ENVIRONMENTAL ASSESSMENT

FIGURES

GREAT RIVER ENERGY/XCEL ENERGY AIR LAKE-EMPIRE 115 kV TRANSMISSION AND SUBSTATION PROPOSAL

EQB DOCKET No. 04-81-TR-AIR LAKE-EMPIRE

Table of Figures

Figure 1. Xcel Energy Proposed Transmission Line 3
Figure 2. Great River Energy Proposed Transmission Line 4
Figure 3. Schematic Diagram of Xcel Energy Double Circuit Structure 5
Figure 4. Schematic Diagrams of Typical GRE Structures 6
Figure 5. Rother Bypass #1 Alternative Segment 7
Figure 6. Rother Bypass #2 Alternative Segment 8
Figure 7. Farmington City Alternative Segment 9
Figure 8. Empire Citizens' #1 Alternative Segment 10
Figure 9. Empire Citizens' #2 Alternative Segment 11
Figure 10. Empire Citizens' #3 Alternative Segment 12
Figure 11. Empire Citizens' #4 Alternative Segment 13
Figure 12. Empire Citizens' #5 Alternative Segment 14
Figure 13. Land Use Map 15
Figure 14. Adapted GRE/Rother Proposal (west) 16
Figure 15. Adapted GRE/Rother Proposal (east) 17
Figure 16. West across river (existing distribution line) 18
Figure 17. Eastward along abandoned railway right-of-way 19
Figure 18. East from Biscayne Avenue, approximating abandoned RR right-of-way 20
Figure 19. Southwest from CR 66 looking toward farm on Biscayne Avenue 21
Figure 20. Development north of 210th; an irrigation ravine further to the north 22

