APPENDIX H

INTERCHANGE AND INTERSECTION CONCEPTS

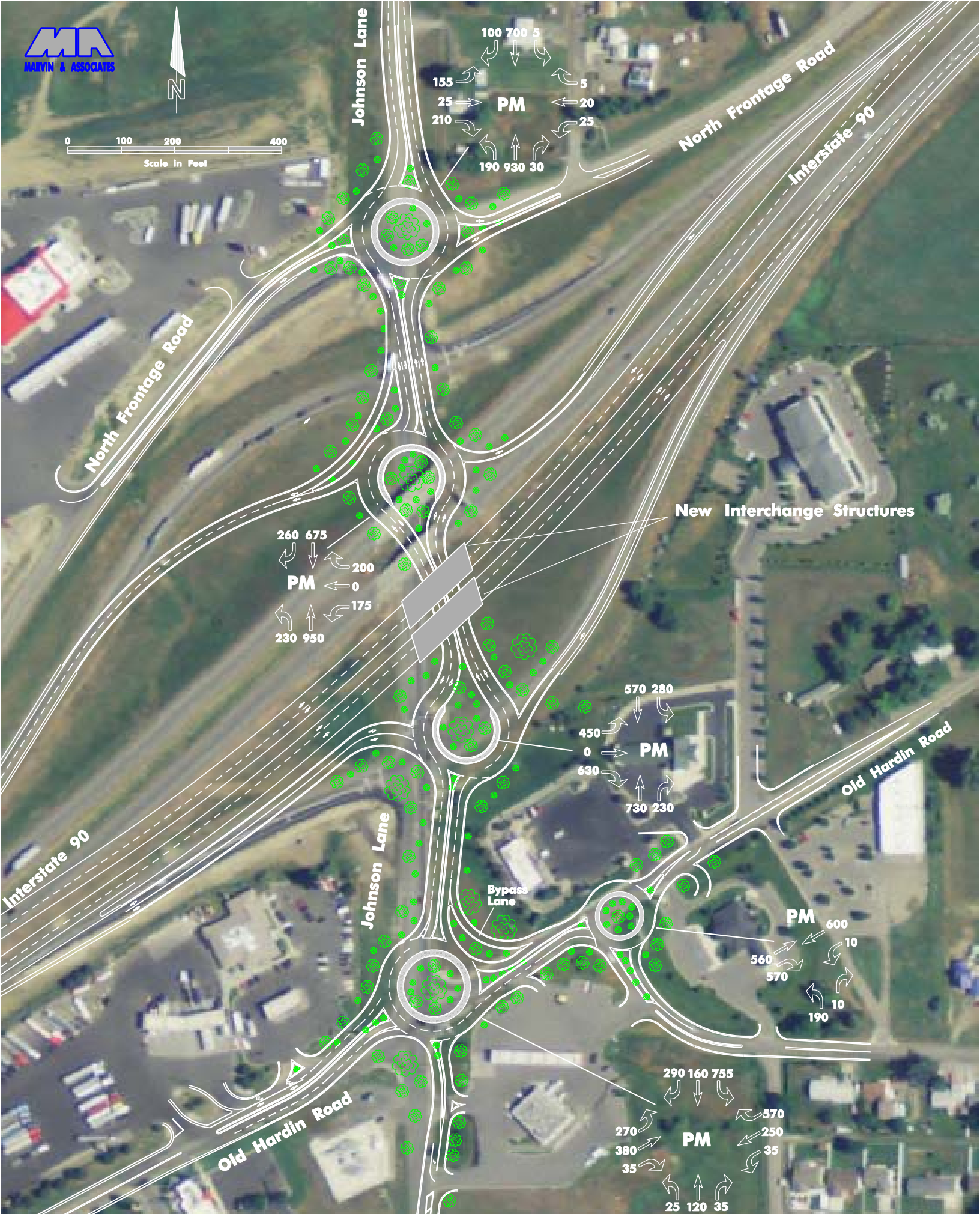
APPENDIX H

INTERCHANGE AND INTERSECTION CONCEPTS

FULL BUILDOUT

