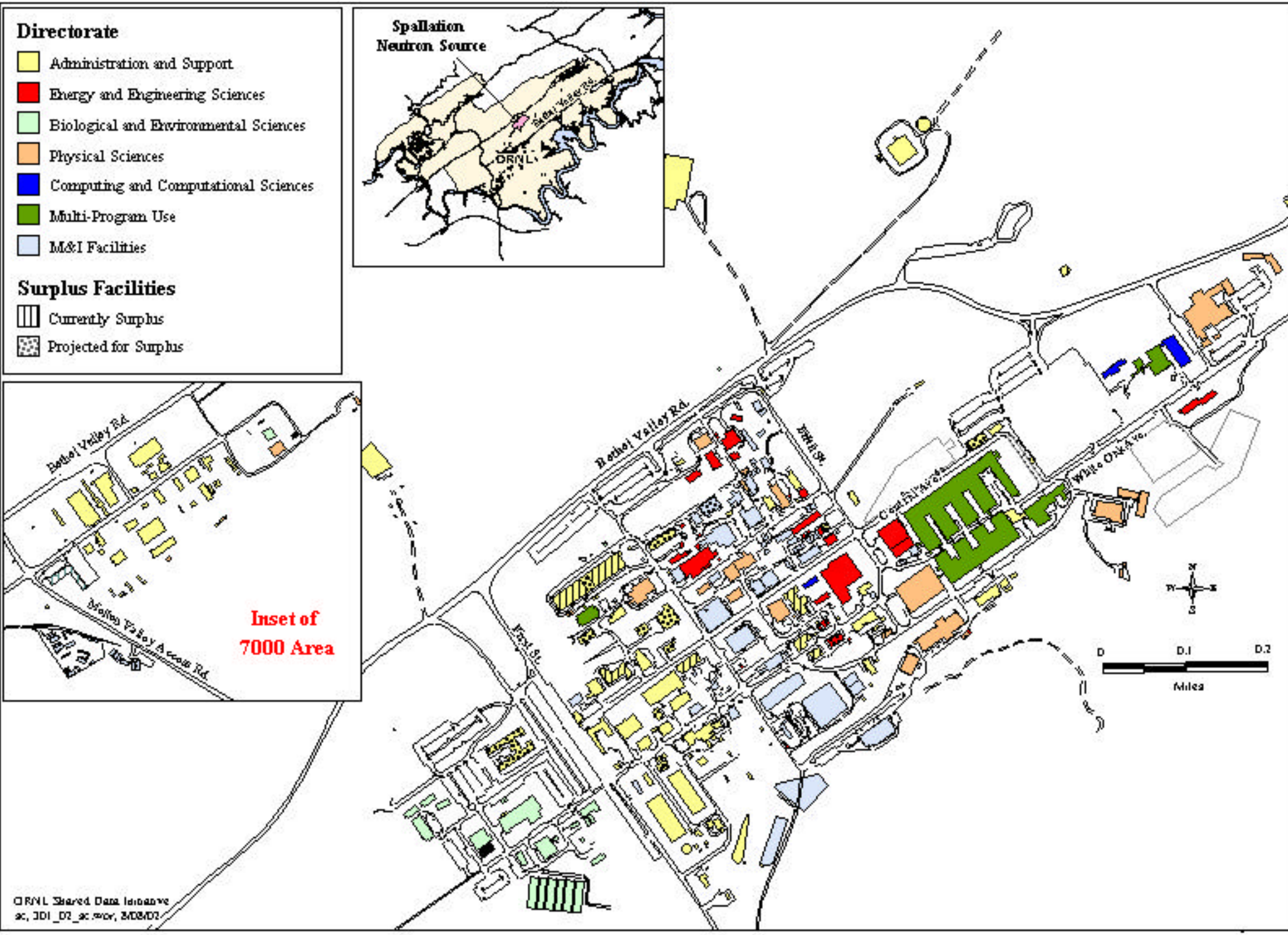


Fig. 3.1. ORNL Bethel Valley area facility uses.