Figure 1. Xcel Energy Proposed Transmission Line

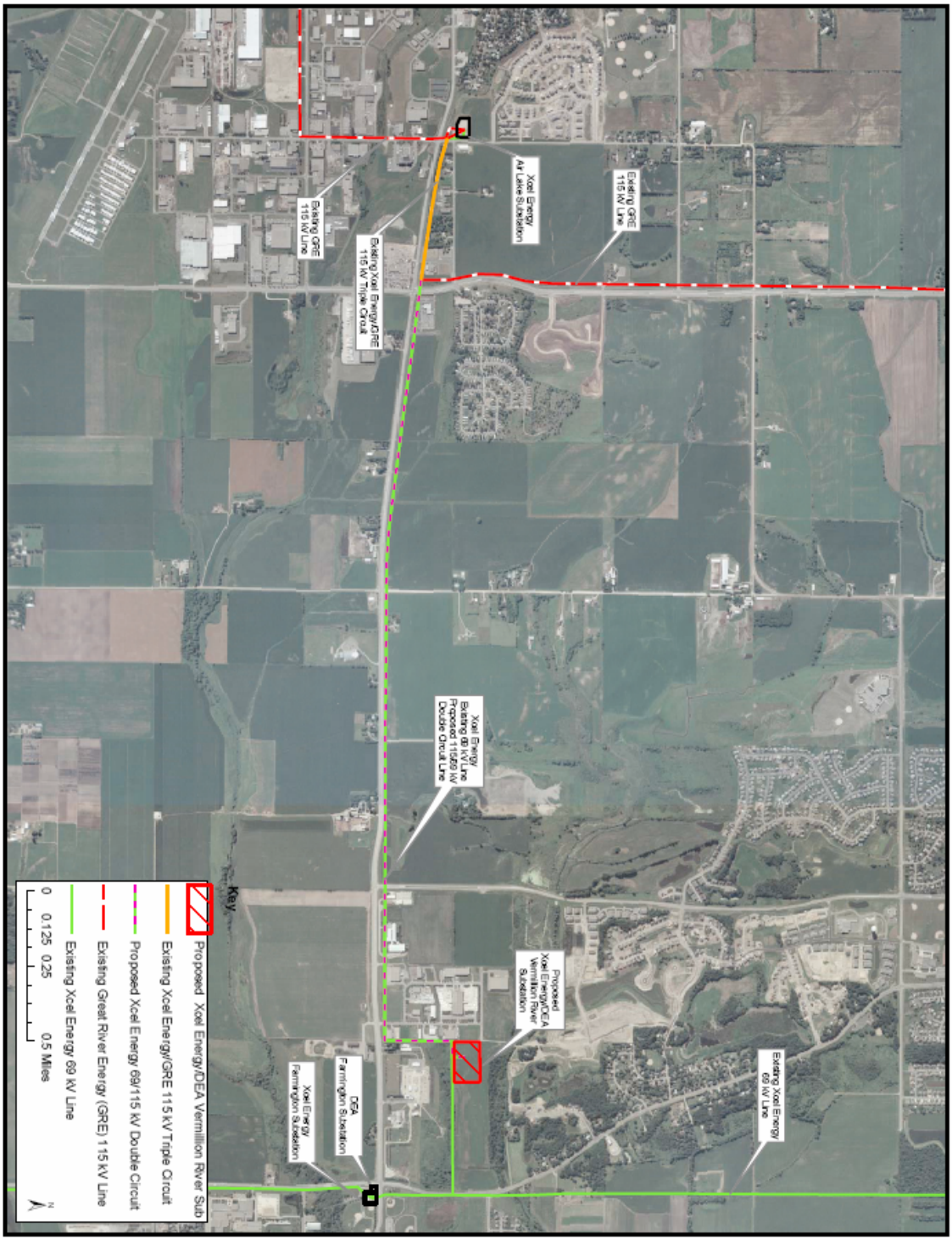

Figure 2. Great River Energy Proposed Transmission Line

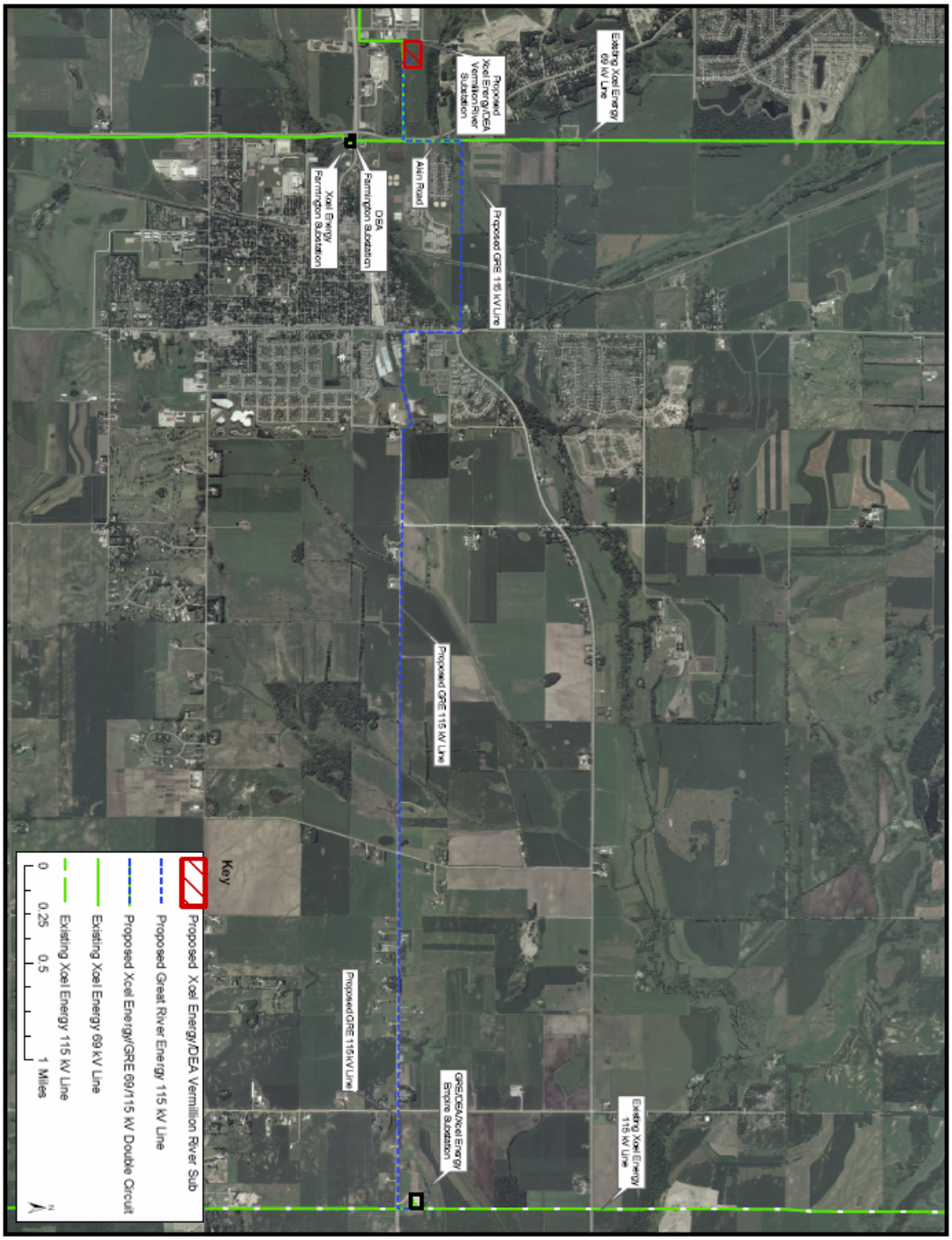

Figure 3. Schematic Diagram of Xcel Energy Double Circuit Structure