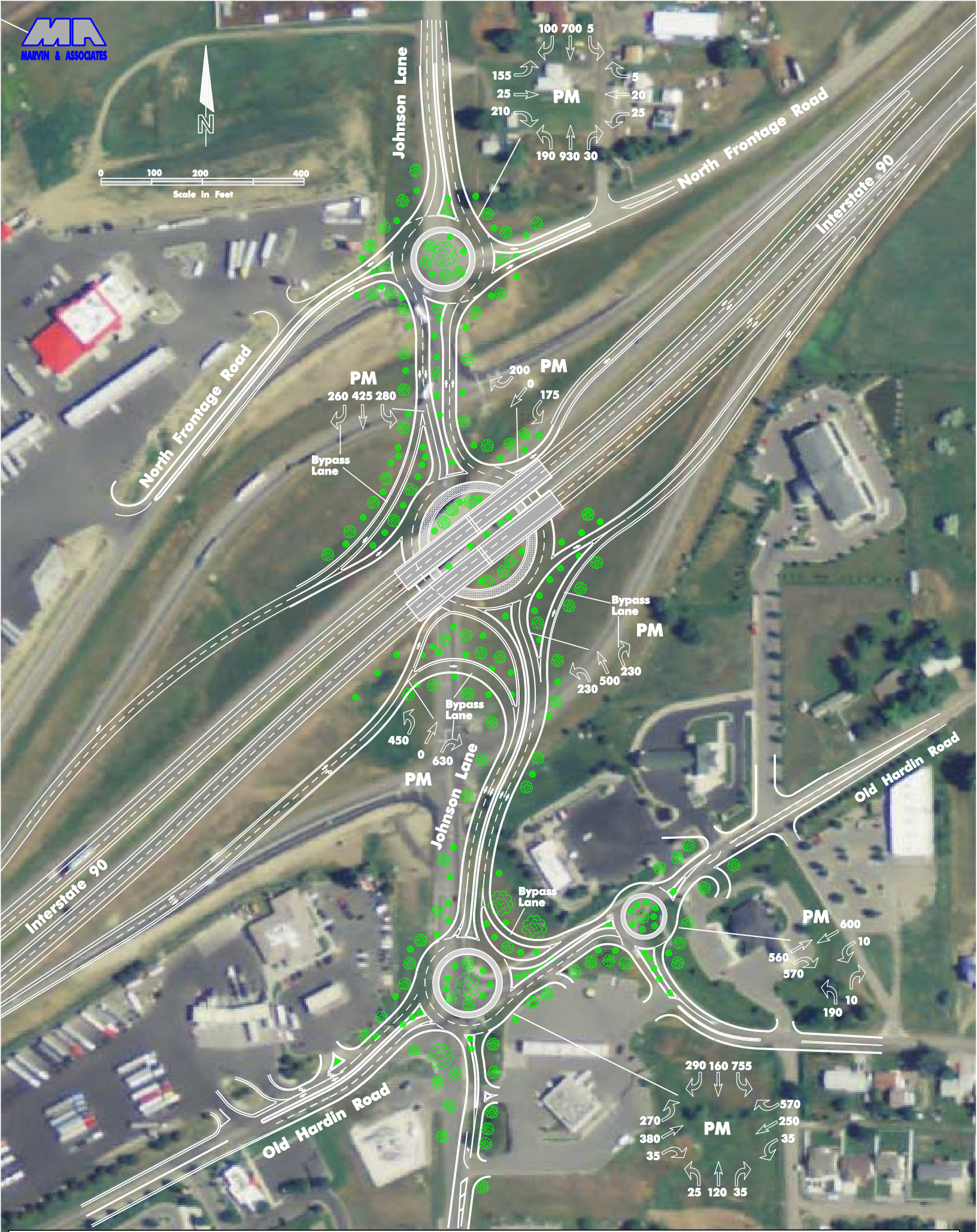
I-90 / JOHNSON LANE

INTERCHANGE CONCEPTS

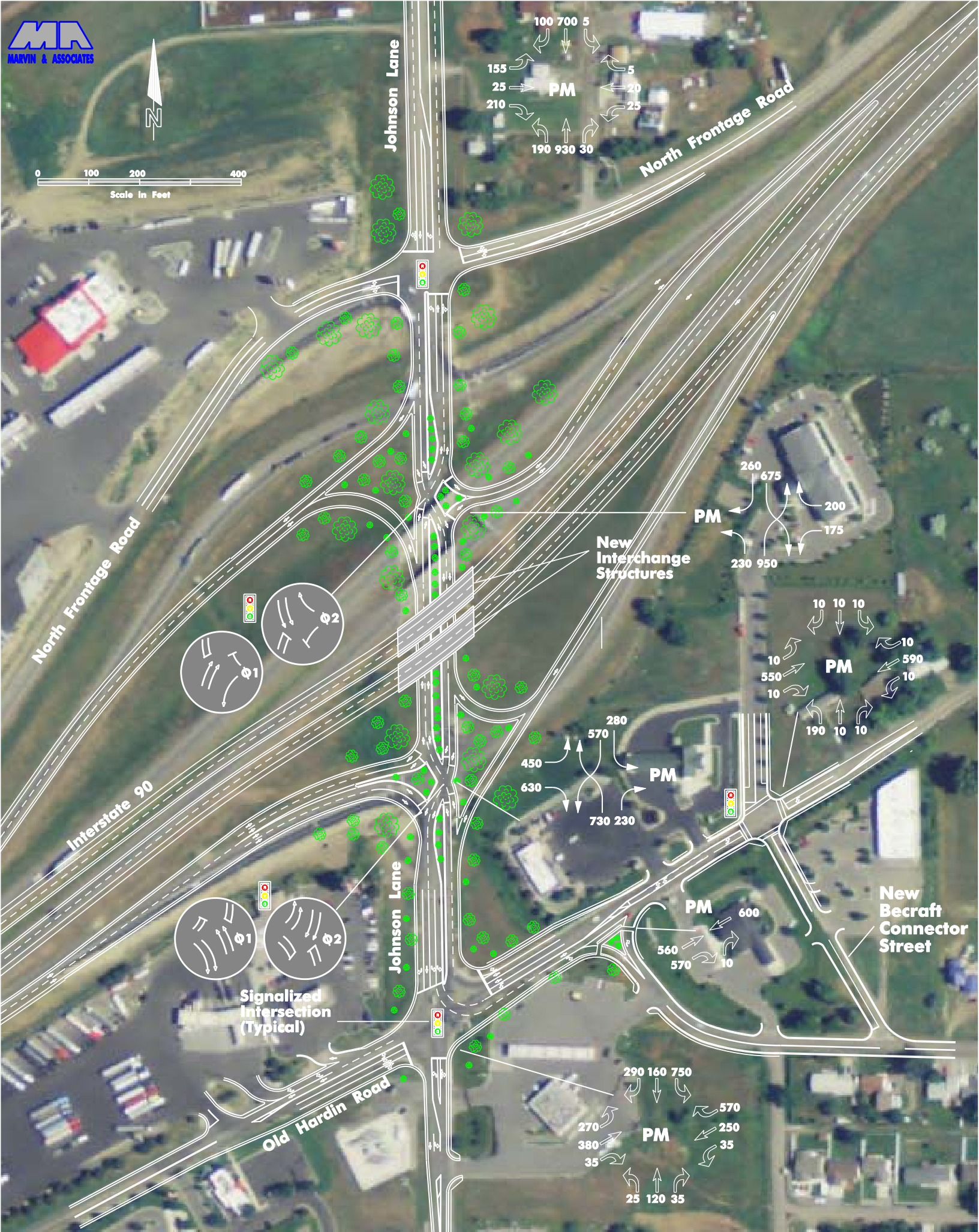


Johnson Lane Interchange