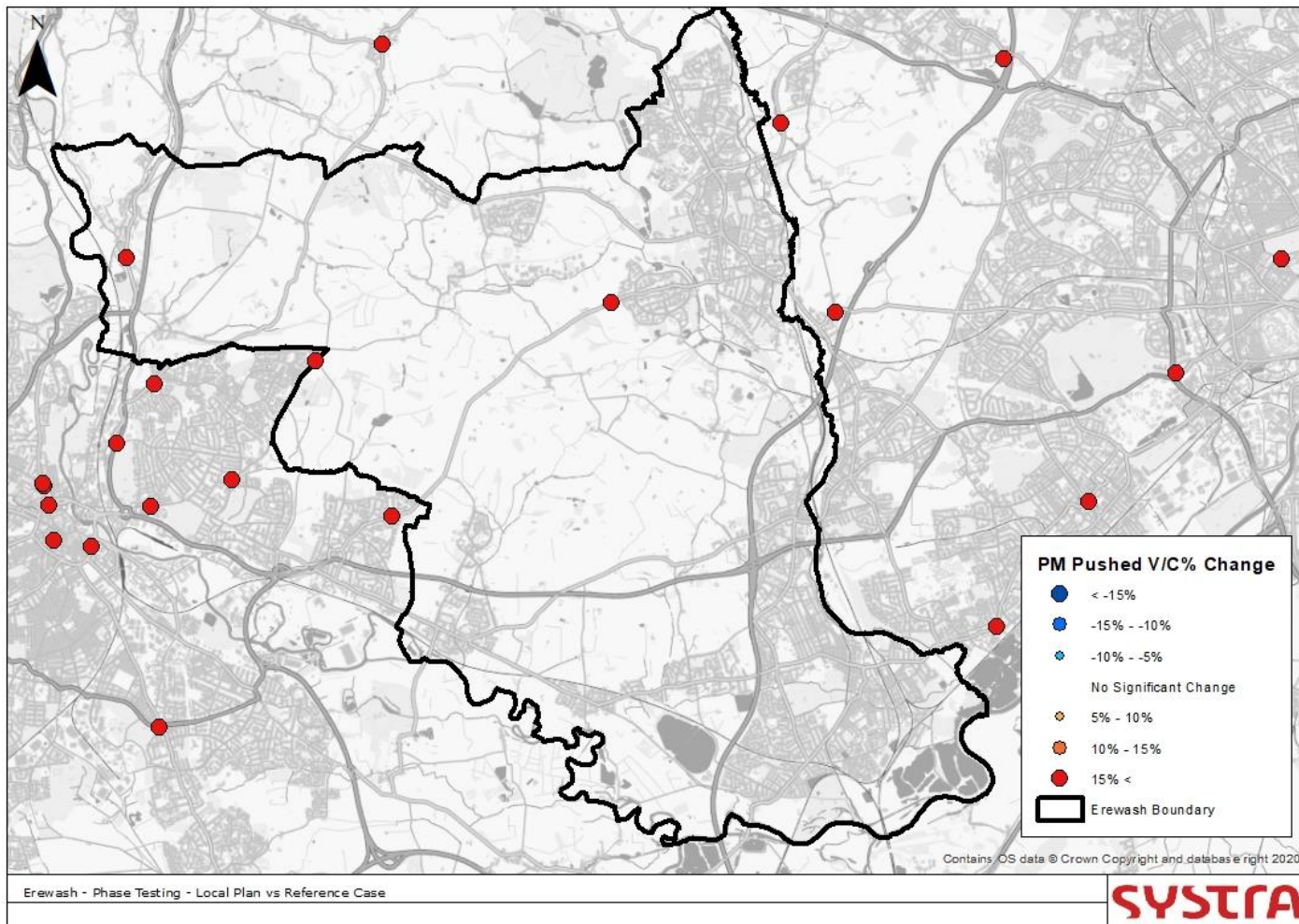


Figure 16. Total Congested Junctions 2037 AM

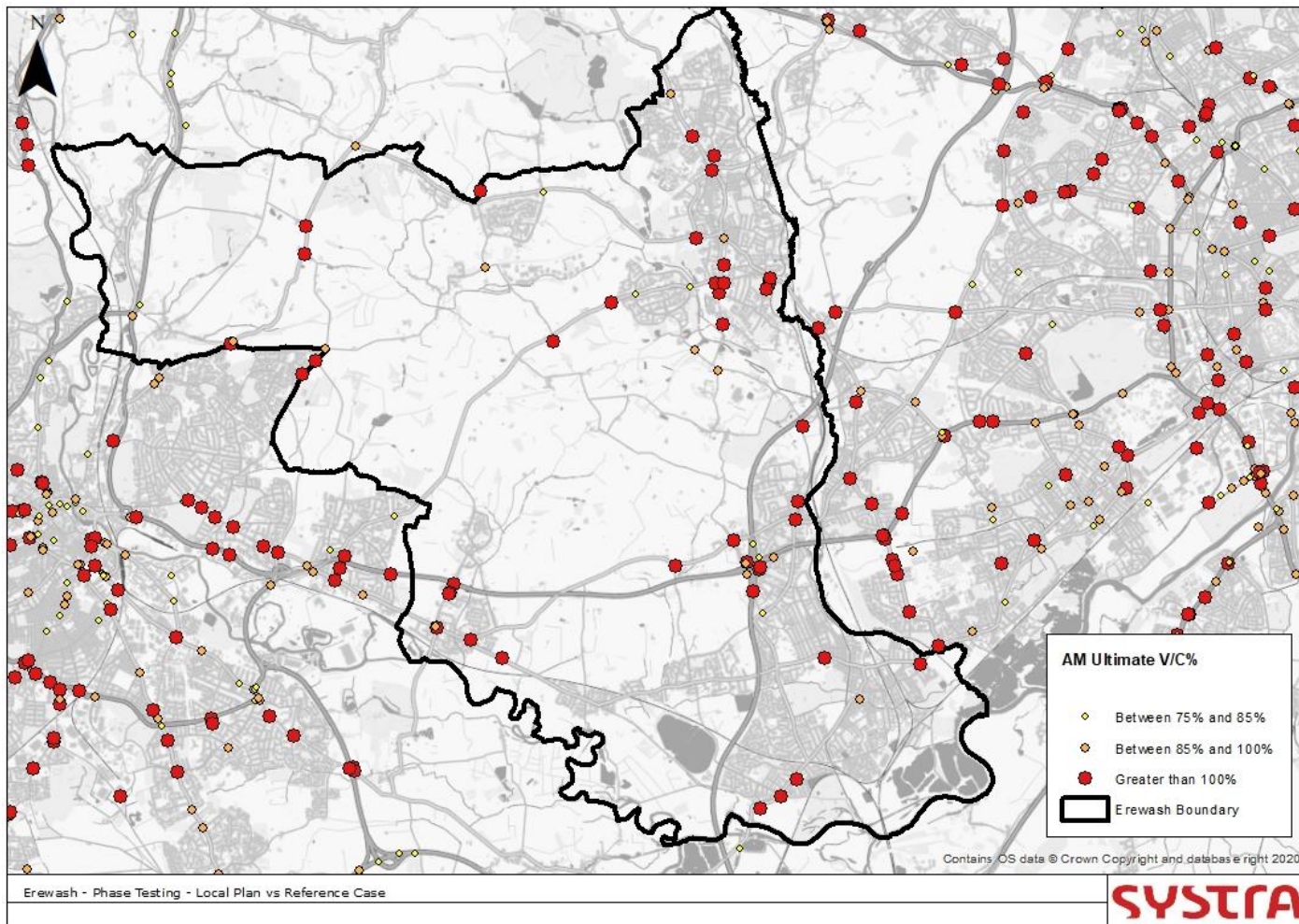
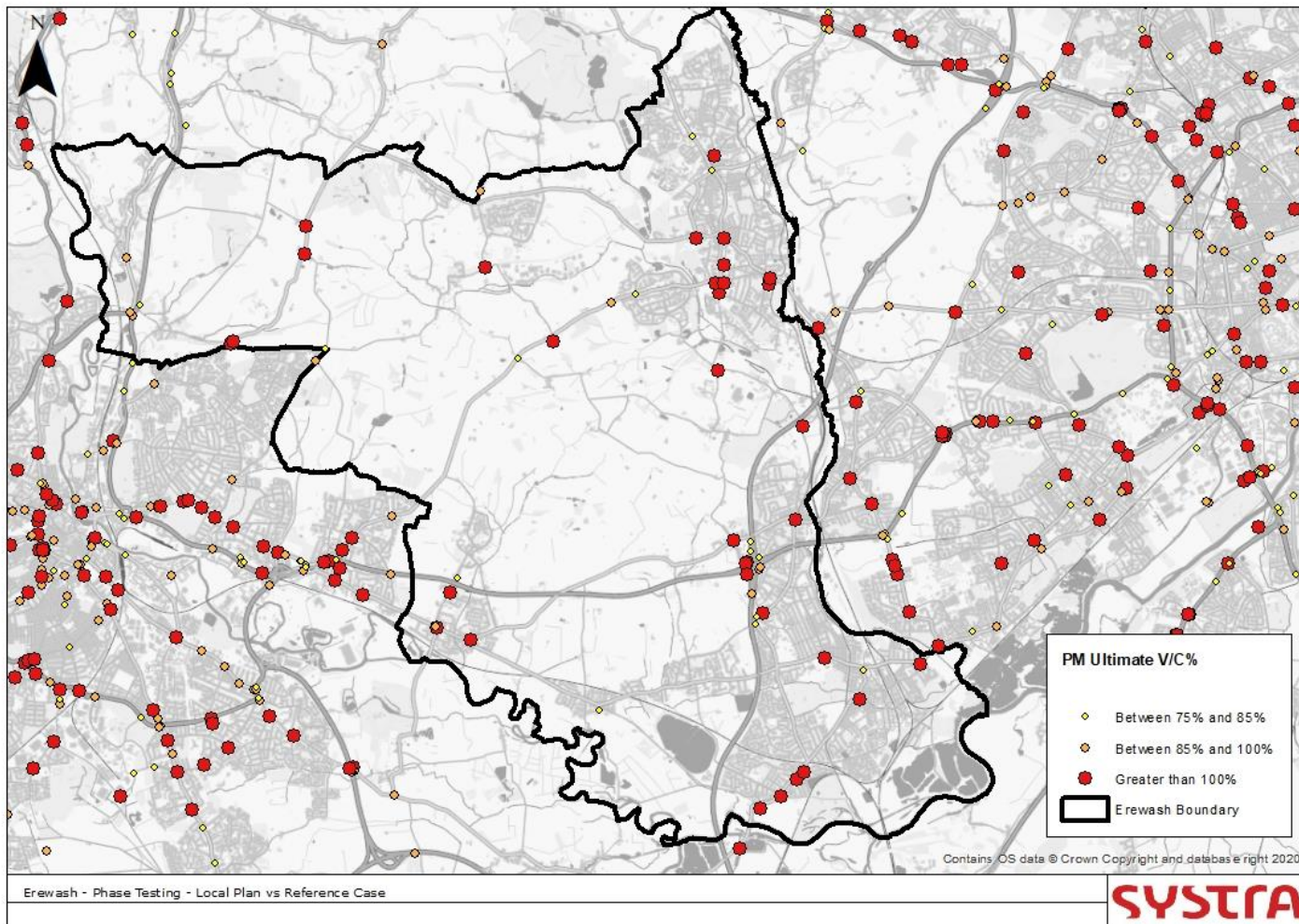