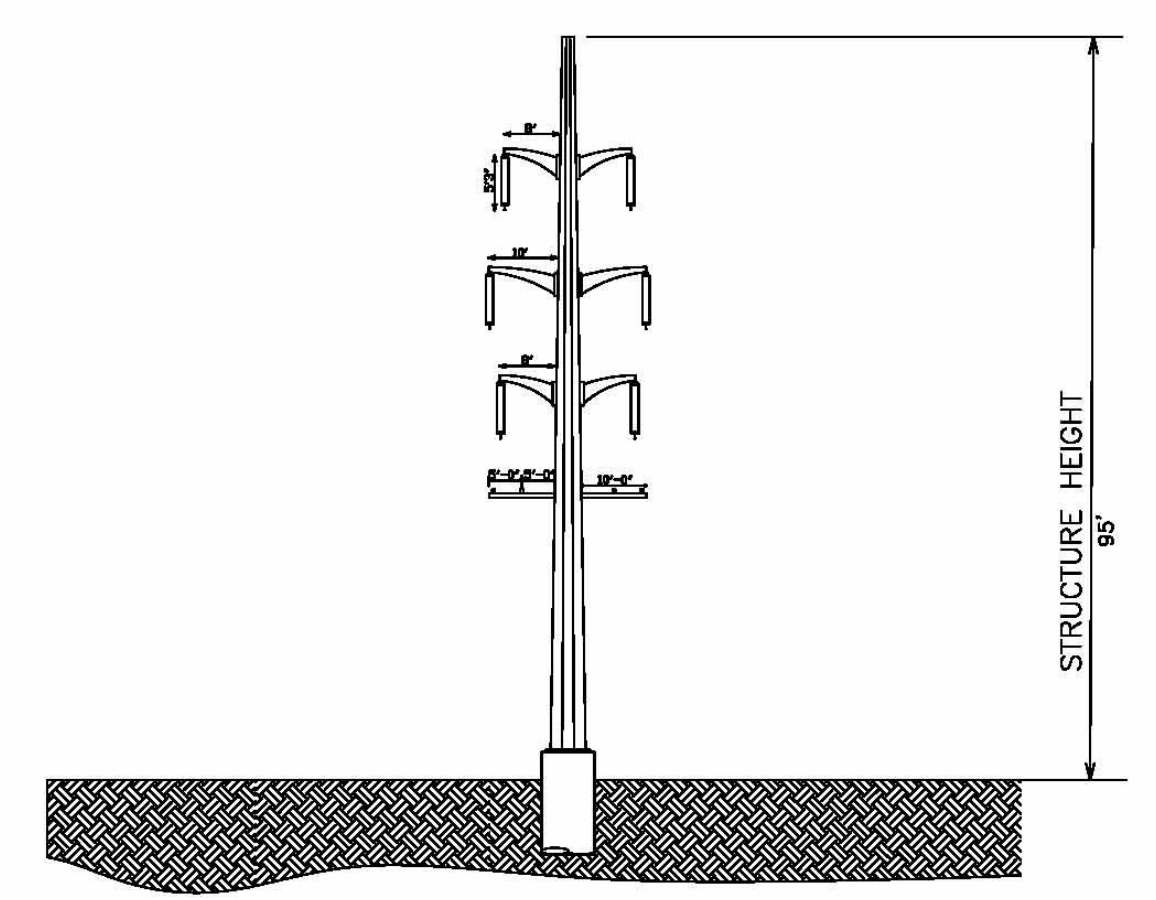

Figure 4. Schematic Diagrams of Typical GRE Structures

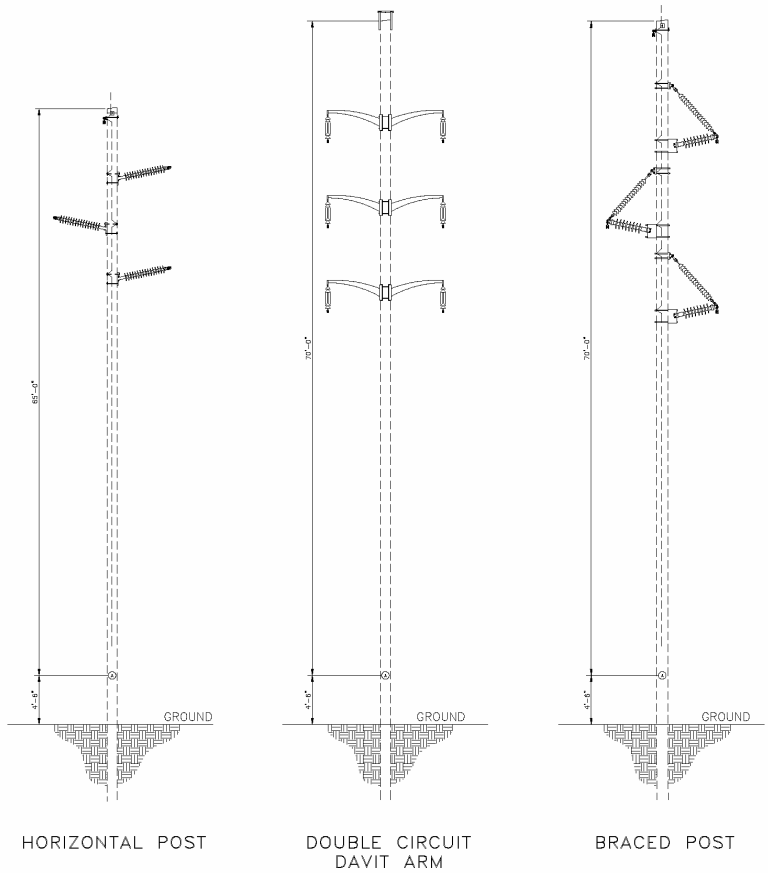

Figure 5. Rother Bypass #1 Alternative Segment

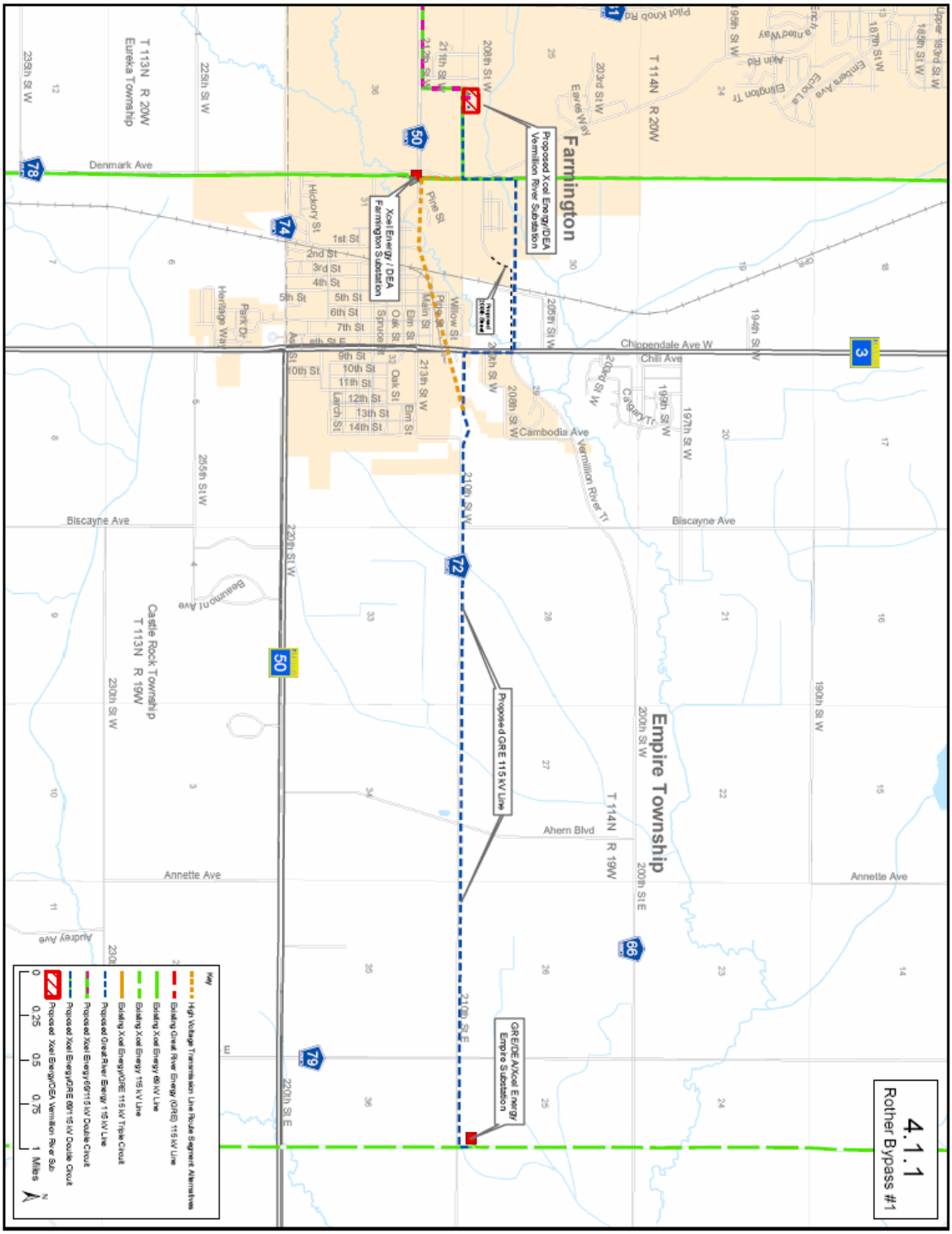