Roundabouts Mary Option 1 Alternative 10–18–11

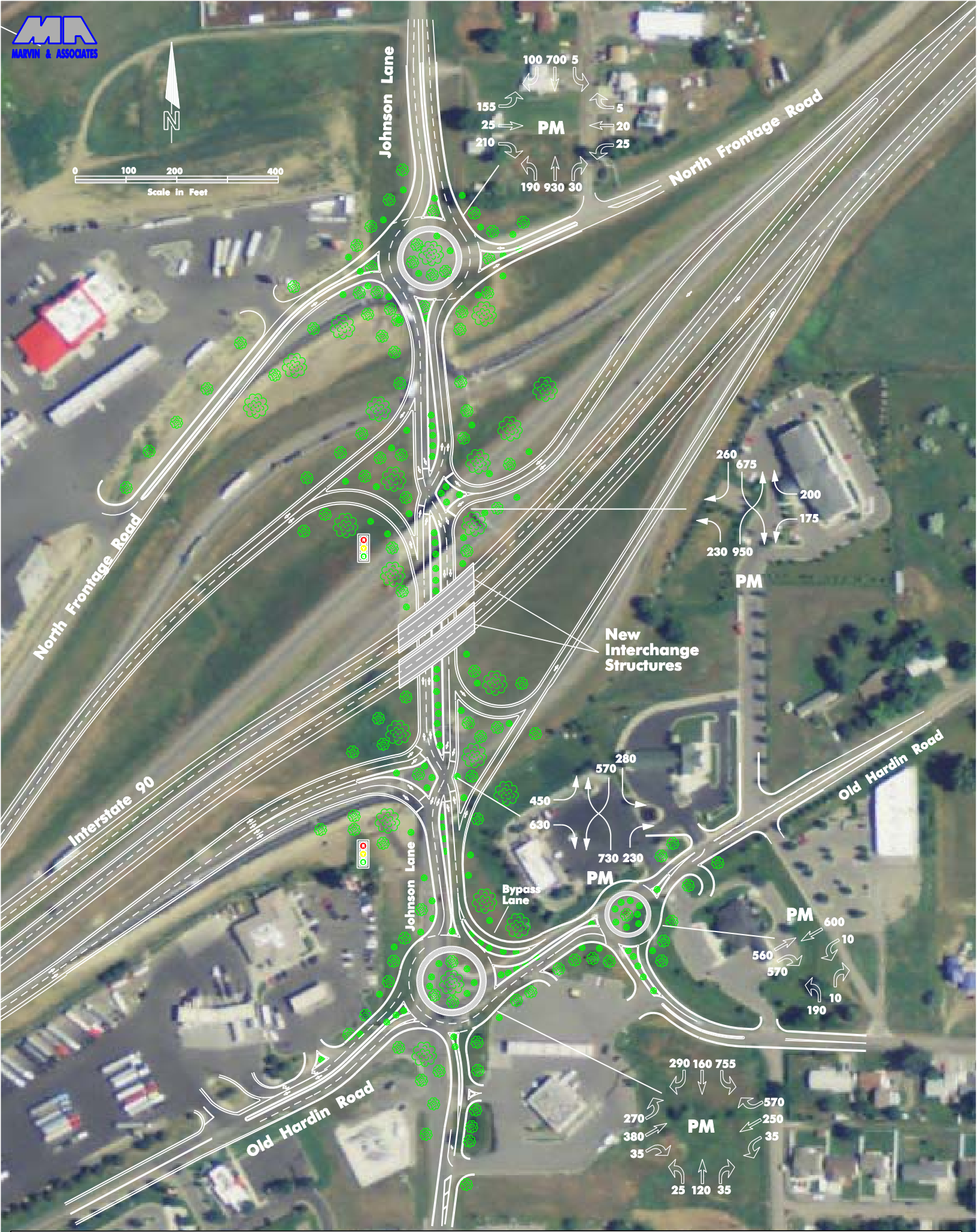
Johnson Lane SPUI Interchange Mary Option 1 Alternative 10–18–11