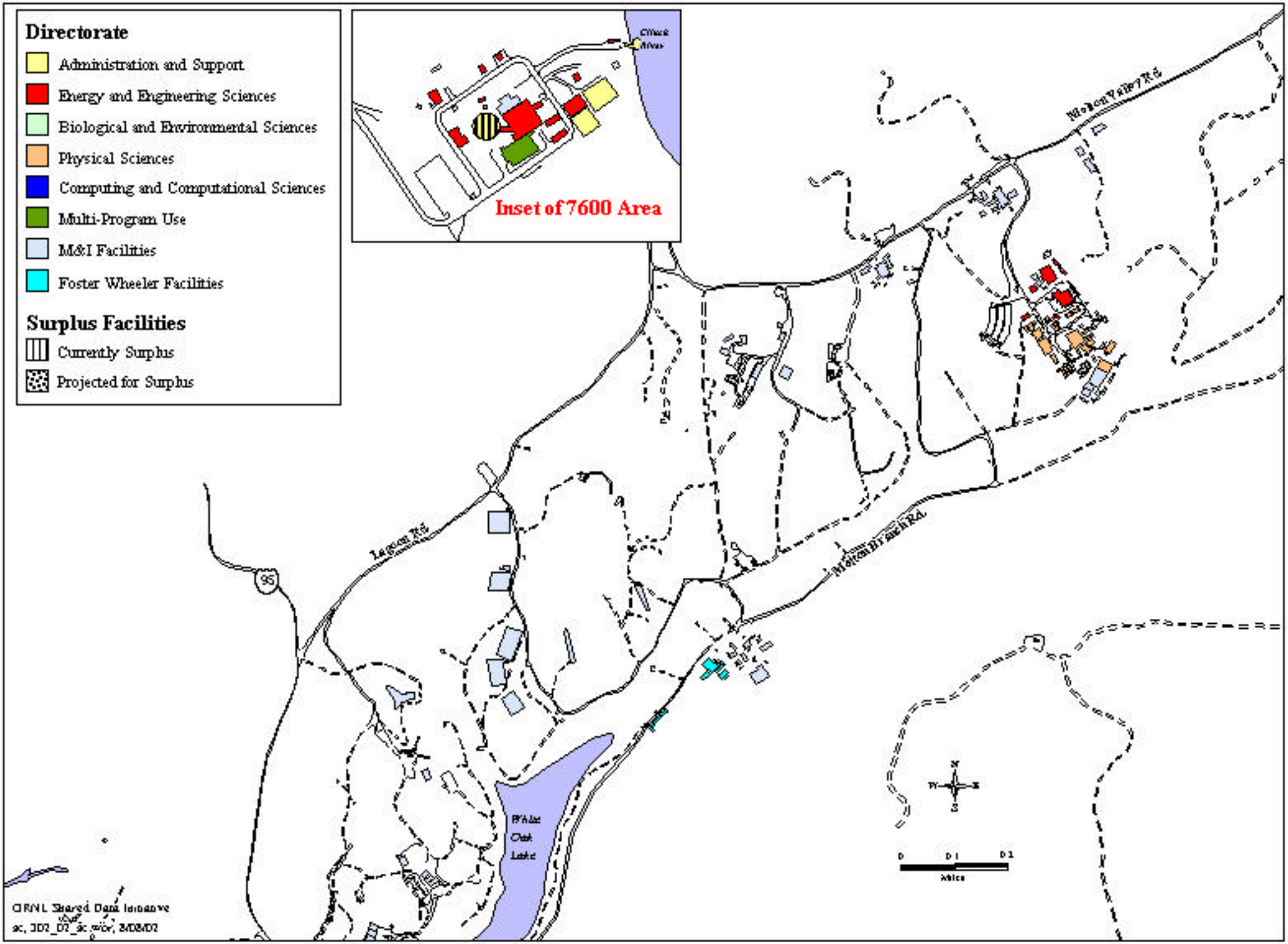


Fig. 3.2. ORNL Melton Valley area facility uses.