Figure 6. Rother Bypass #2 Alternative Segment

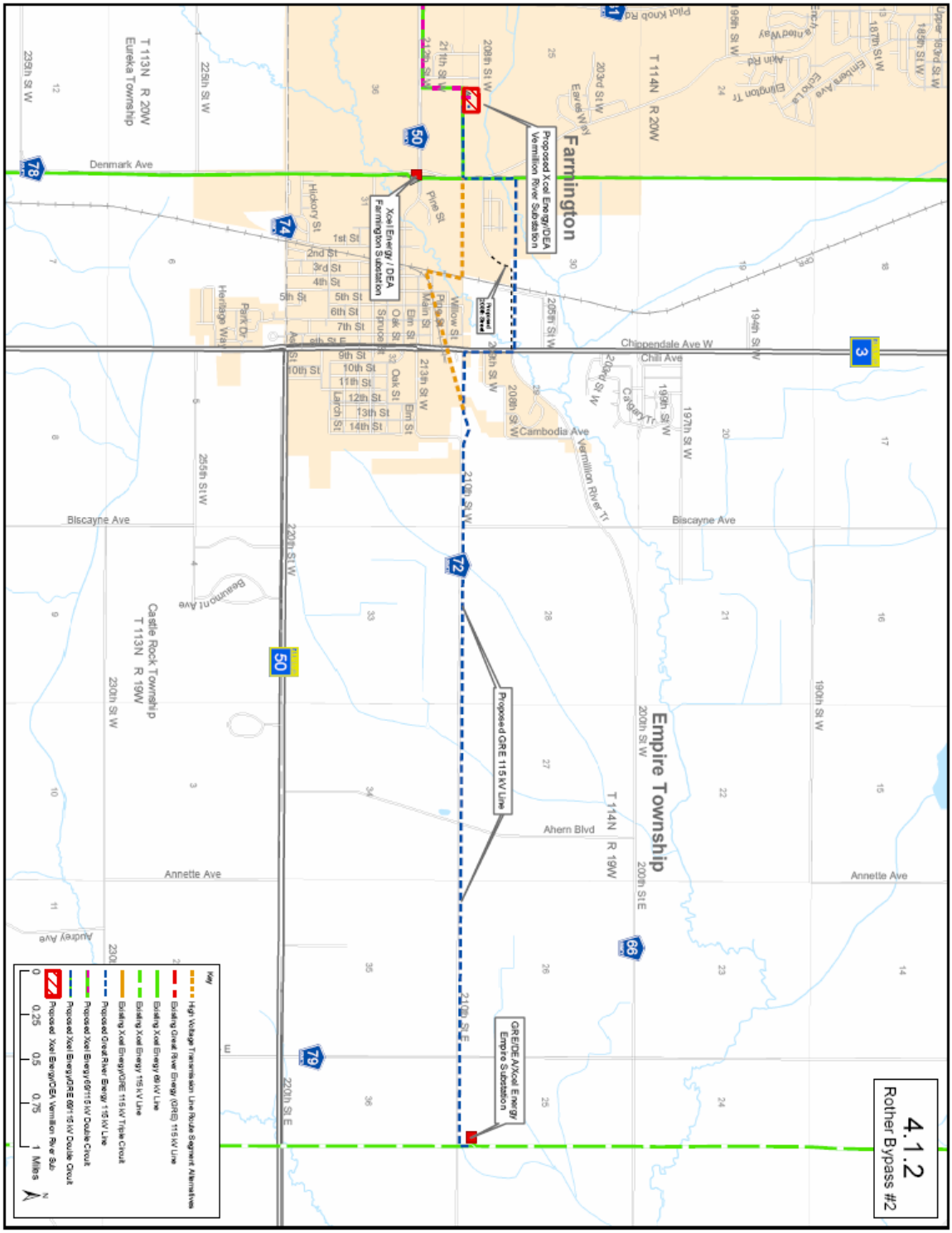

Figure 7. Farmington City Alternative Segment

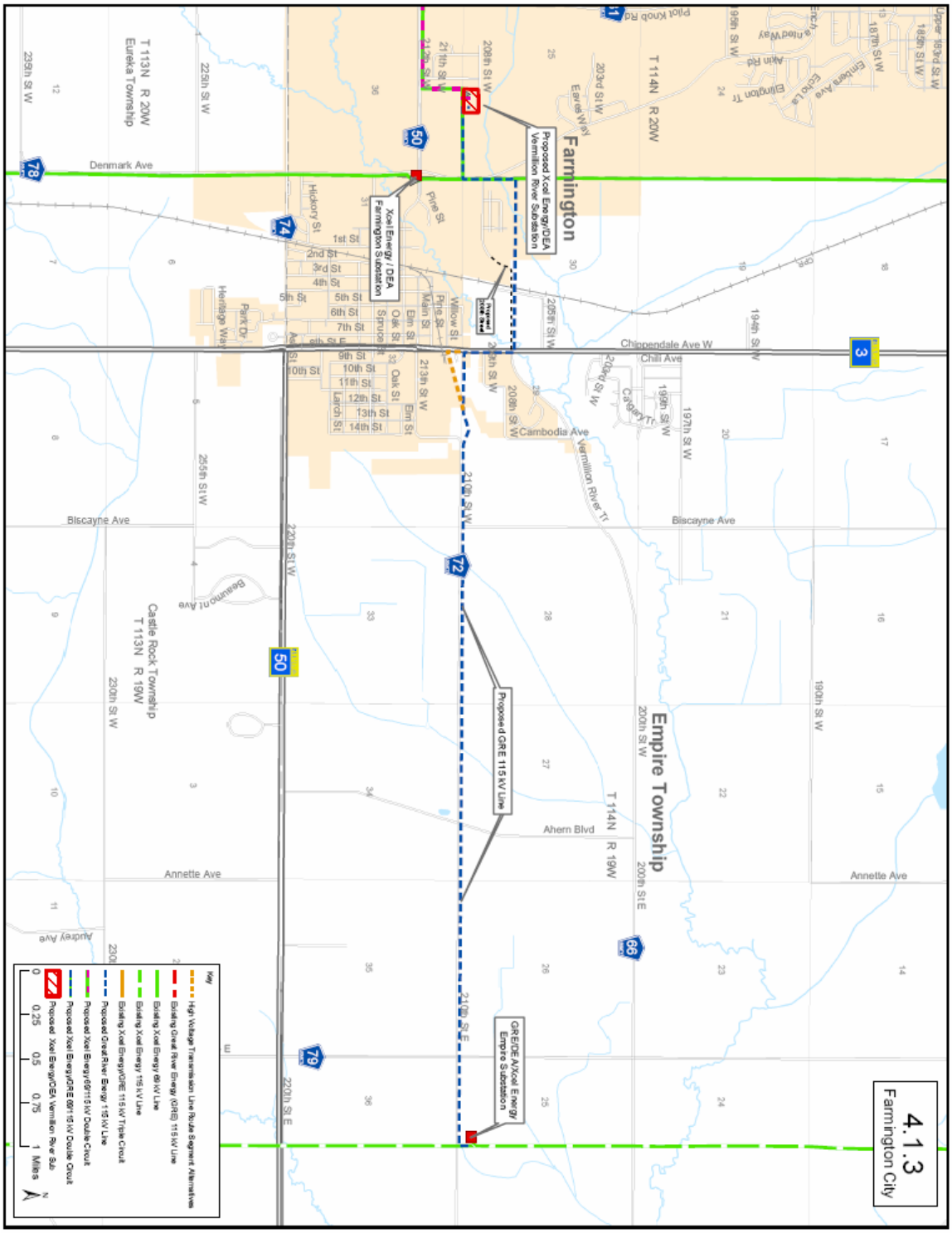

Figure 8. Empire Citizens' #1 Alternative Segment