Johnson Lane SPUI Interchange with Roundabouts Mary Opt 1 Alt 10–17–11



Johnson Lane Double Crossover Diamond Interchange Mary Opt 1 Alt 10–18–11

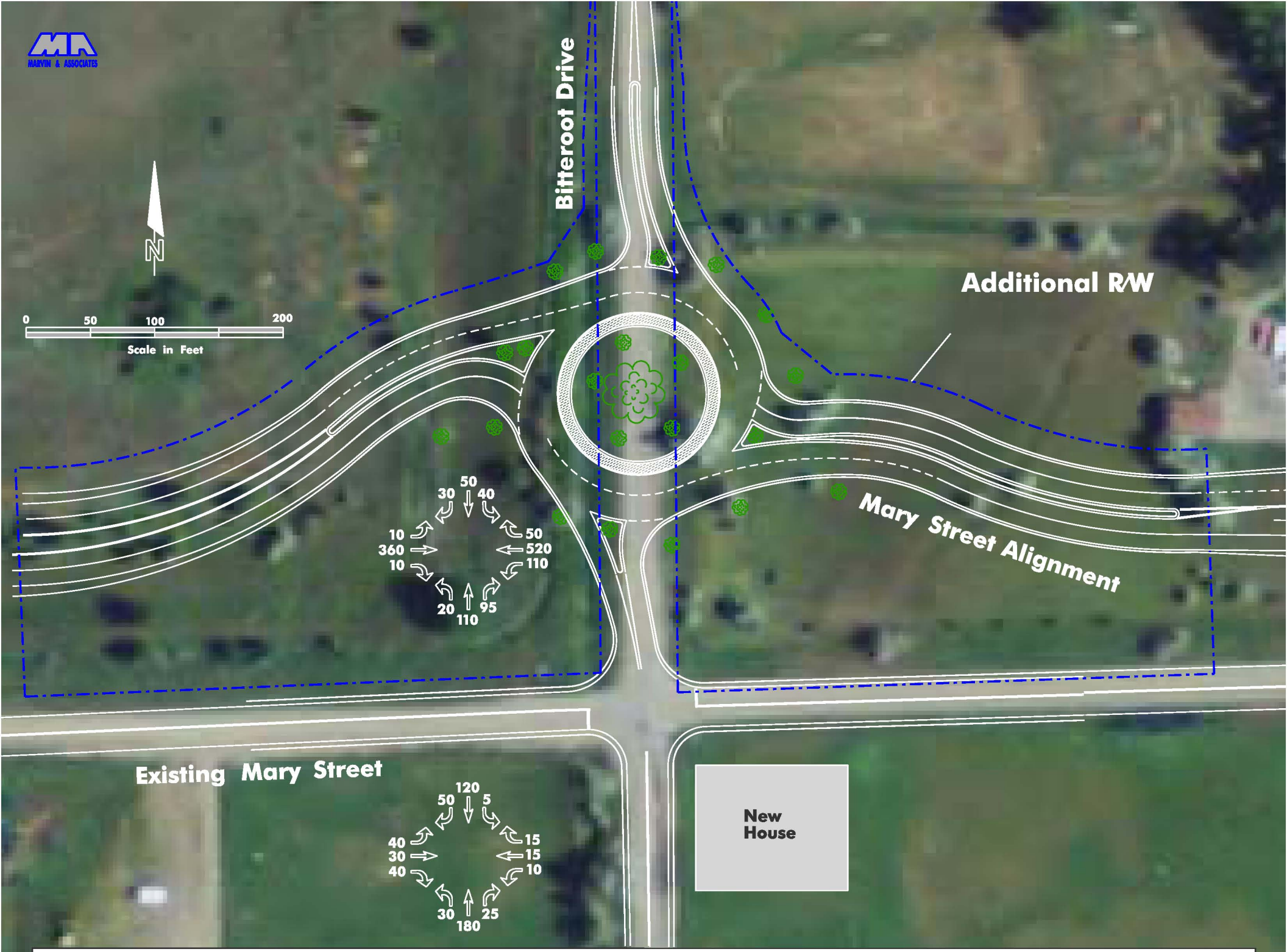


Johnson Lane Double Crossover Option2 Mary Opt. 1 Alt. 10–20–11

MARY STREET / BITTERROOT DRIVE

INTERSECTION CONCEPTS

Mary Street Option 1 Alignment Bitteroot Road Alternative A



Mary Street Option 1 Alignment Bitteroot Drive Intersection Alternative B Roundabout

Mary Street Option 1 Alignment Bitteroot Drive Intersection Alternative C Signal

MARY STREET / OLD HWY 312 / MAIN STREET / US 87 / BENCH BLVD INTERSECTION CONCEPTS

Figure I–1. Option 1 – Main Street Roundabouts with Access to Mary St/Bench Blvd. T–intersection