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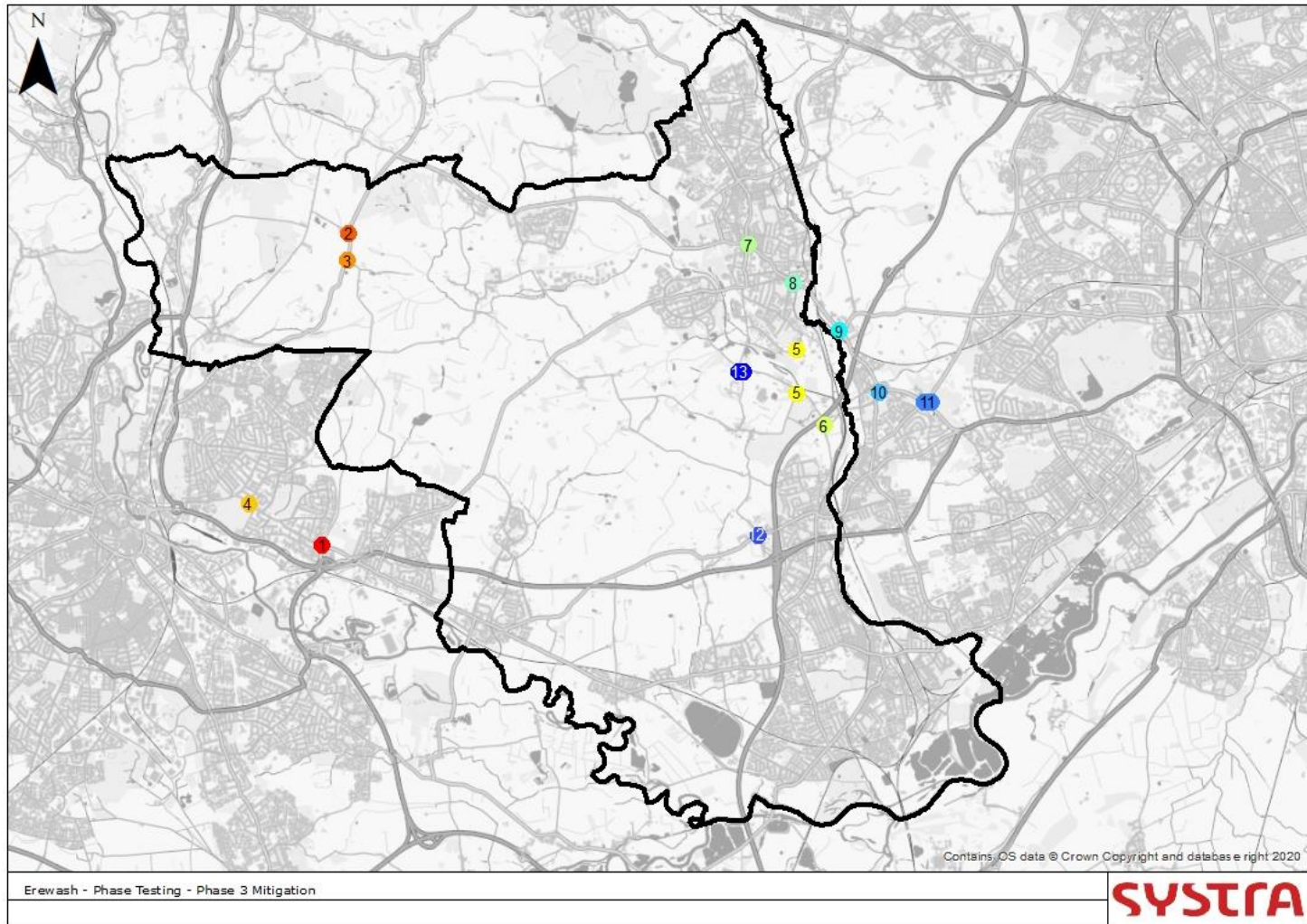


Figure 19. Mitigation Scheme Phase 1 Flow Change vs Local Plan Scenario (AM Peak)

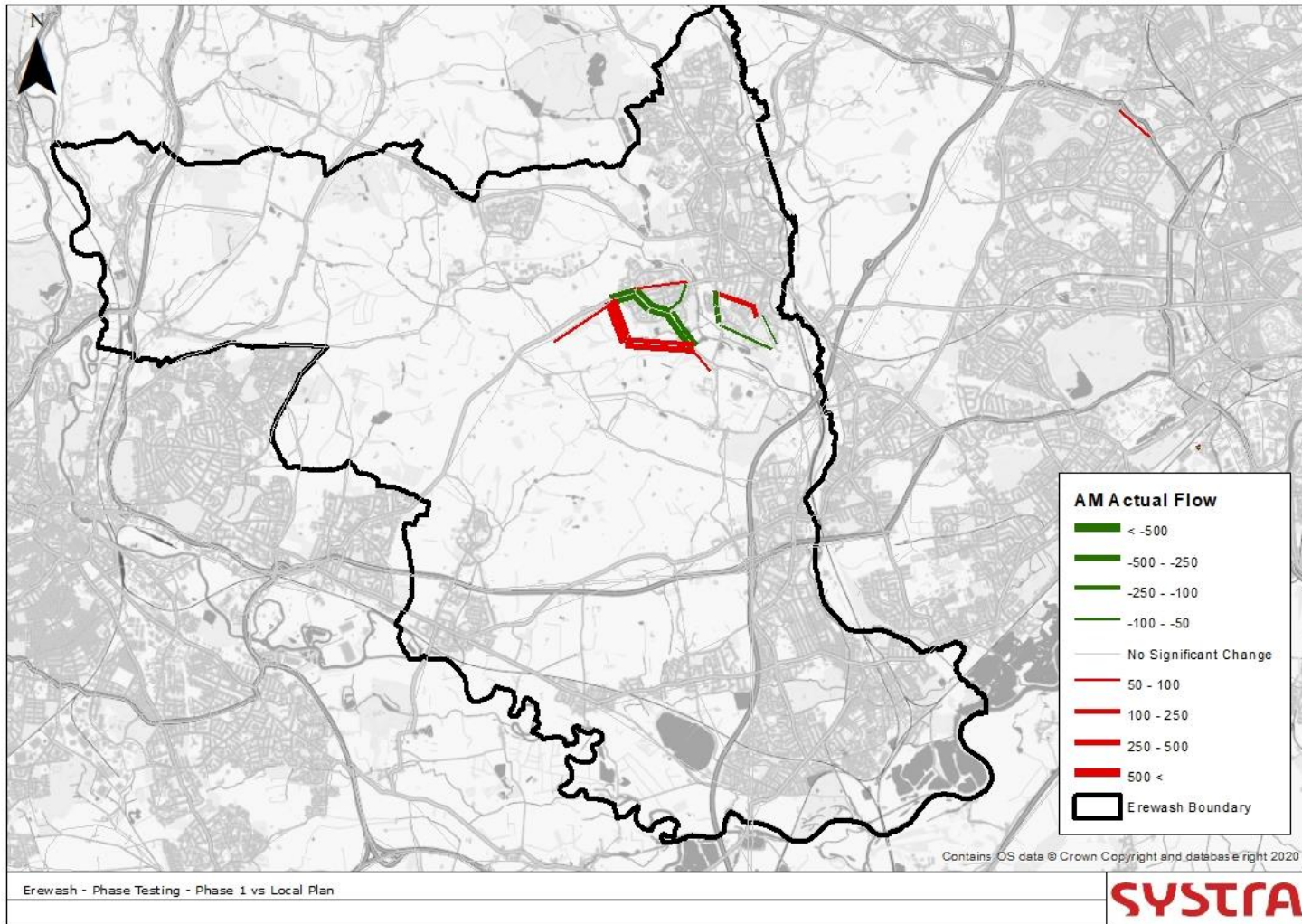


Figure 20. Mitigation Scheme Phase 1 Flow Change Vs Local Plan Scenario (PM Peak)

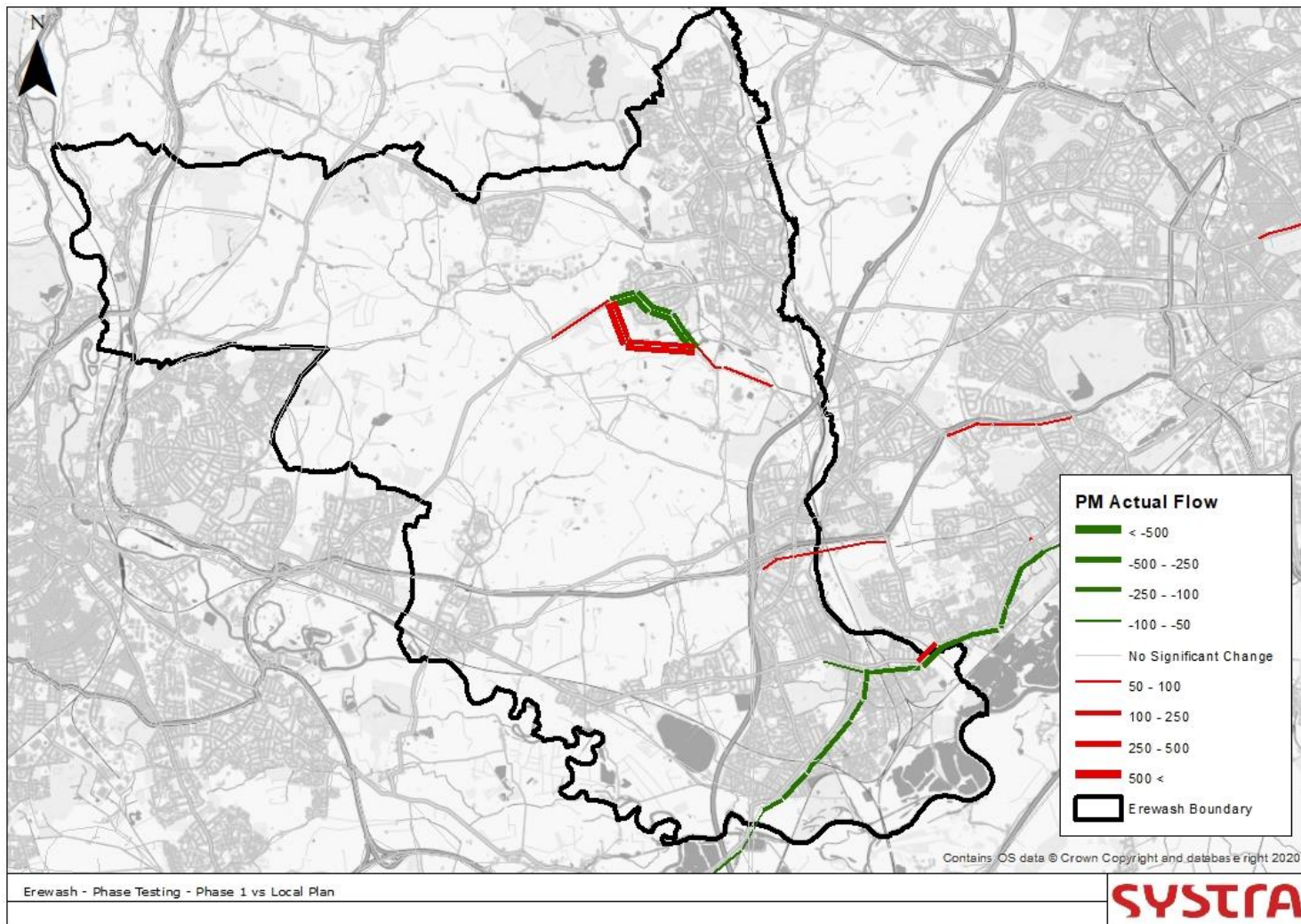


Figure 21. Mitigation Scheme Phase 1 Congestion Change Vs Local Plan Scenario (AM Peak)

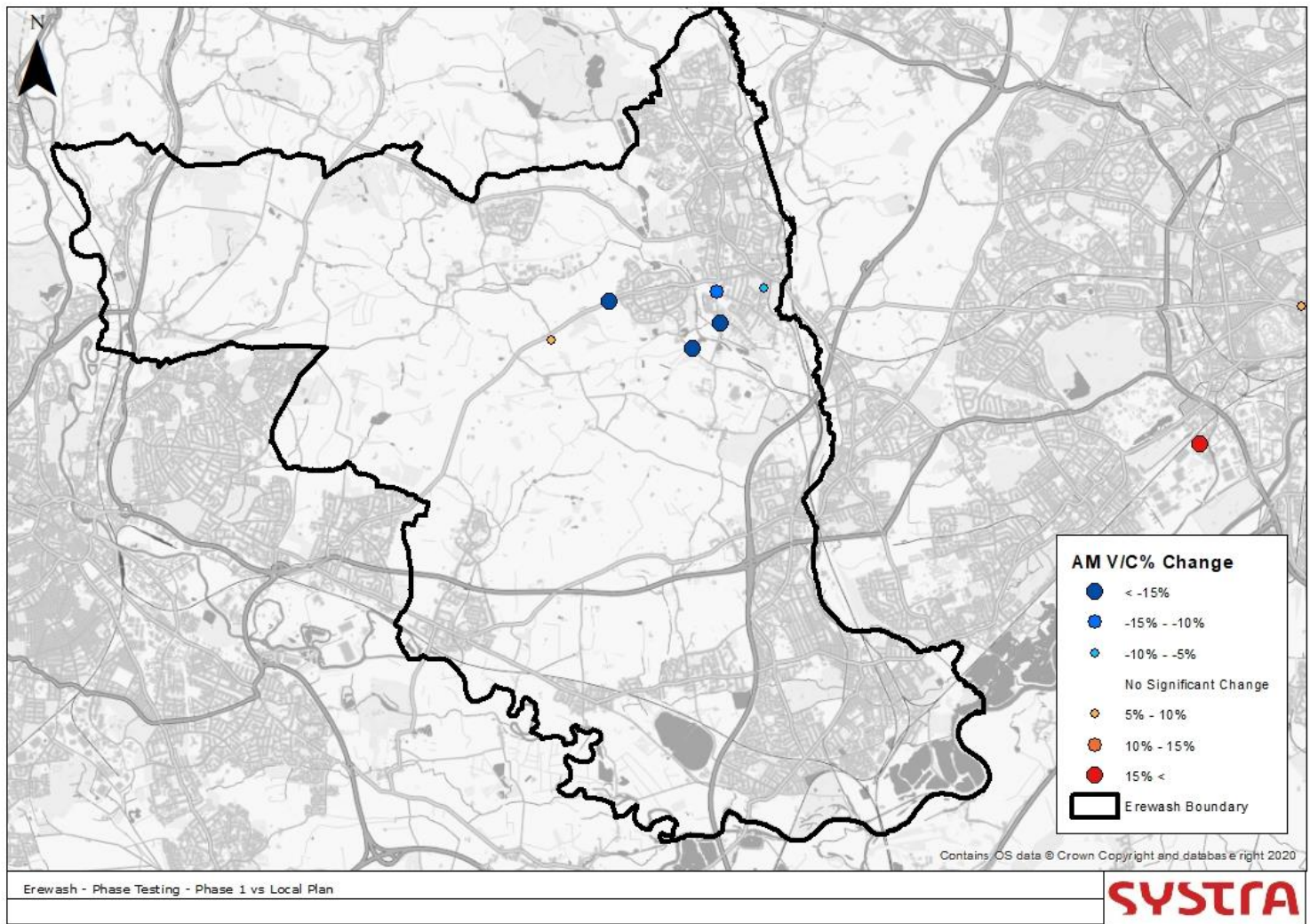


Figure 22. Mitigation Scheme Phase 1 Congestion Change Vs Local Plan Scenario (PM Peak)