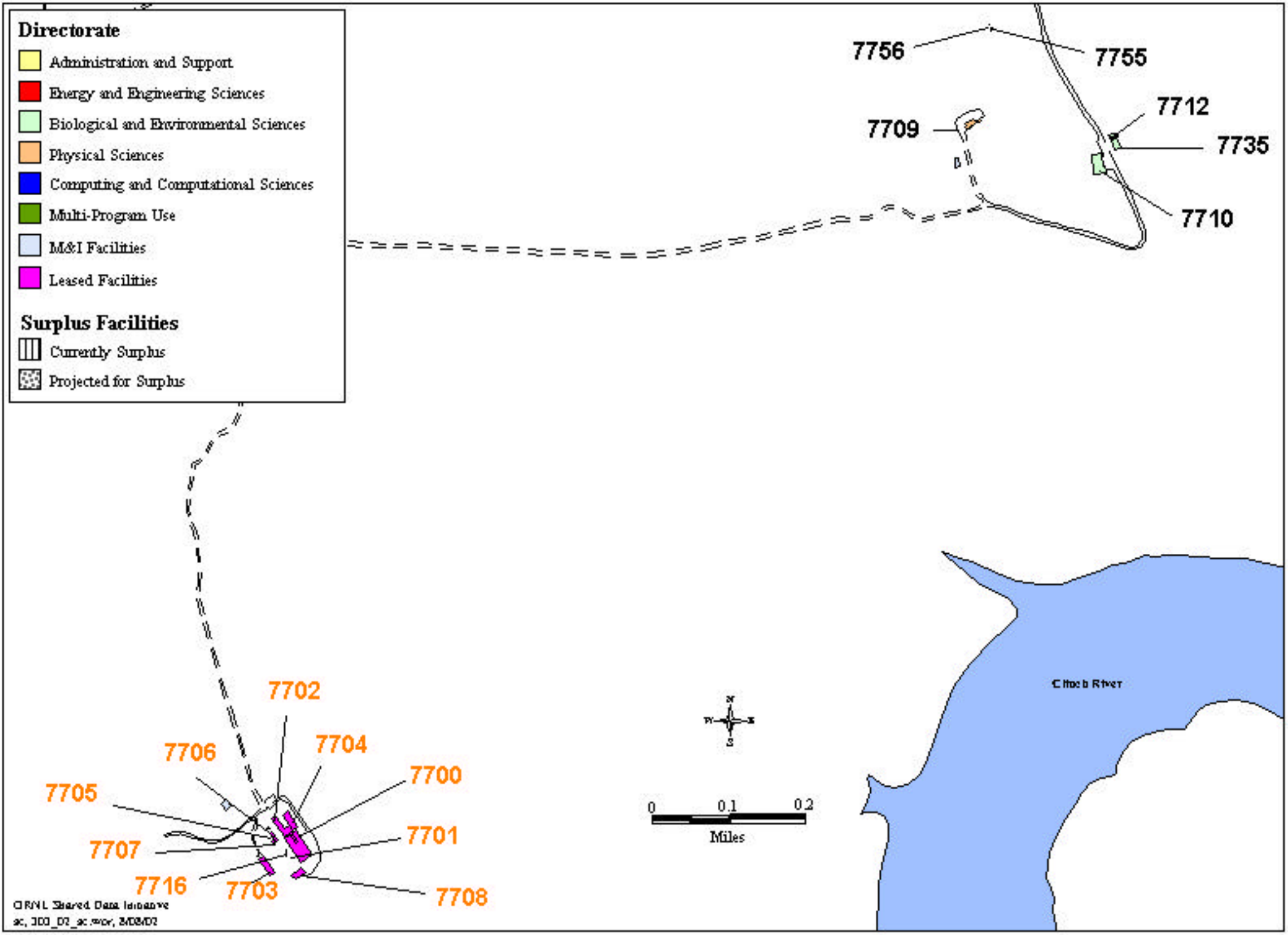


Fig. 3.3. ORNL Copper Ridge area facility uses.