Figure I–3. Option 3 – Dual Roundabouts

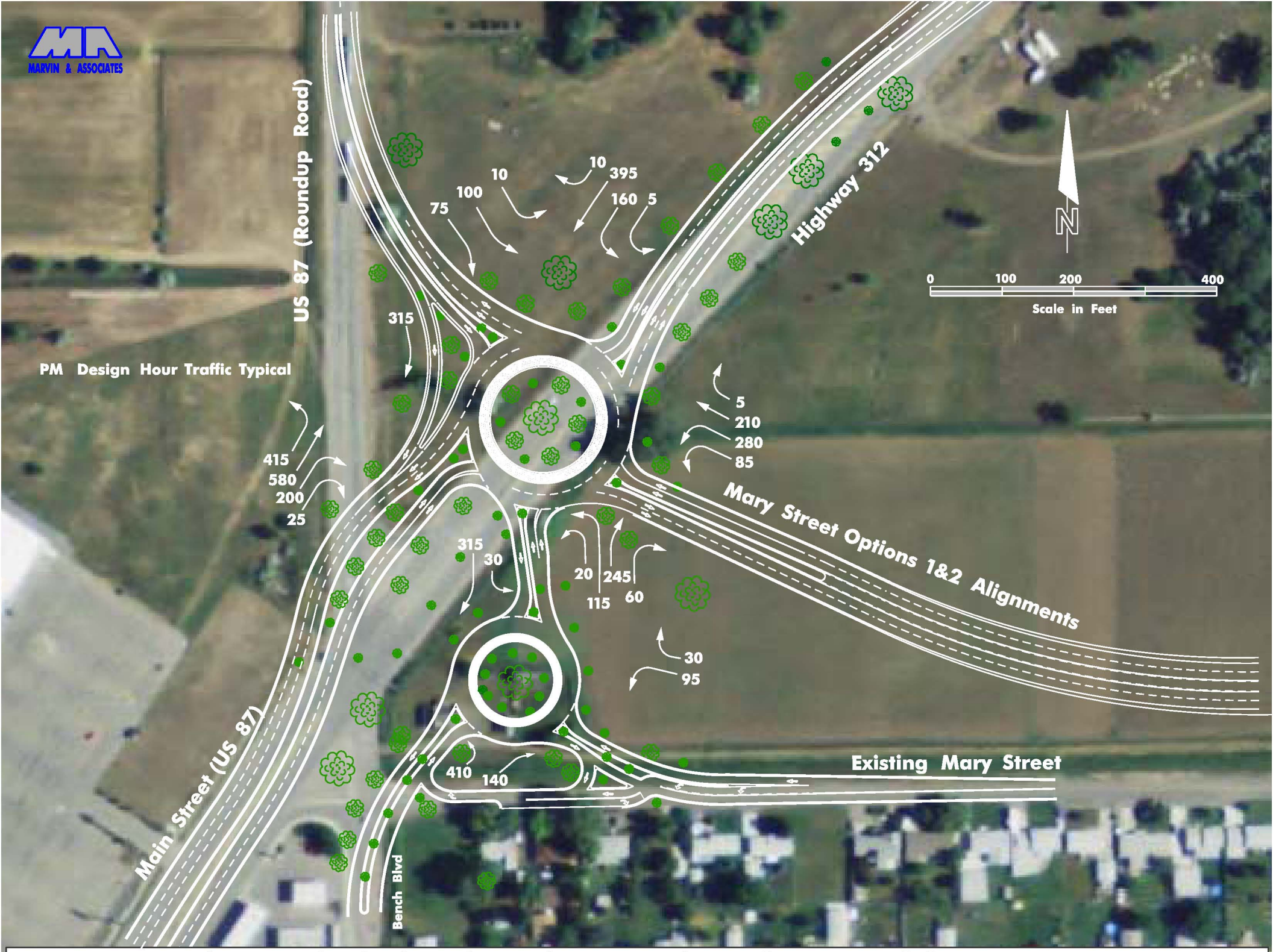


Figure I–2. Option 2 – Primary & Secondary Roundabouts

FIVE MILE ROAD / OLD HWY 312

INTERSECTION CONCEPTS

HWY 312 – 5 Mile Road Alignment Intersection Option 1 Signal

HWY 312 – 5 Mile Road Alignment Intersection Option 1 Roundabout