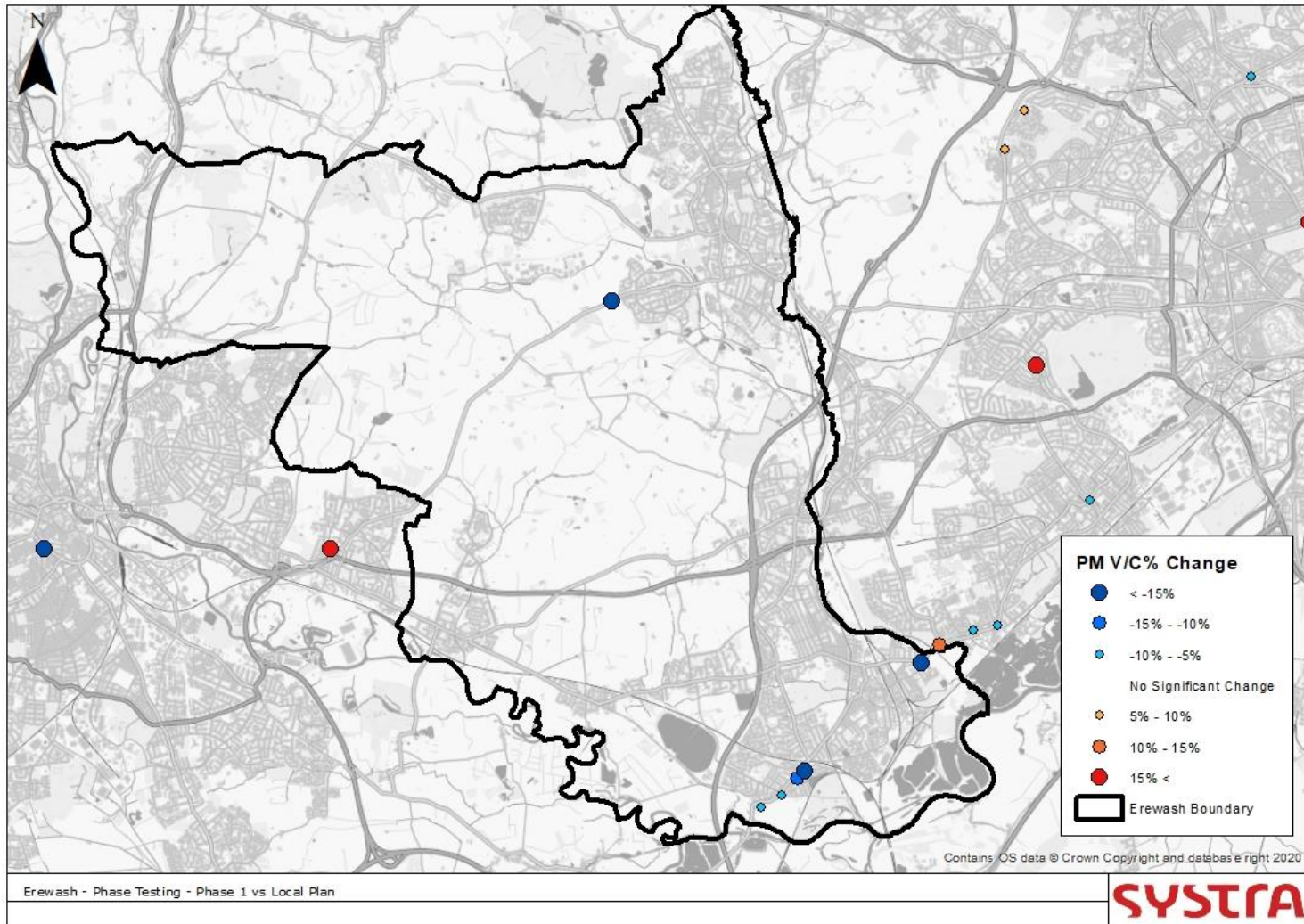


Figure 23. Mitigation Phase 2 Flow Change vs Local Plan Scenario (AM Peak)

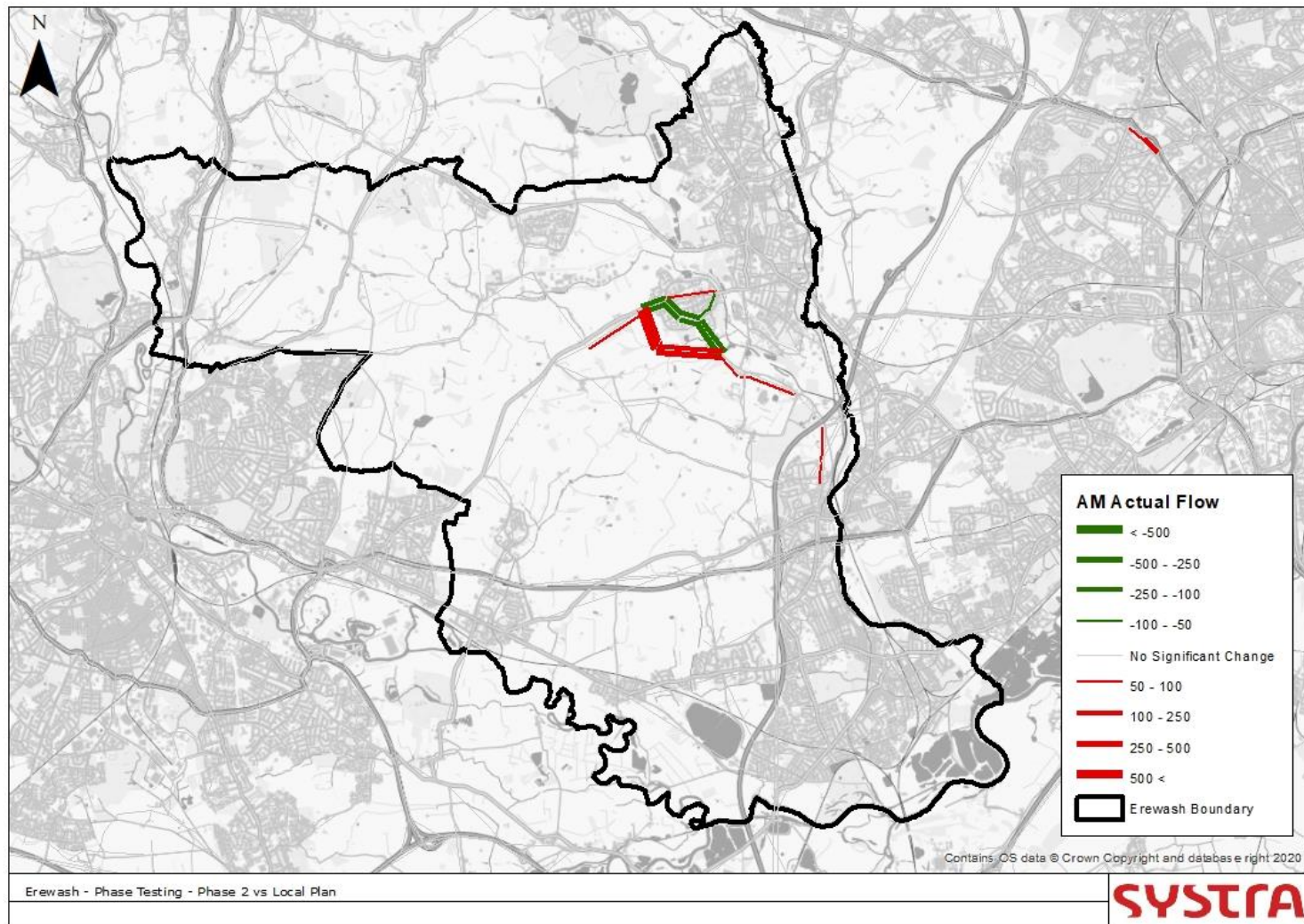


Figure 24. Mitigation Phase 2 Flow Change vs Local Plan Scenario (PM Peak)

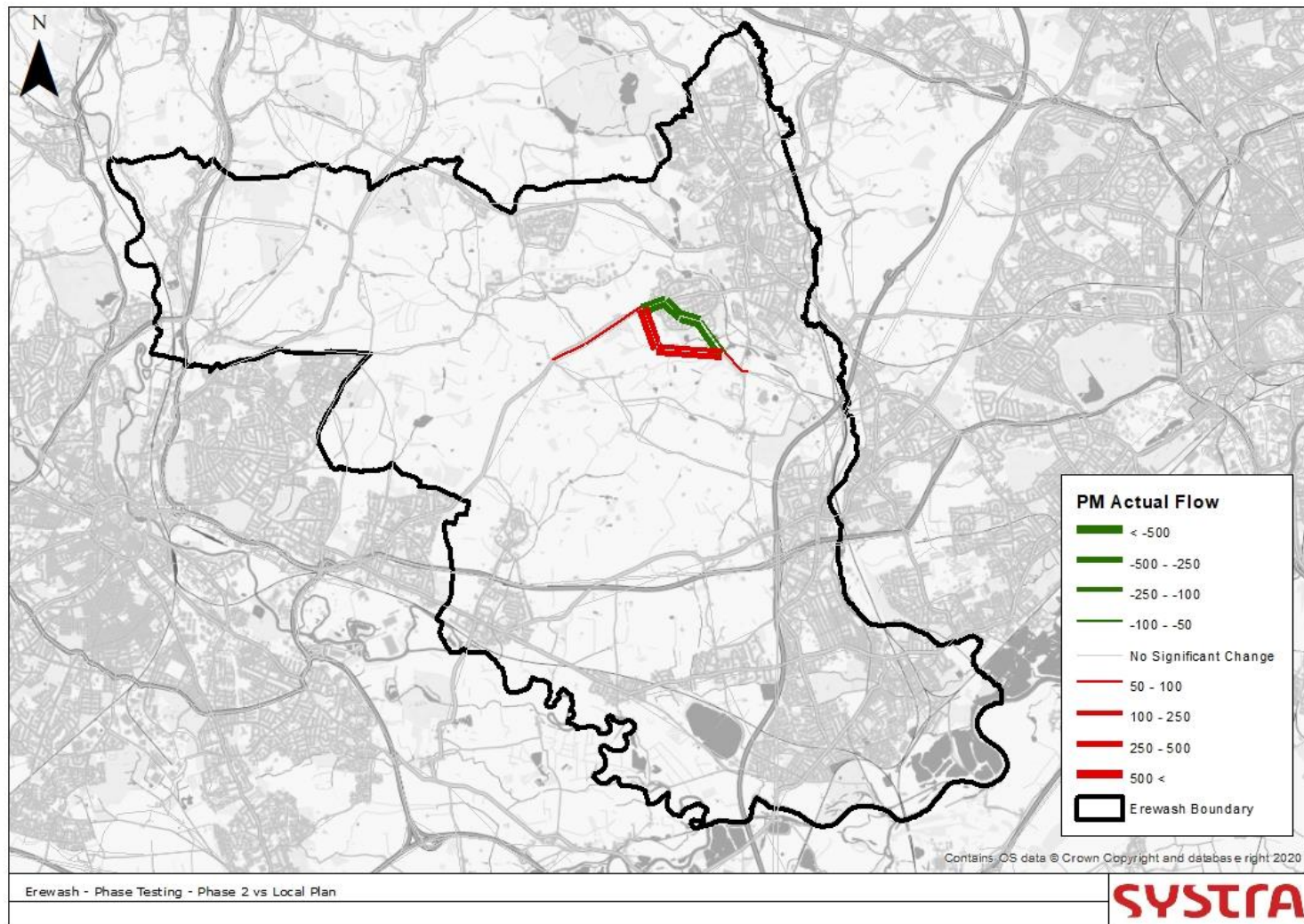


Figure 25. Mitigation Scheme Phase 2 Congestion Change Vs Local Plan Scenario (AM Peak)