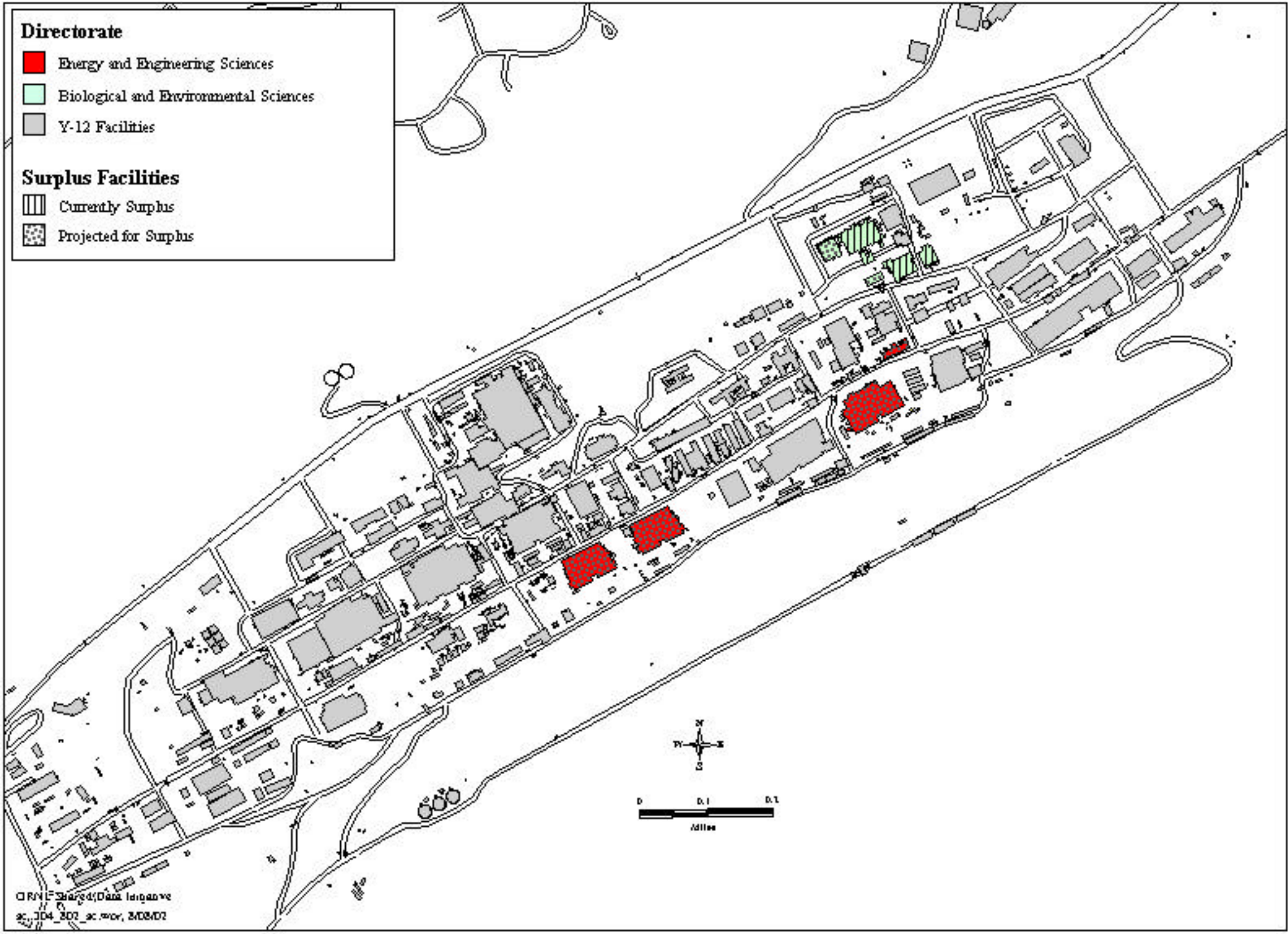


Fig. 3.4. ORNL at Y-12 facility uses.