HWY 312 – 5 Mile Road Alignment Intersection Option 2 Signal

HWY 312 – 5 Mile Road Alignment Intersection Option 2 Roundabout

APPENDIX H

INTERCHANGE AND INTERSECTION CONCEPTS

PHASE 1

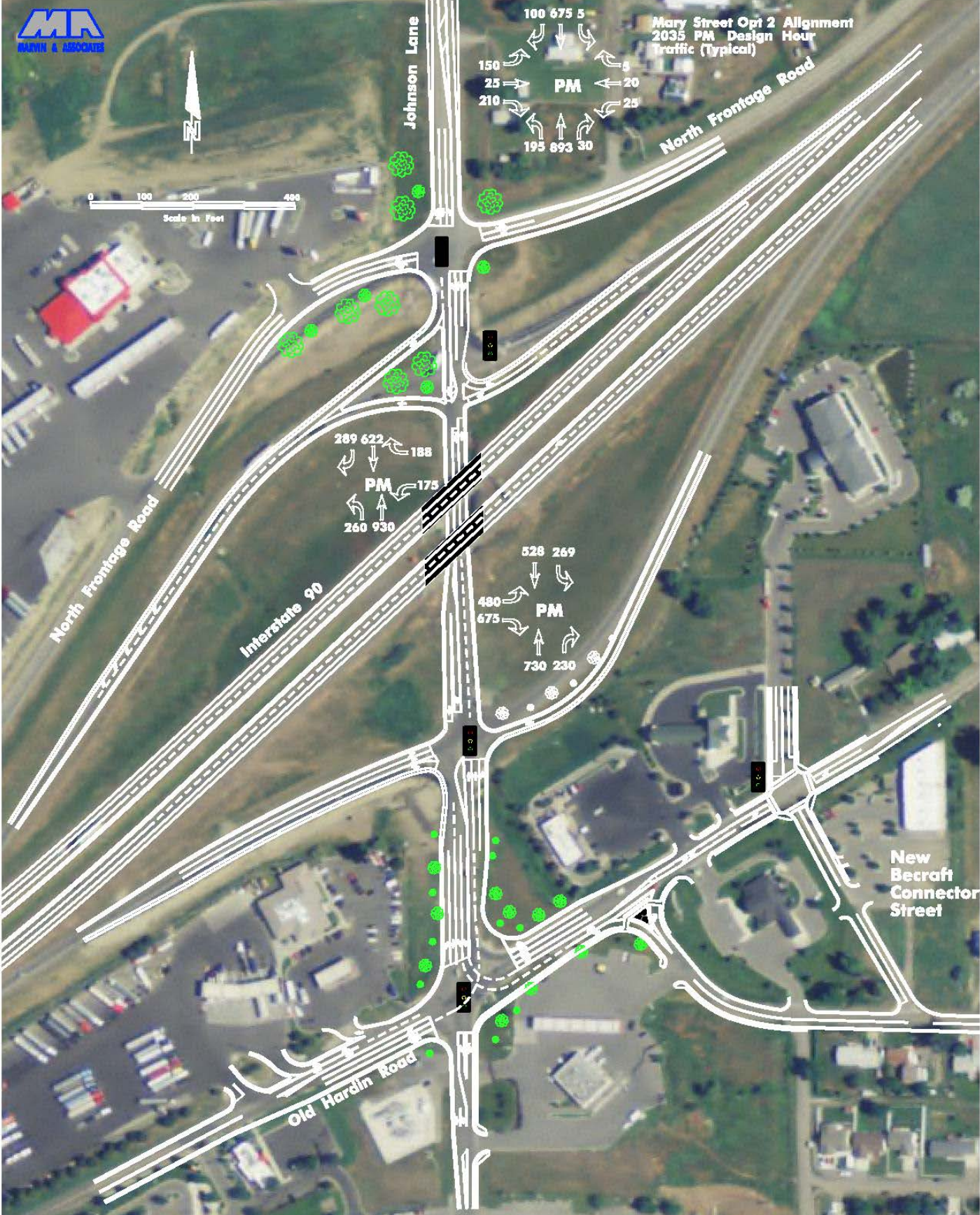


Figure 7. Mary Street Option 2 Phase 1 Johnson Lane Design Concept