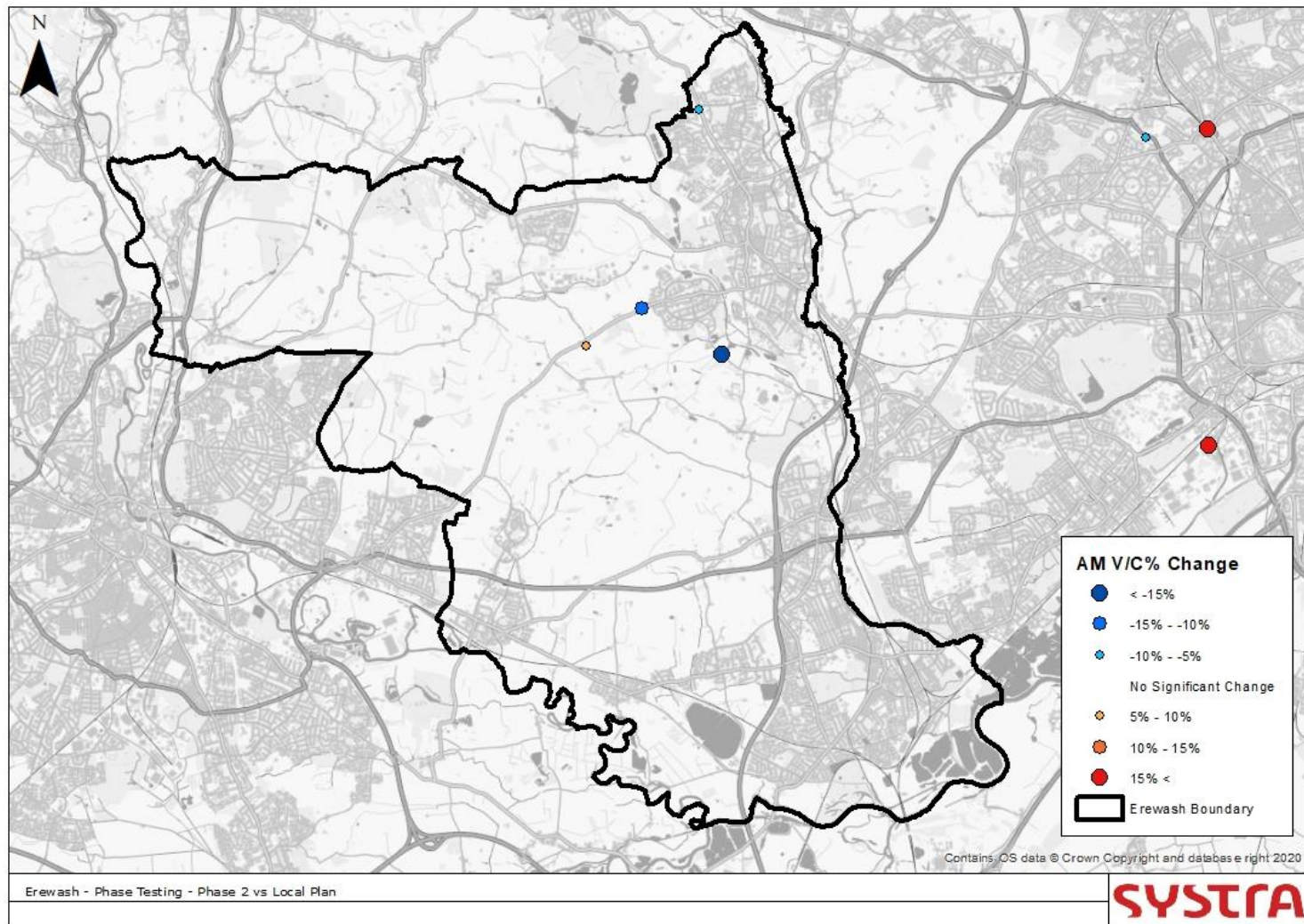


Figure 26. Mitigation Scheme Phase 2 Congestion Change Vs Local Plan Scenario (PM Peak)

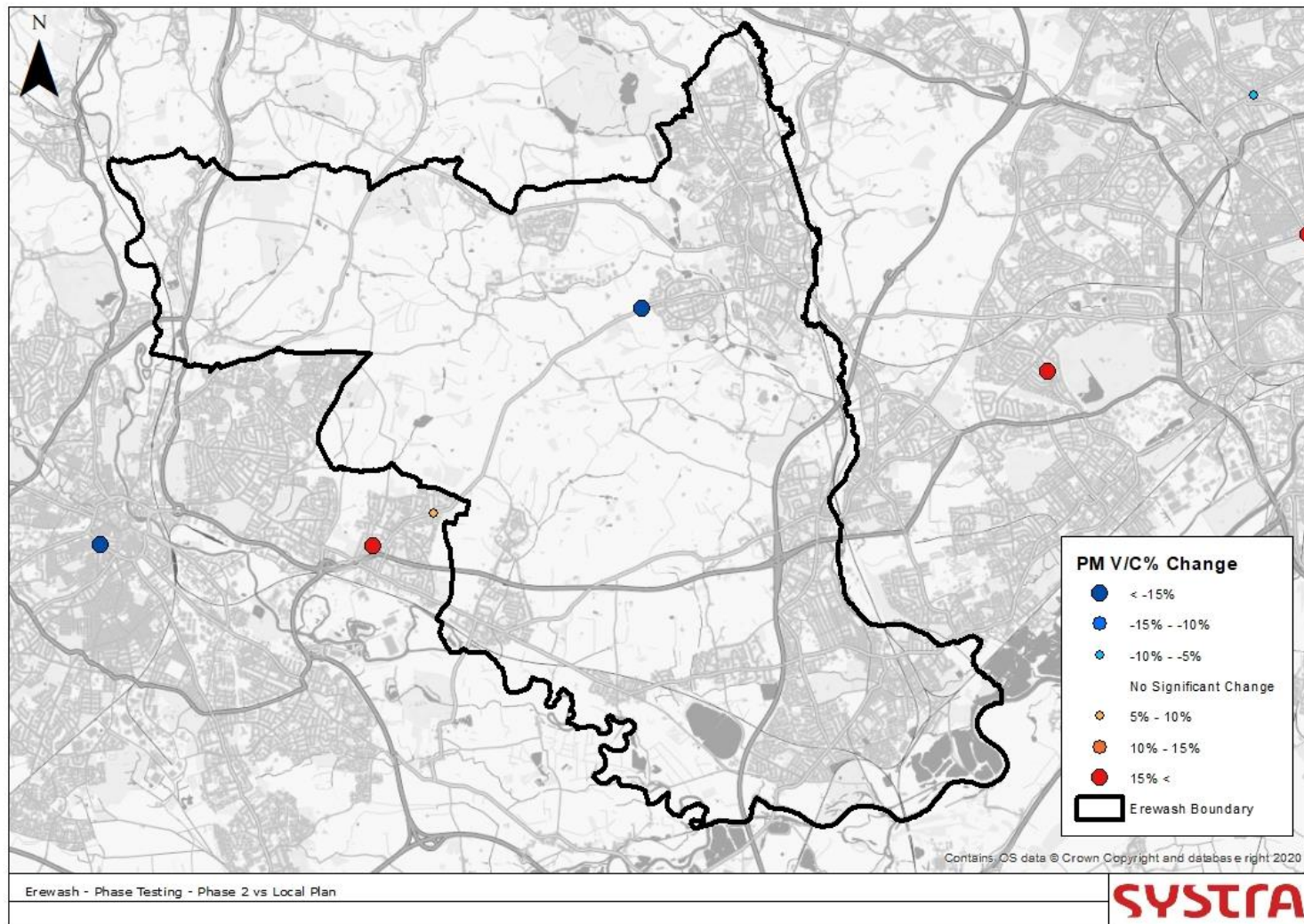


Figure 27. Mitigation Phase 3 Flow Change vs Local Plan Scenario (AM Peak)

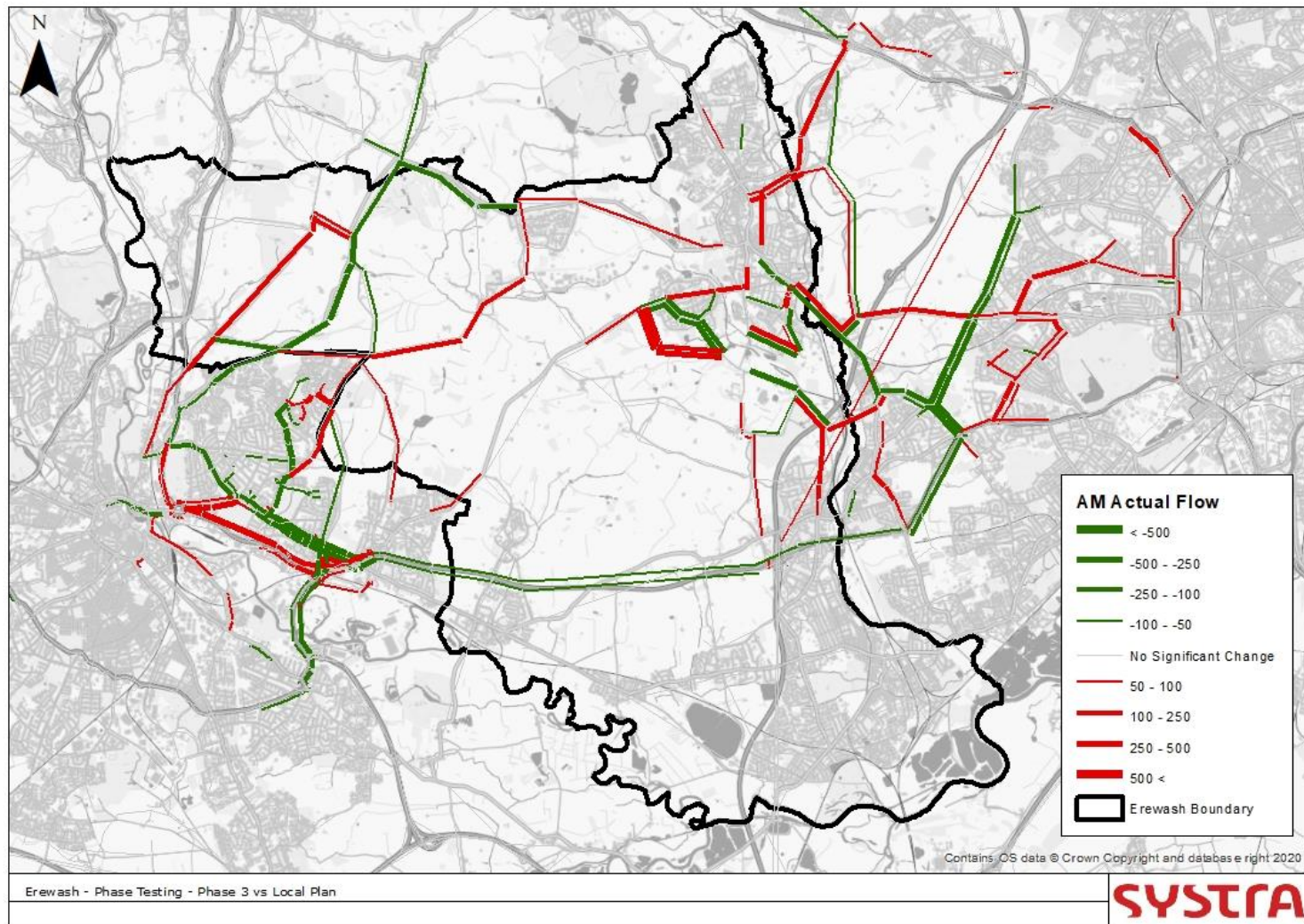


Figure 28. Mitigation Phase 3 Flow Change vs Local Plan Scenario (PM Peak)