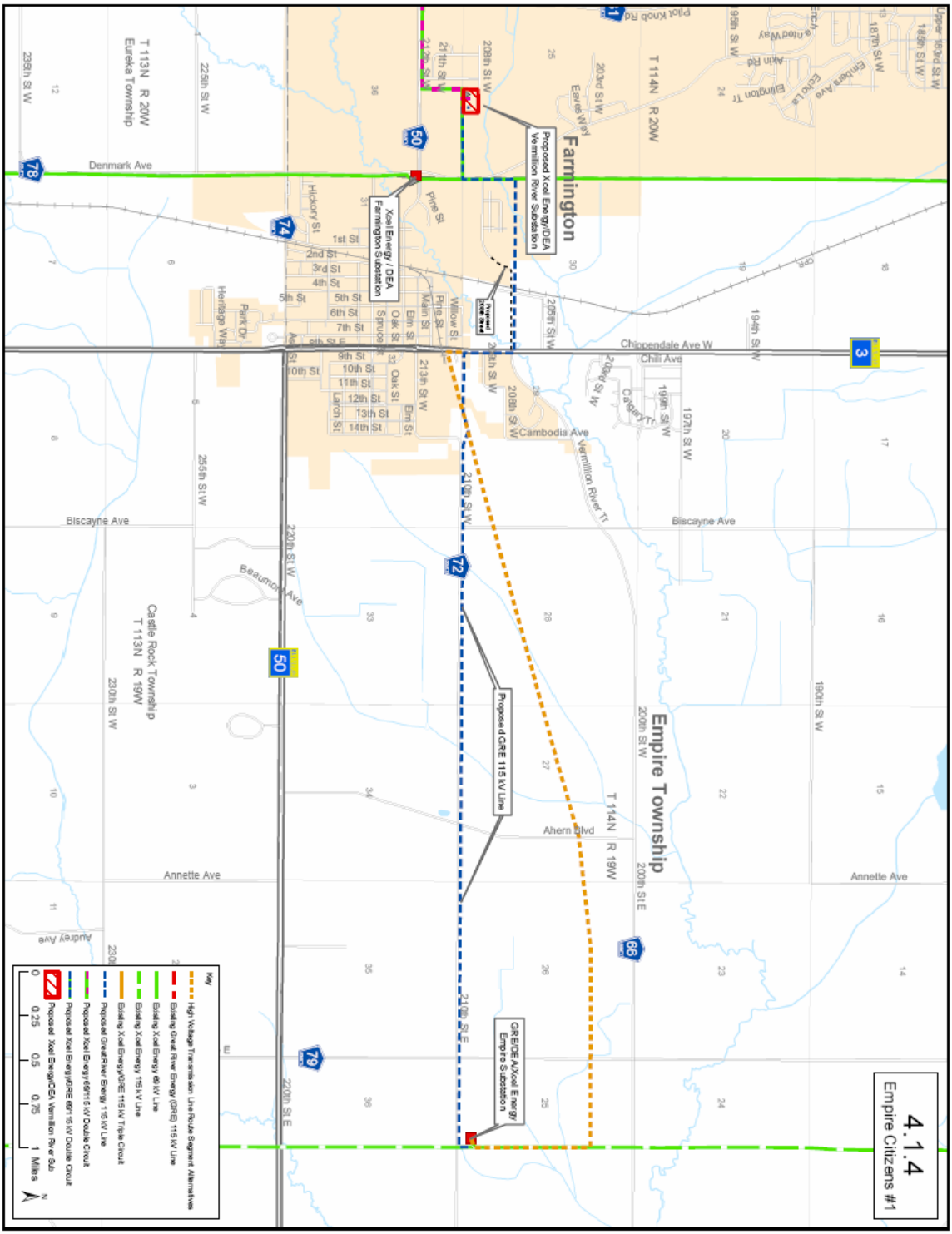

Figure 9. Empire Citizens' #2 Alternative Segment

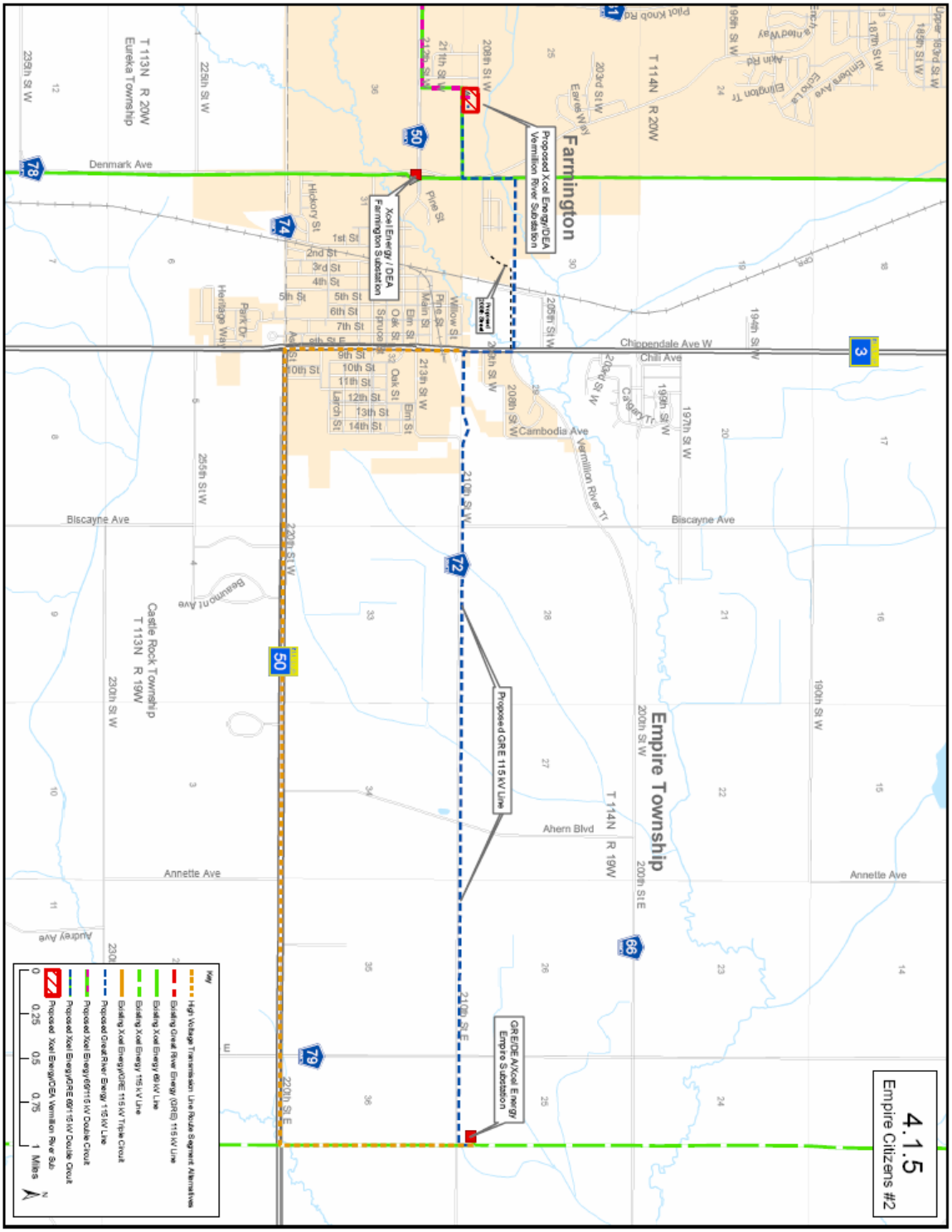

Figure 10. Empire Citizens' #3 Alternative Segment

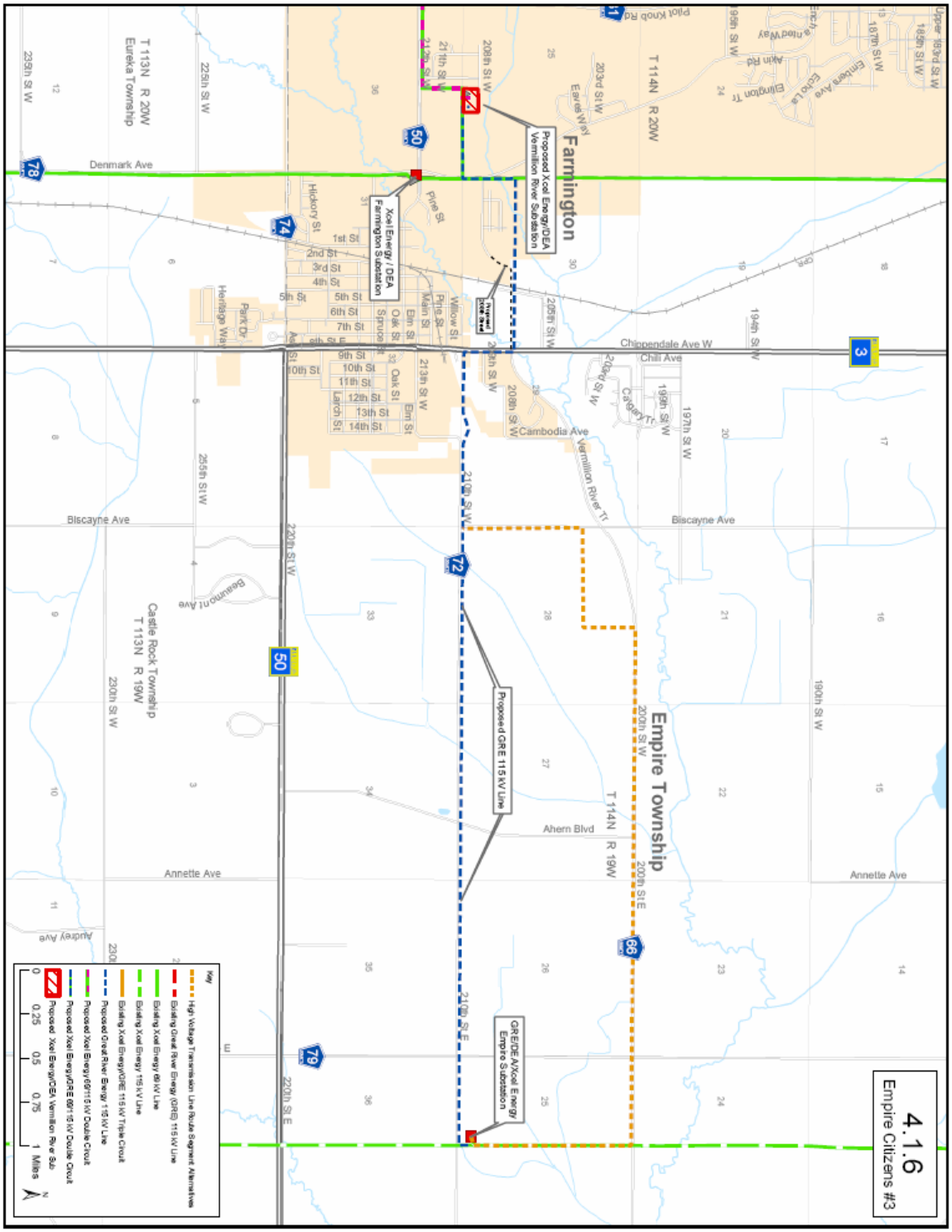