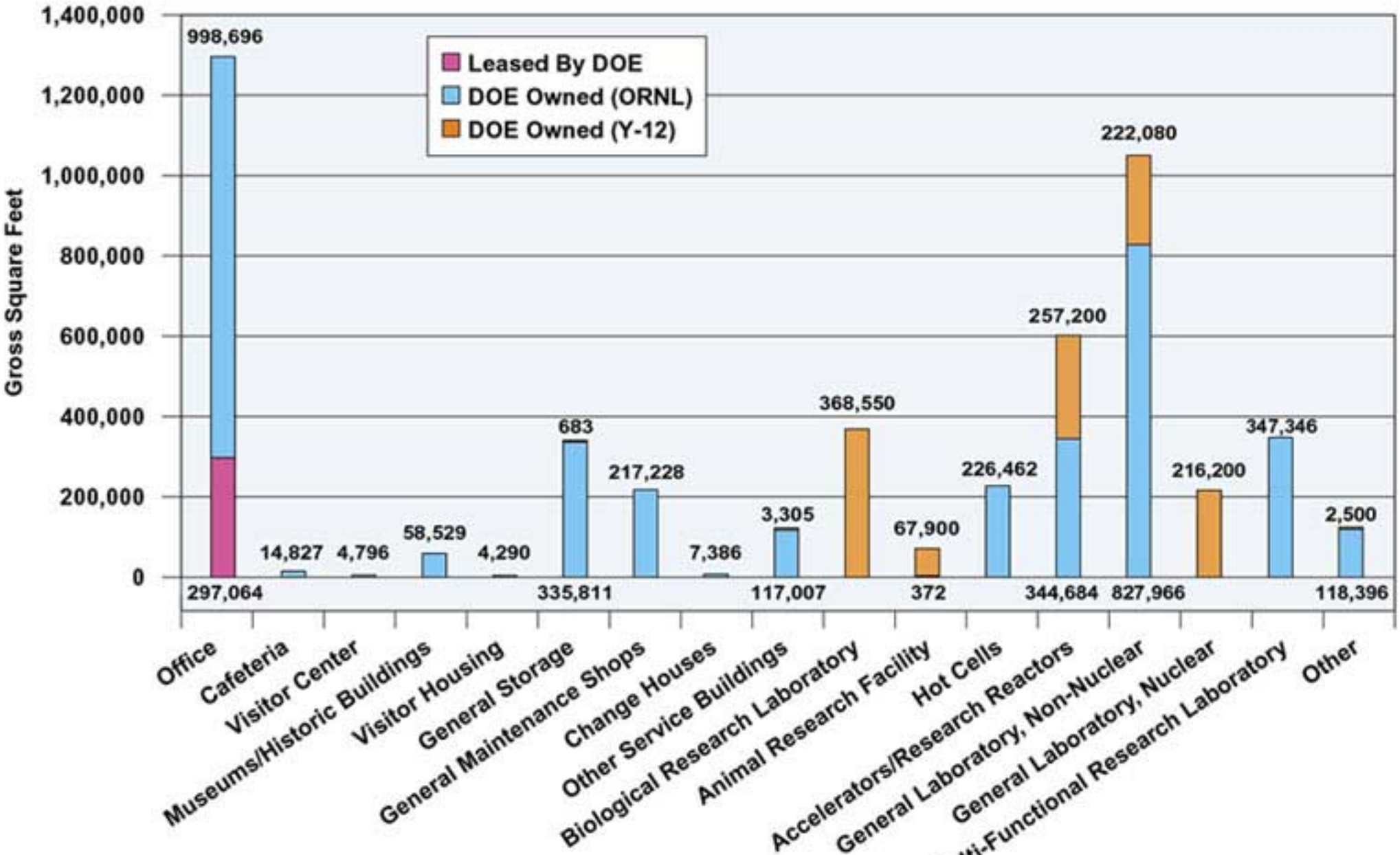


Figure 3.5. Use of ORNL space.