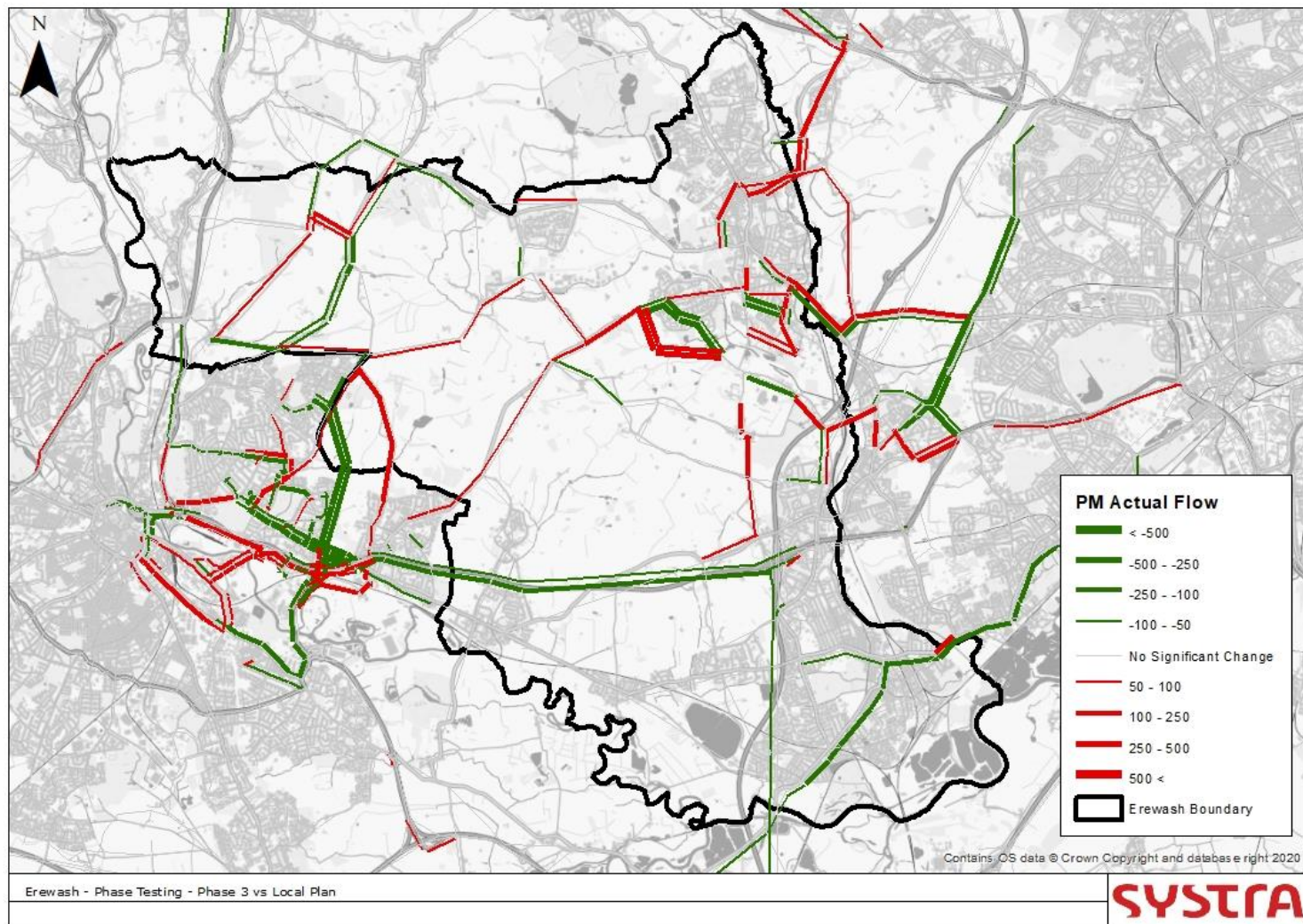


Figure 29. Mitigation Scheme Phase 3 Congestion Change Vs Local Plan Scenario (AM Peak)

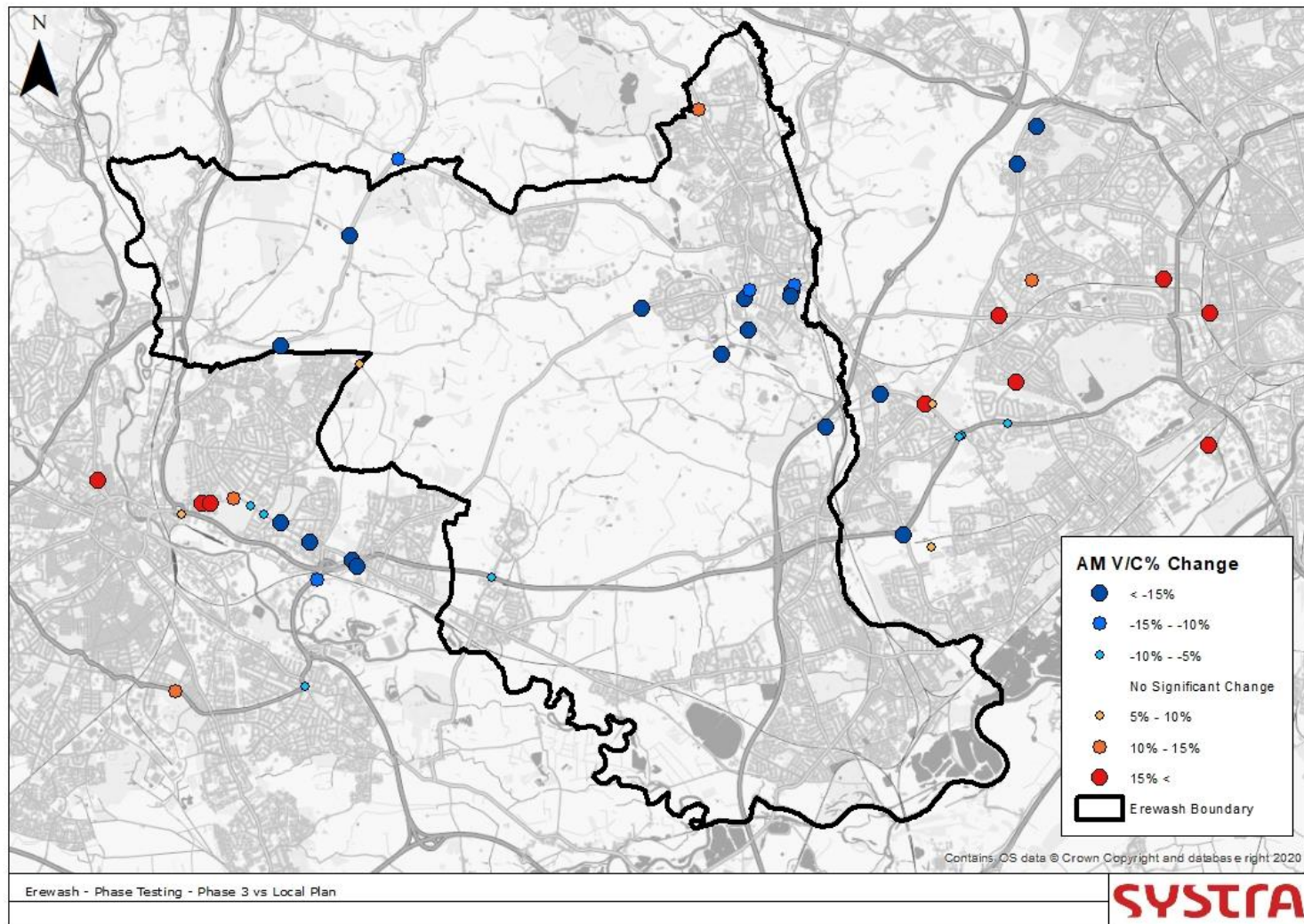
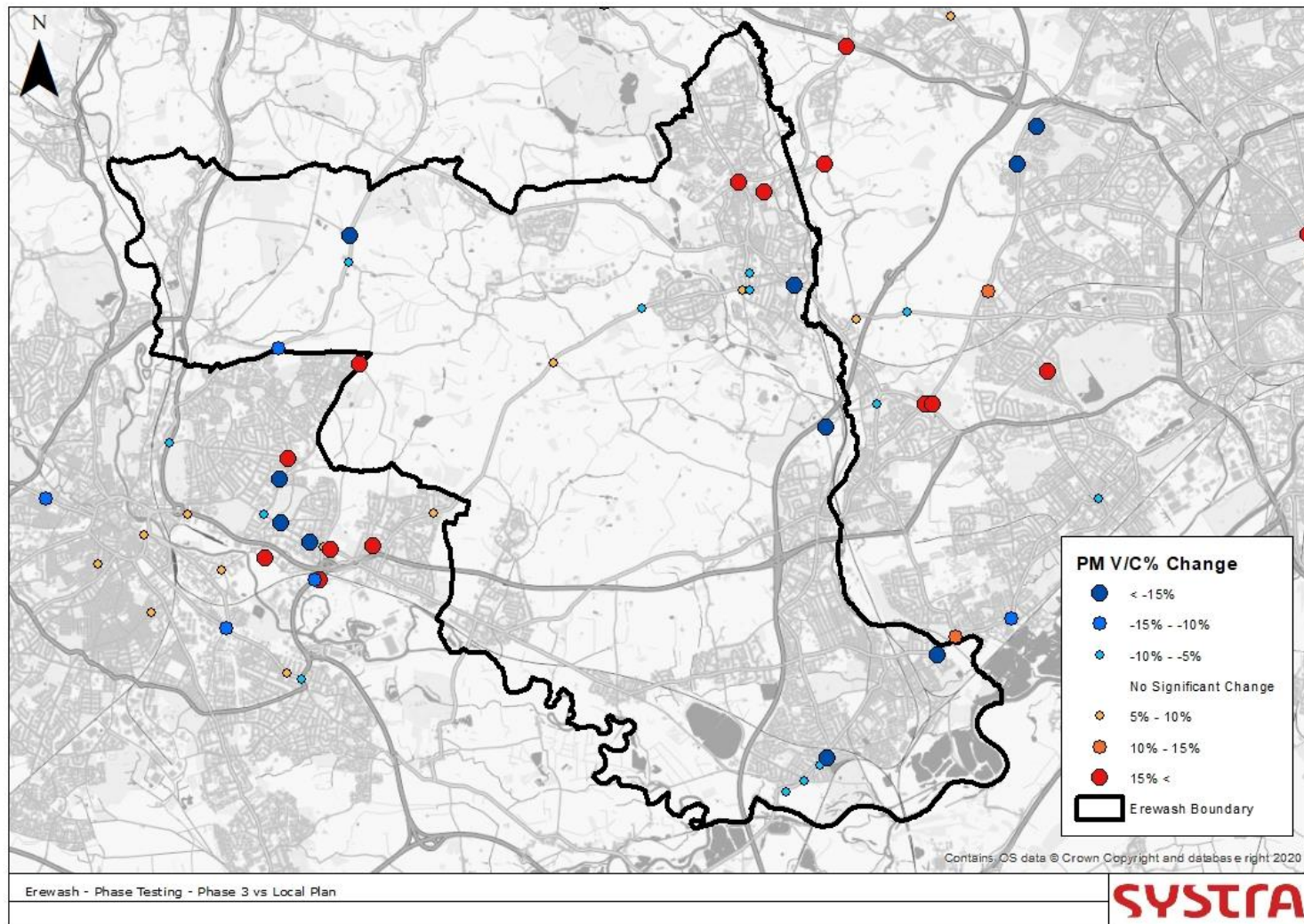


Figure 30. Mitigation Scheme Phase 3 Congestion Change Vs Local Plan Scenario (PM Peak)



MITIGATION PLOTS

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Figure 31. Mitigation Scheme Phase 3 Speed Change Vs Reference Case Scenario (AM Peak)