Figure 8. Mary Opt 2 Johnson Lane – Coulson Road Intersections Phase 1

Figure 9. Mary Street Option 1 – Five Mile Road Intersection Phase 1

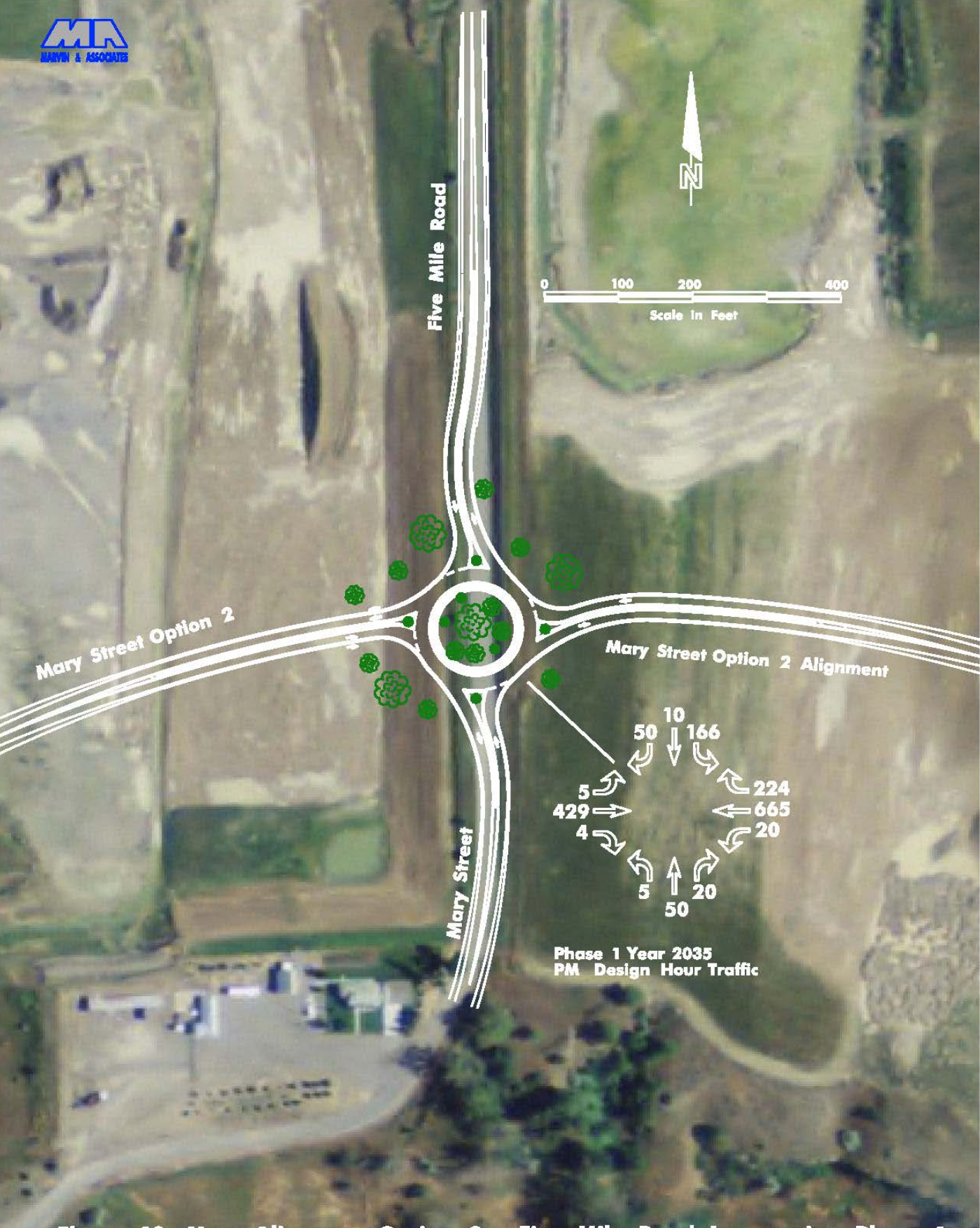


Figure 10. Mary Alignment Option 2 – Five Mile Road Intersection Phase 1

Figure 11. Mary Option 2 Alignment & Bitterroot Phase 1