Figure 11. Empire Citizens' #4 Alternative Segment

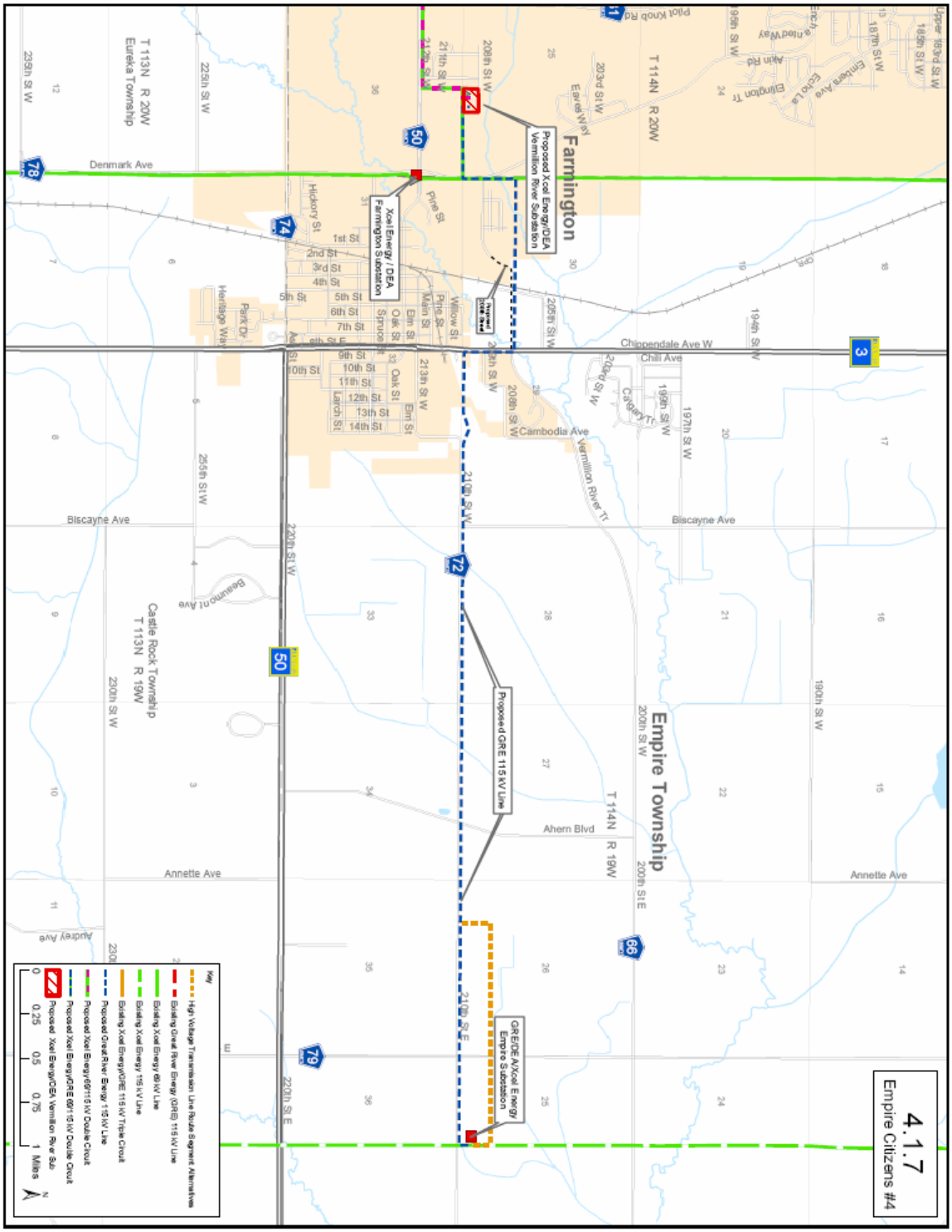

Figure 12. Empire Citizens' #5 Alternative Segment

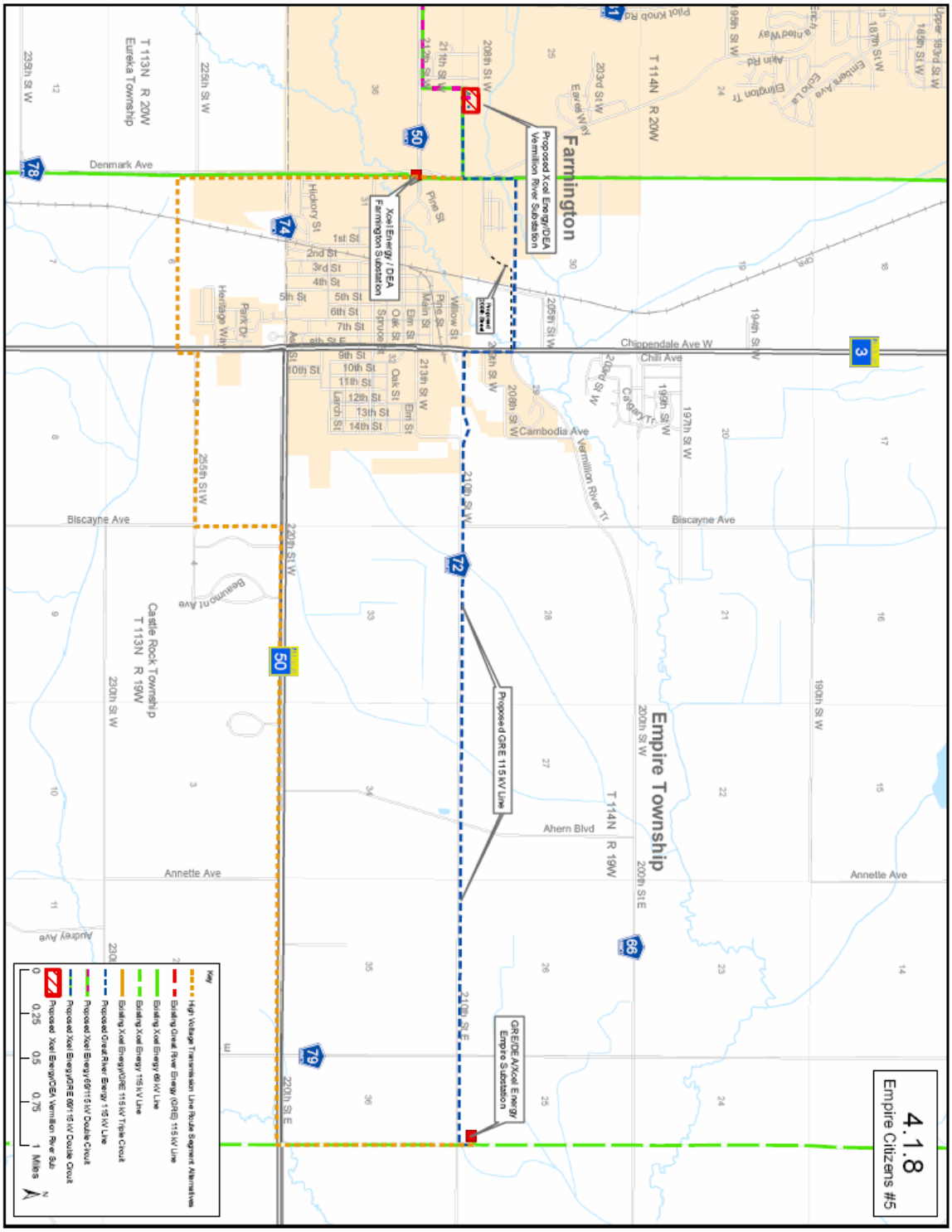

Figure 13. Land Use Map