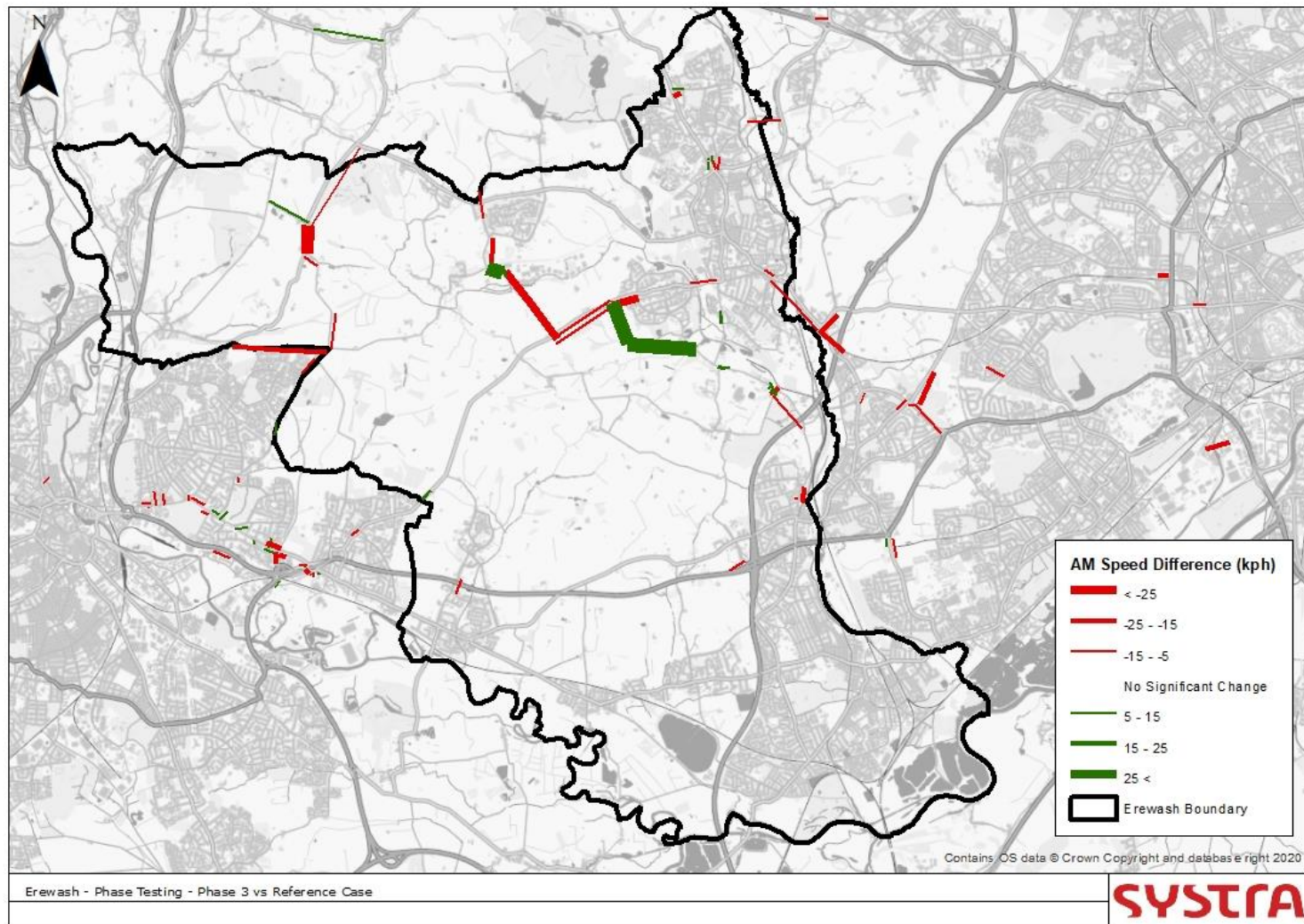


Figure 32. Mitigation Scheme Phase 3 Speed Change Vs Reference Case Scenario (PM Peak)

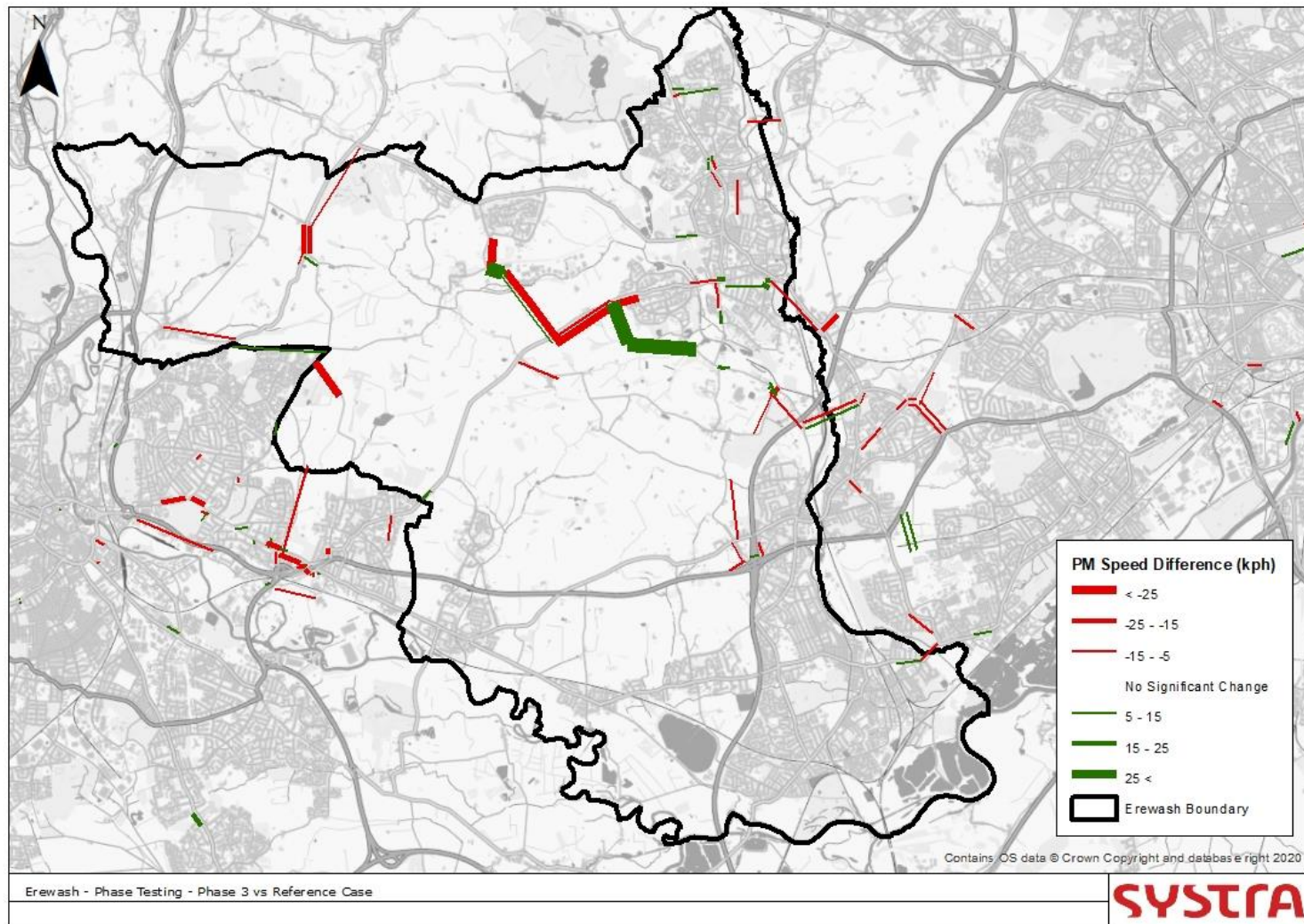


Figure 33. Mitigation Scheme Phase 3 Time Change Vs Reference Case Scenario (AM Peak)

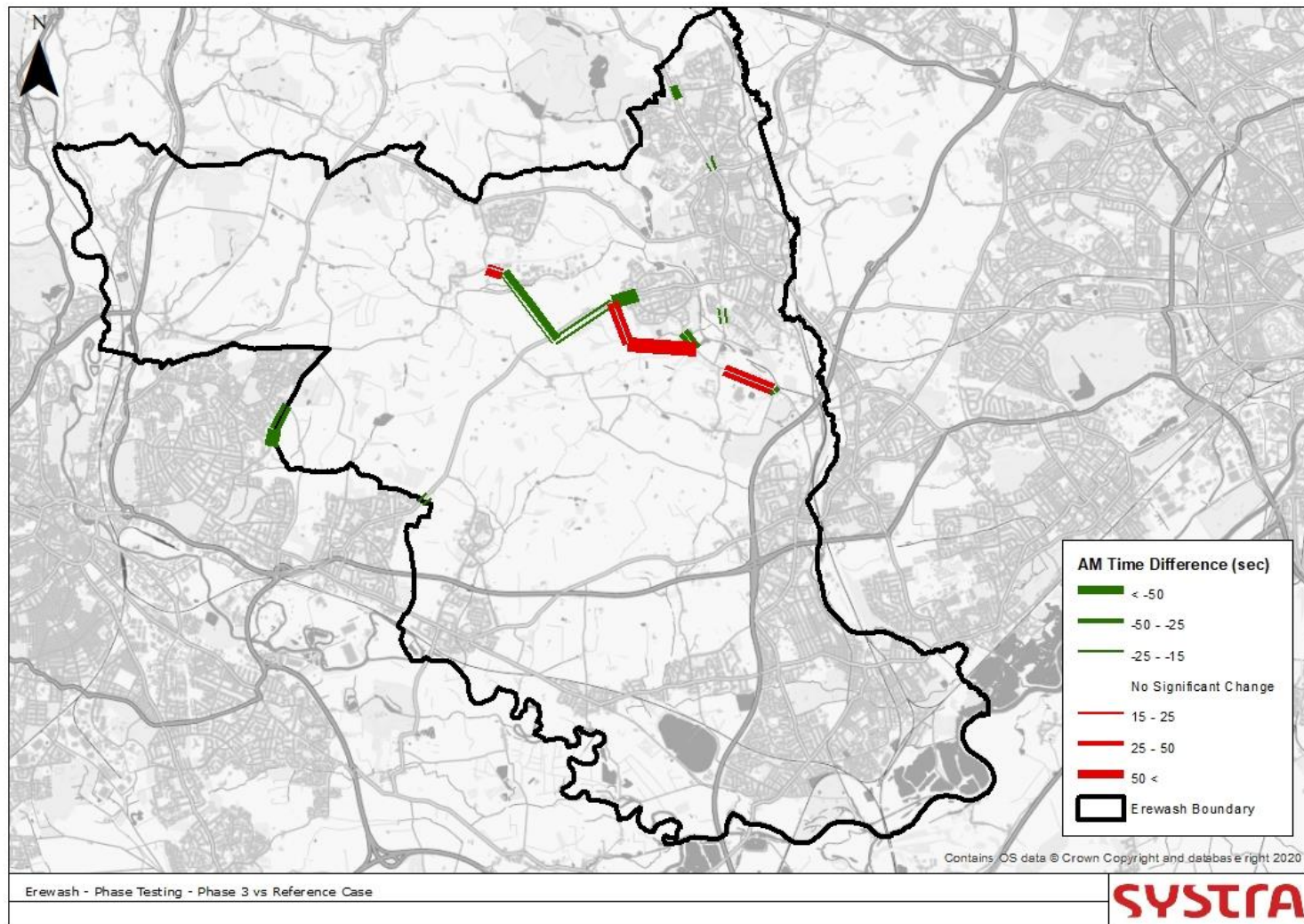


Figure 34. Mitigation Scheme Phase 3 Time Change Vs Reference Case Scenario (PM Peak)

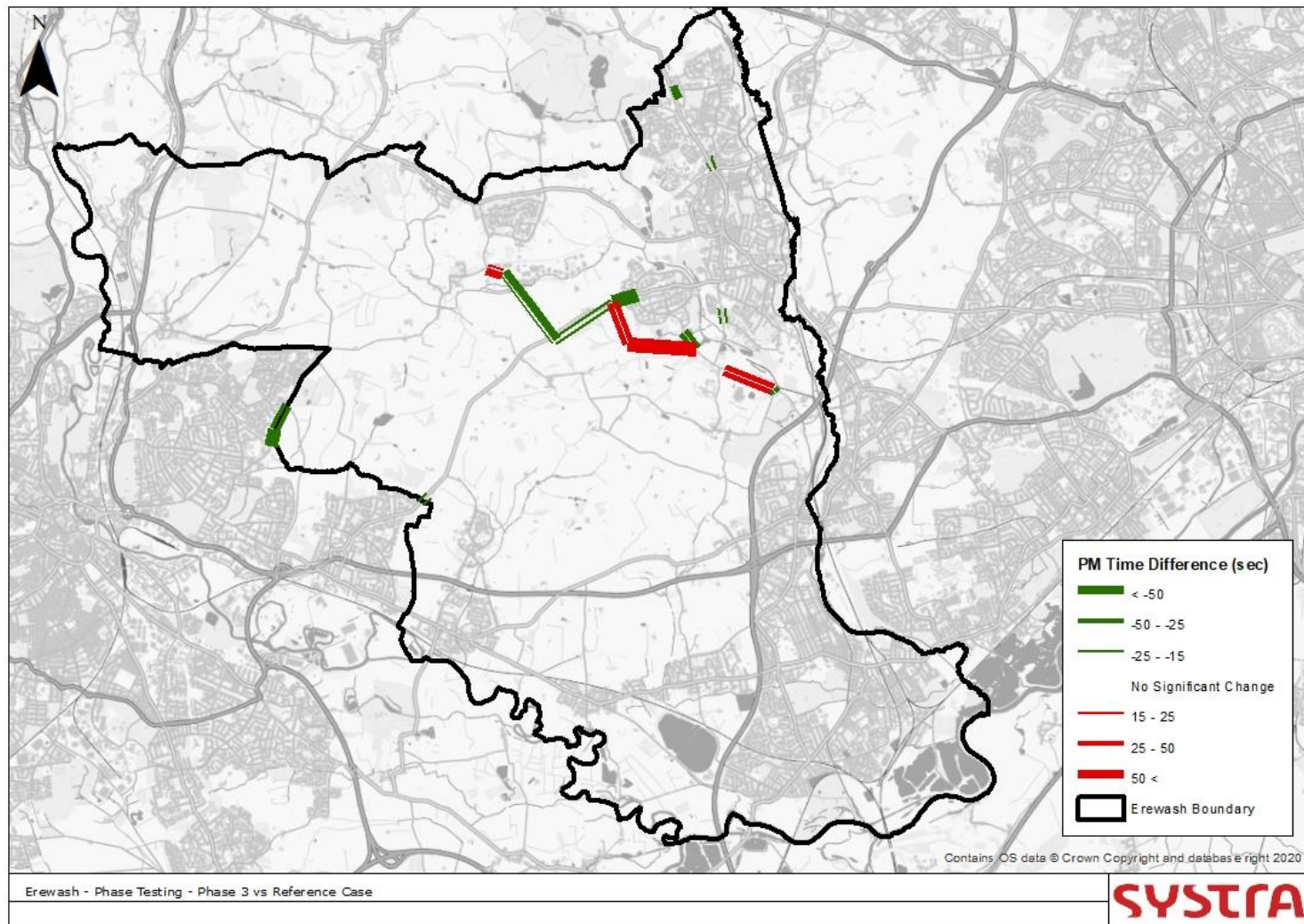


Figure 35. Mitigation Scheme Phase 3 Queue Change Vs Reference Case Scenario (AM Peak)