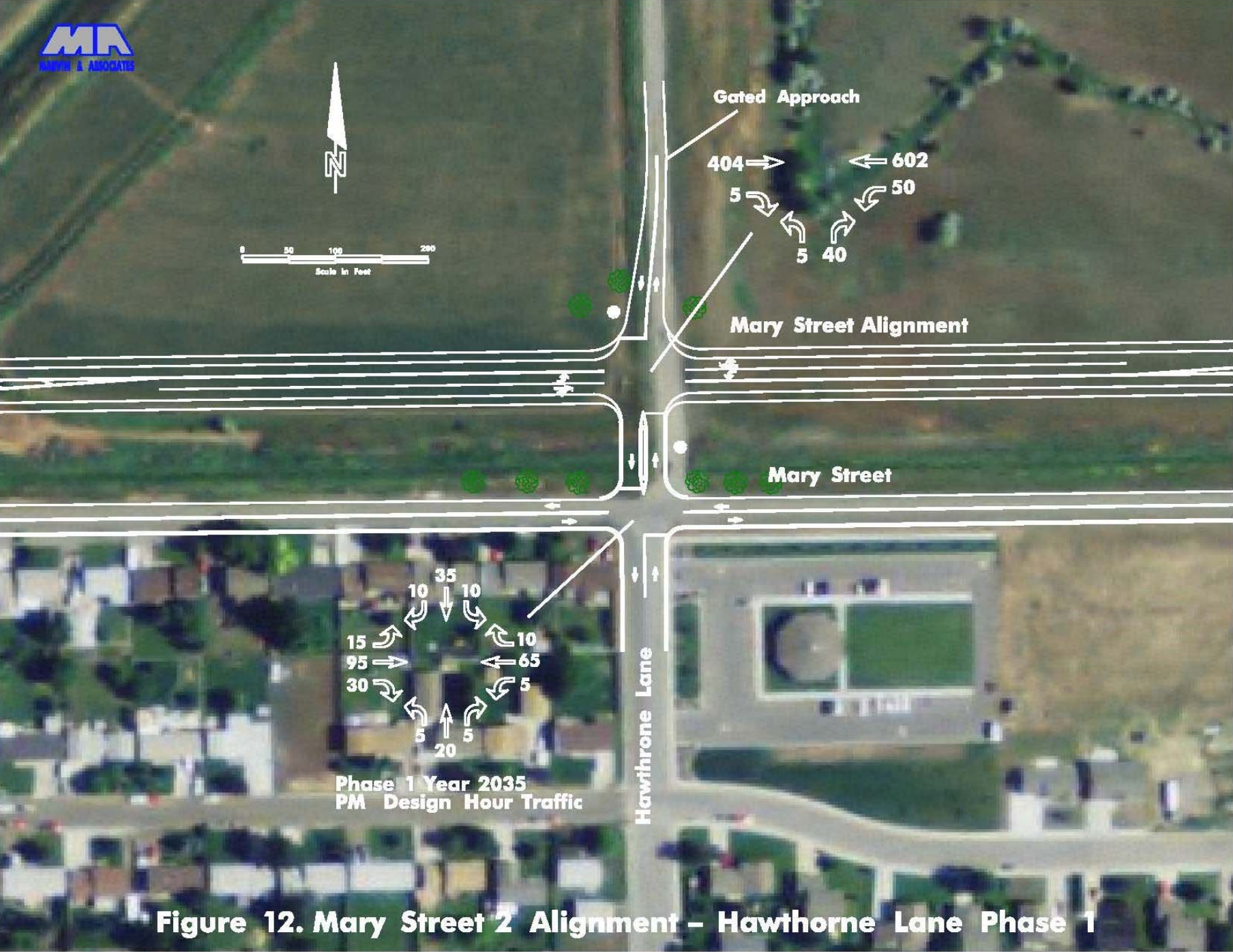


Figure 12. Mary Street 2 Alignment – Hawthorne Lane Phase 1

Figure 13. Five Mile Road Alternative & Old Hwy 312 Phase 1

Figure 14. Five Mile Road Alignment – Mary Street Phase 1

Figure 15. Mary Street Alignments US 87 HWY 312 Bench Blvd. Phase 1 Intersection