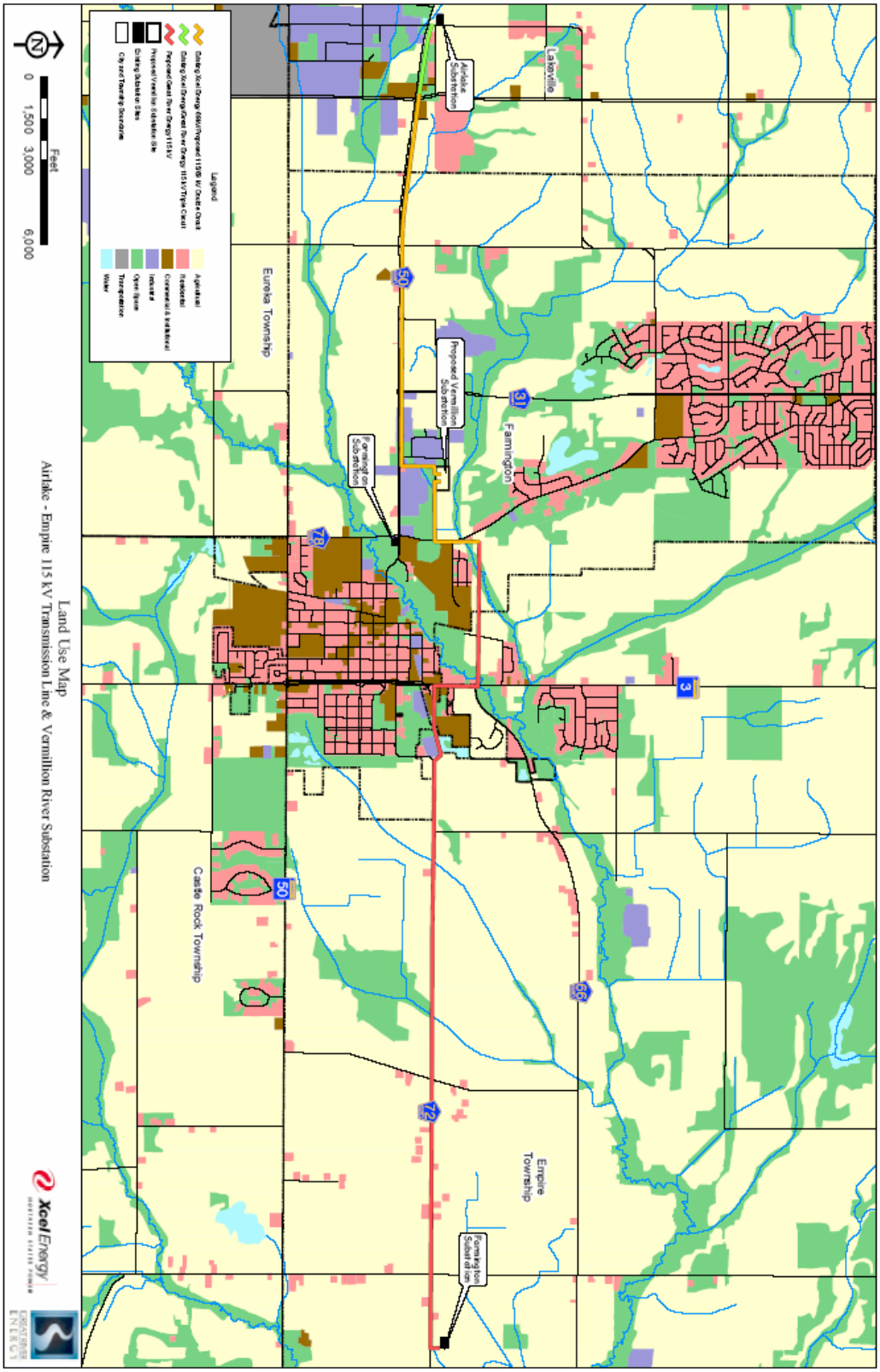

Figure 14. Adapted GRE/Rother Proposal (west)

Figure 15. Adapted GRE/Rother Proposal (east)

Figure 16. West across river (existing distribution line)

Figure 17. Eastward along abandoned railway right-of-way

Figure 18. East from Biscayne Avenue, approximating abandoned RR right-of-way

Figure 19. Southwest from CR 66 looking toward farm on Biscayne Avenue

Figure 20. Development north of 210th; an irrigation ravine further to the north