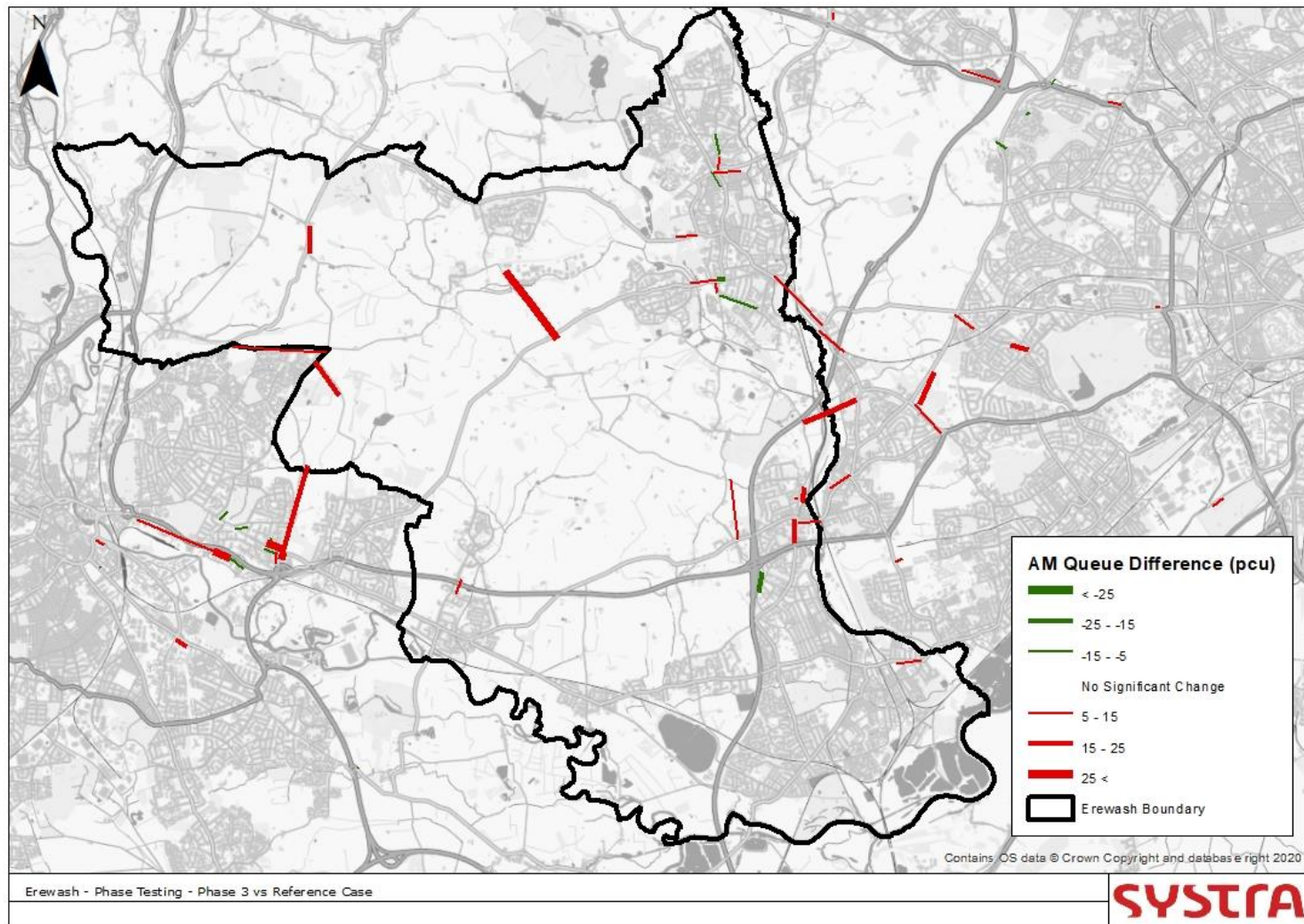


Figure 36. Mitigation Scheme Phase 3 Queue Change Vs Reference Case Scenario (PM Peak)

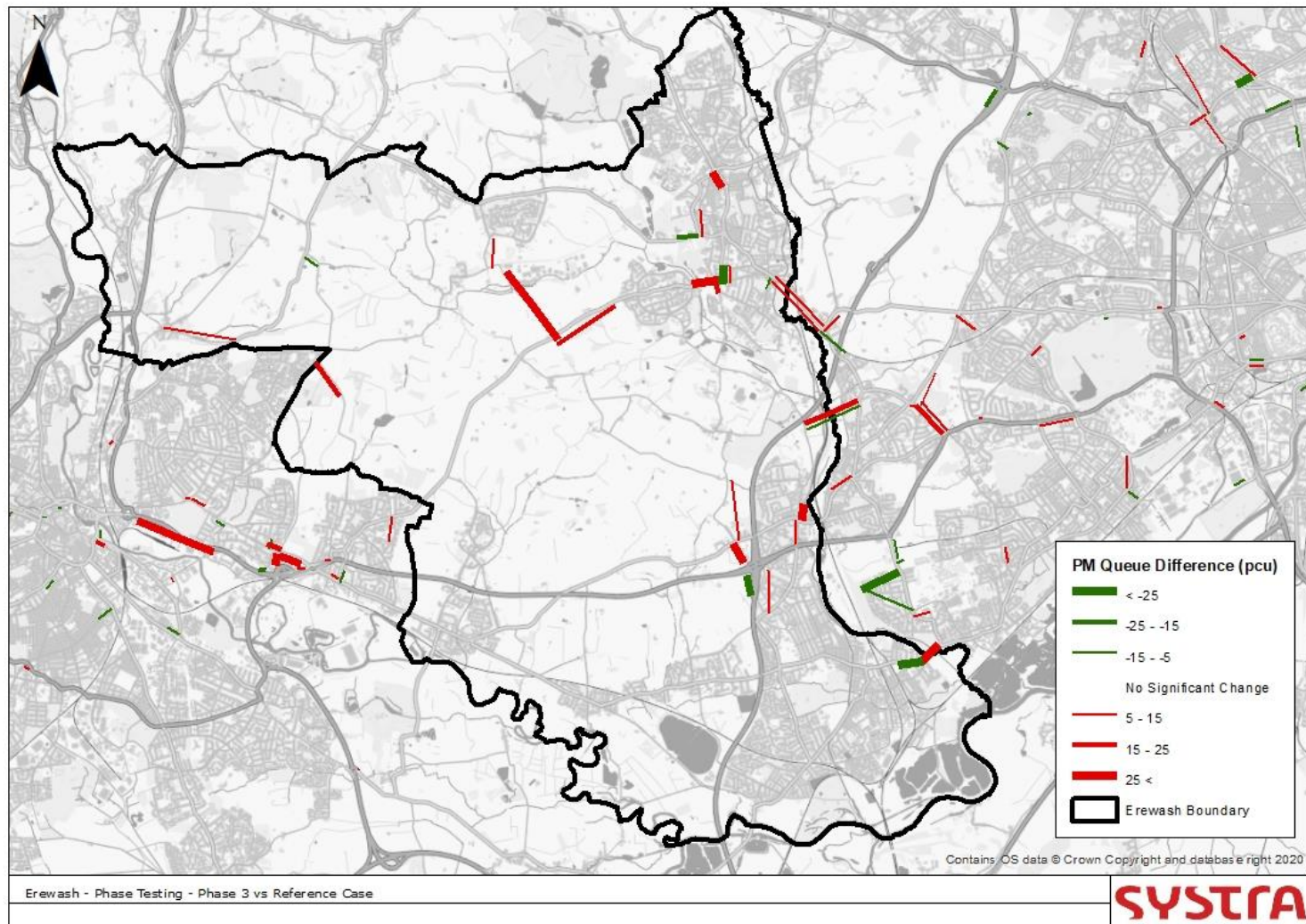


Figure 37. Mitigation Scheme Phase 3 Flow Change Vs Reference Case Scenario (AM Peak)

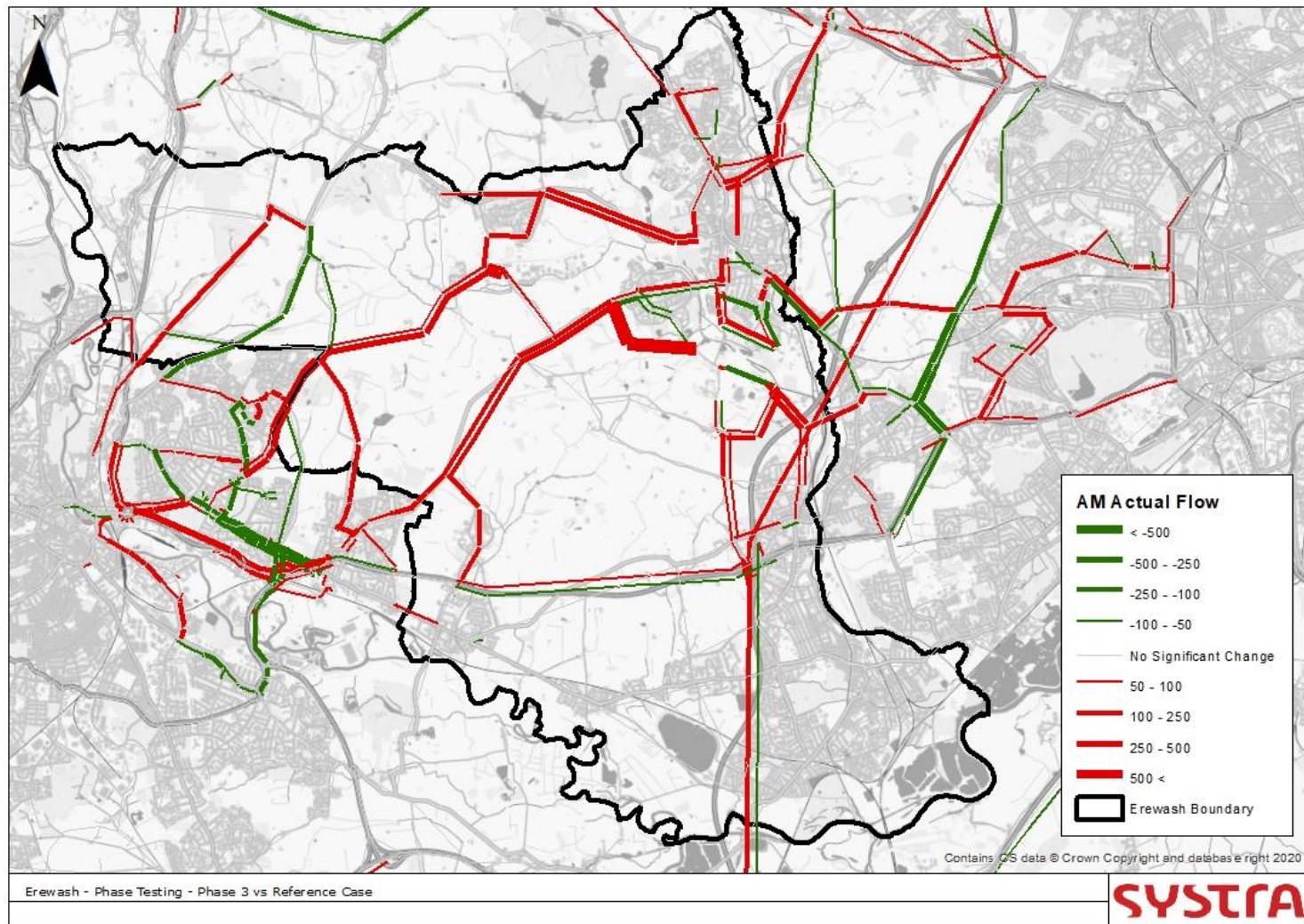


Figure 38. Mitigation Scheme Phase 3 Flow Change Vs Reference Case Scenario (PM Peak)

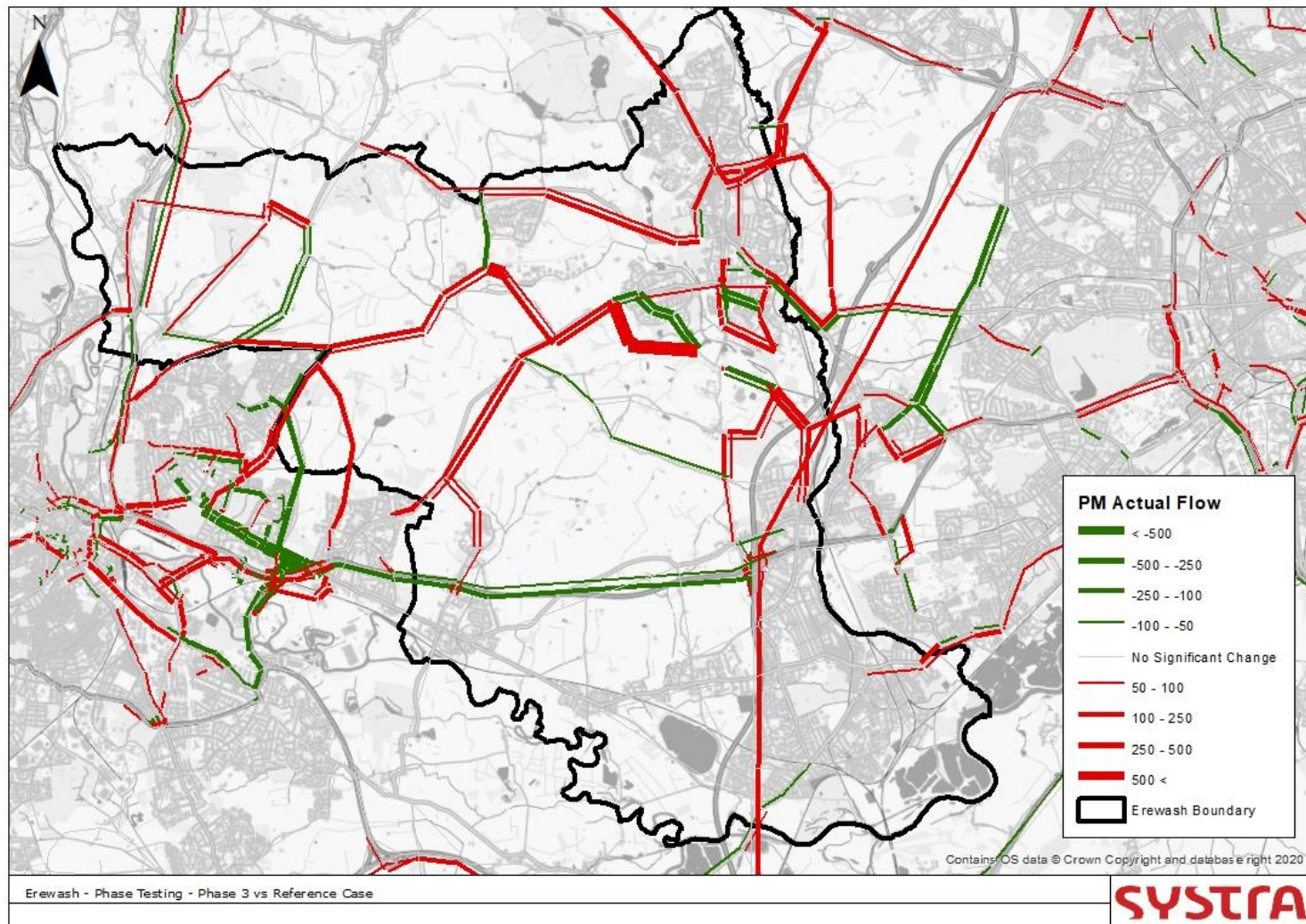


Figure 39. Mitigation Scheme Phase 3 Congestion Change Vs Reference Case Scenario (AM Peak)

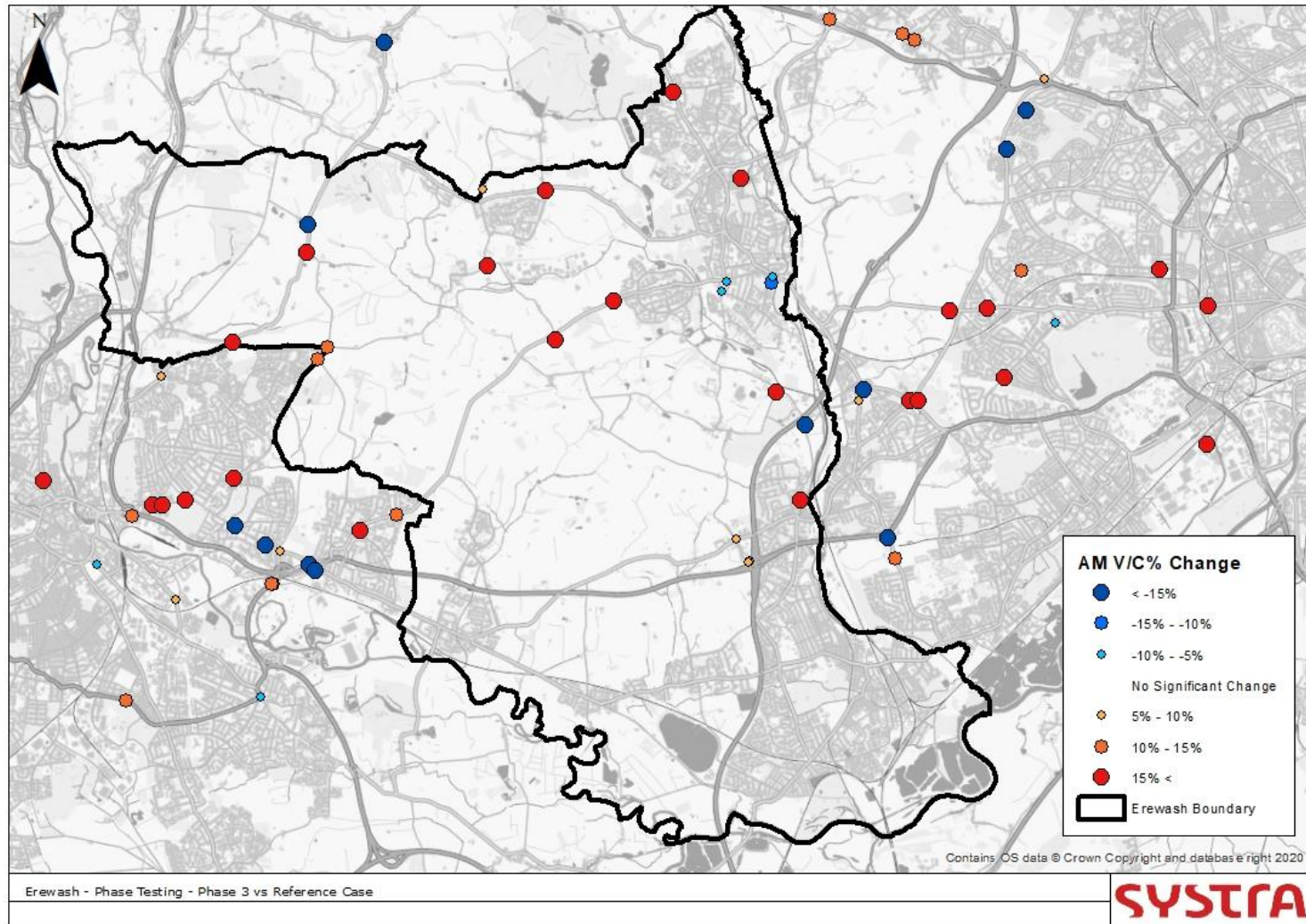
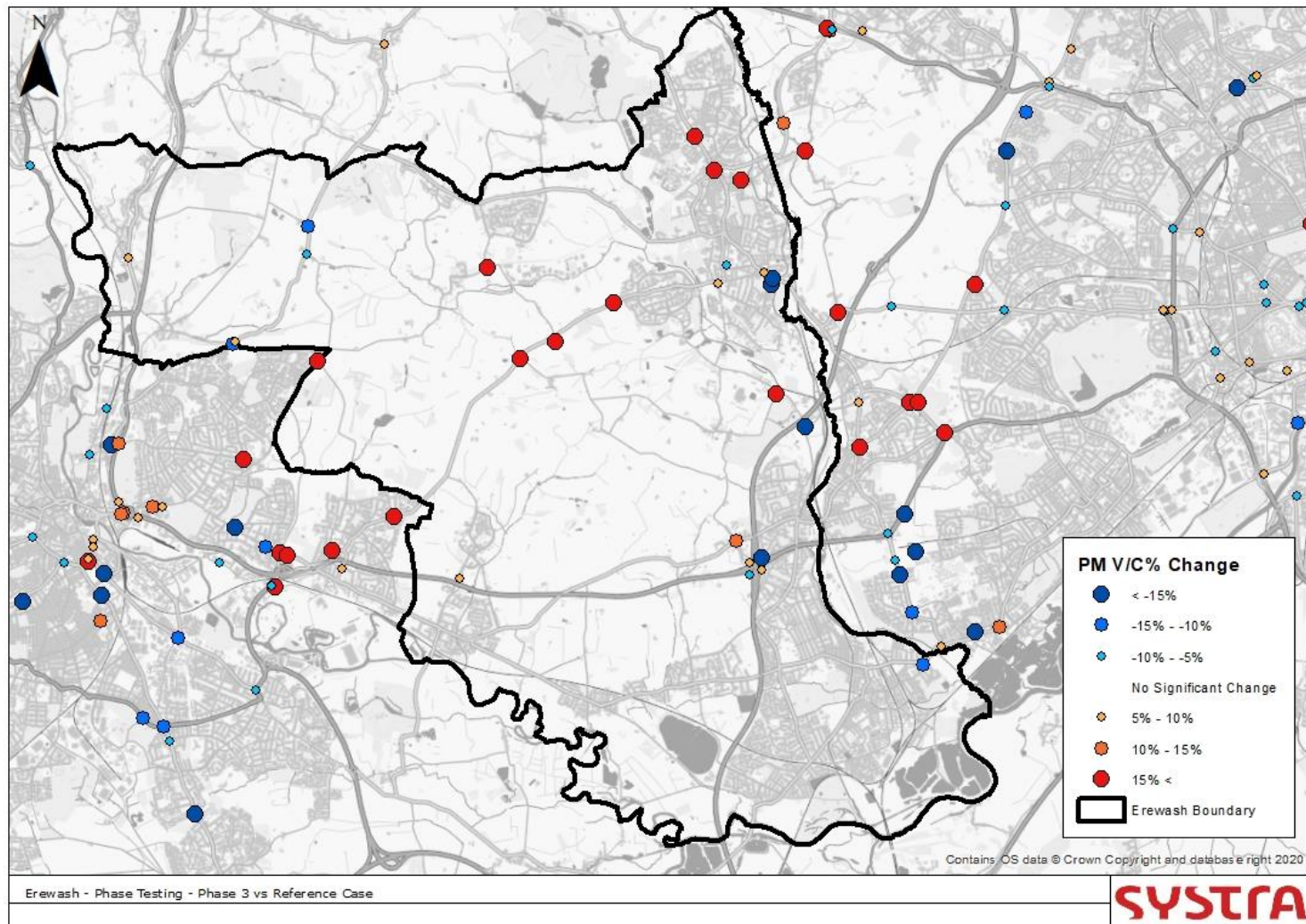


Figure 40. Mitigation Scheme Phase 3 Congestion Change Vs Reference Case Scenario (PM Peak)



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The SYSTRA logo is rendered in a bold, red, sans-serif typeface. The letters are thick and closely spaced, with a distinctive design where the 'S' and 'Y' have a slightly irregular, hand-drawn quality. The 'S' starts with a small hook, and the 'Y' has a sharp, pointed top. The 'T' is a simple vertical bar with a horizontal crossbar, and the 'R' has a curved tail. The 'A' is a simple, blocky shape. The overall appearance is modern and professional.