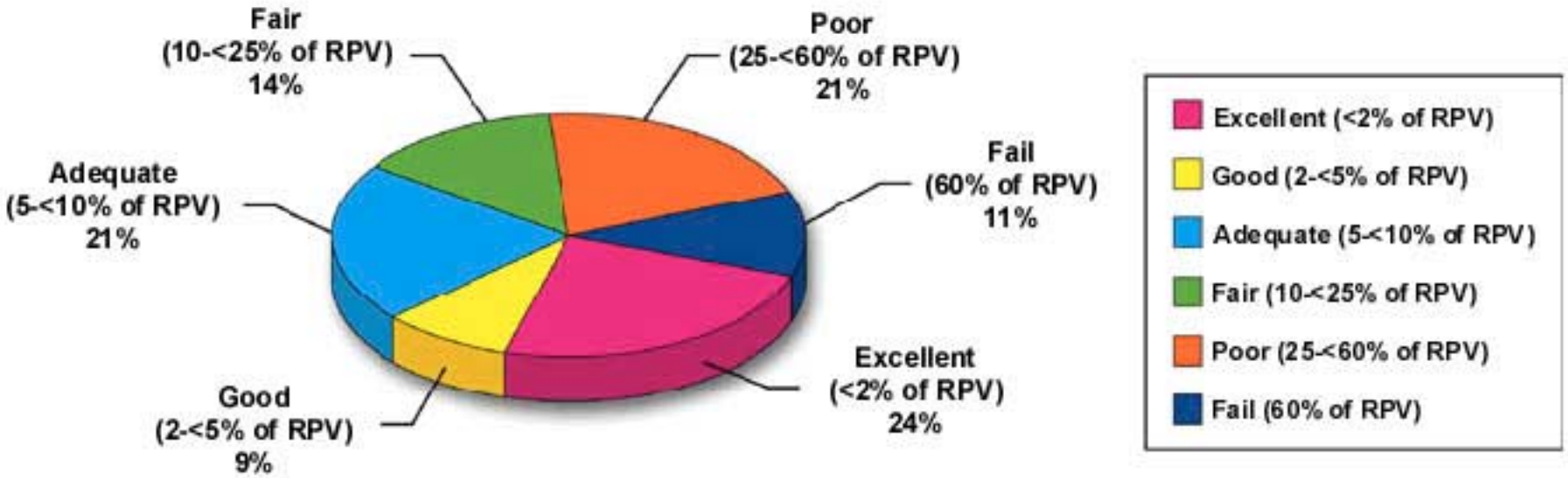


Figure 3.6. Condition of space at ORNL.

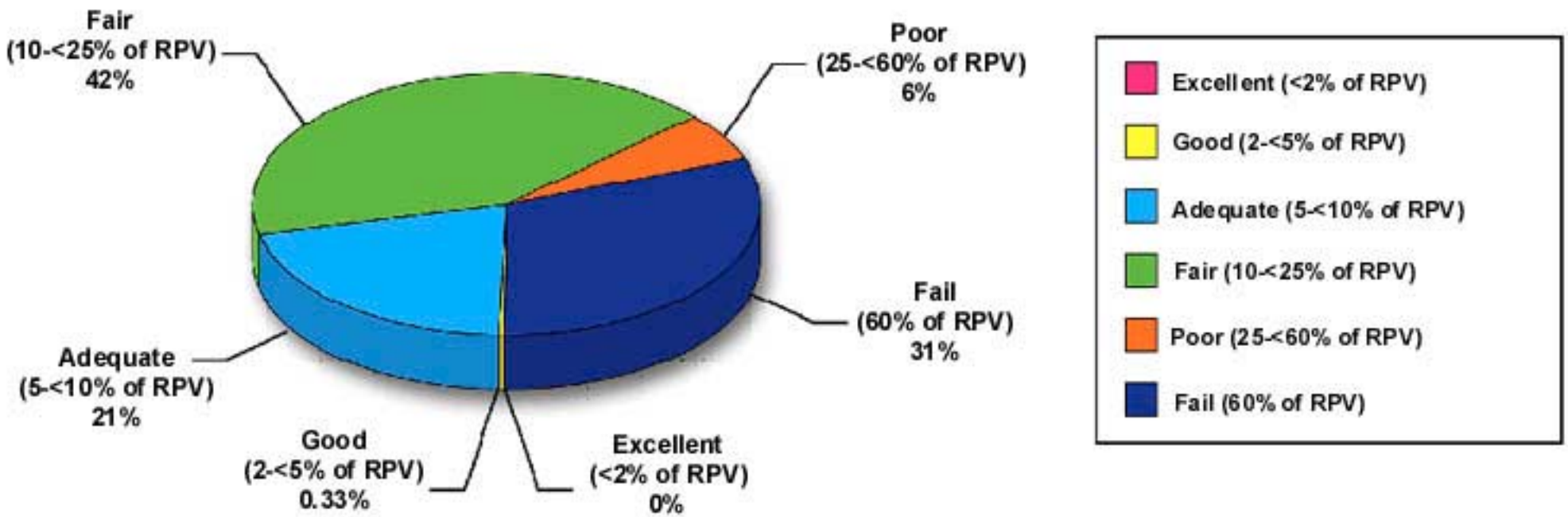


Figure 3.7. Condition of ORNL space at Y-12.

Fig. 3.8. Building 2001 (constructed in 1948).

Fig. 3.9. Building 3550 (constructed in 1943).

Fig. 3.10. The "new" ORNL Cafeteria (constructed in 1951).

Fig. 3.11. Bricks falling off Building 9207 at Y-12.

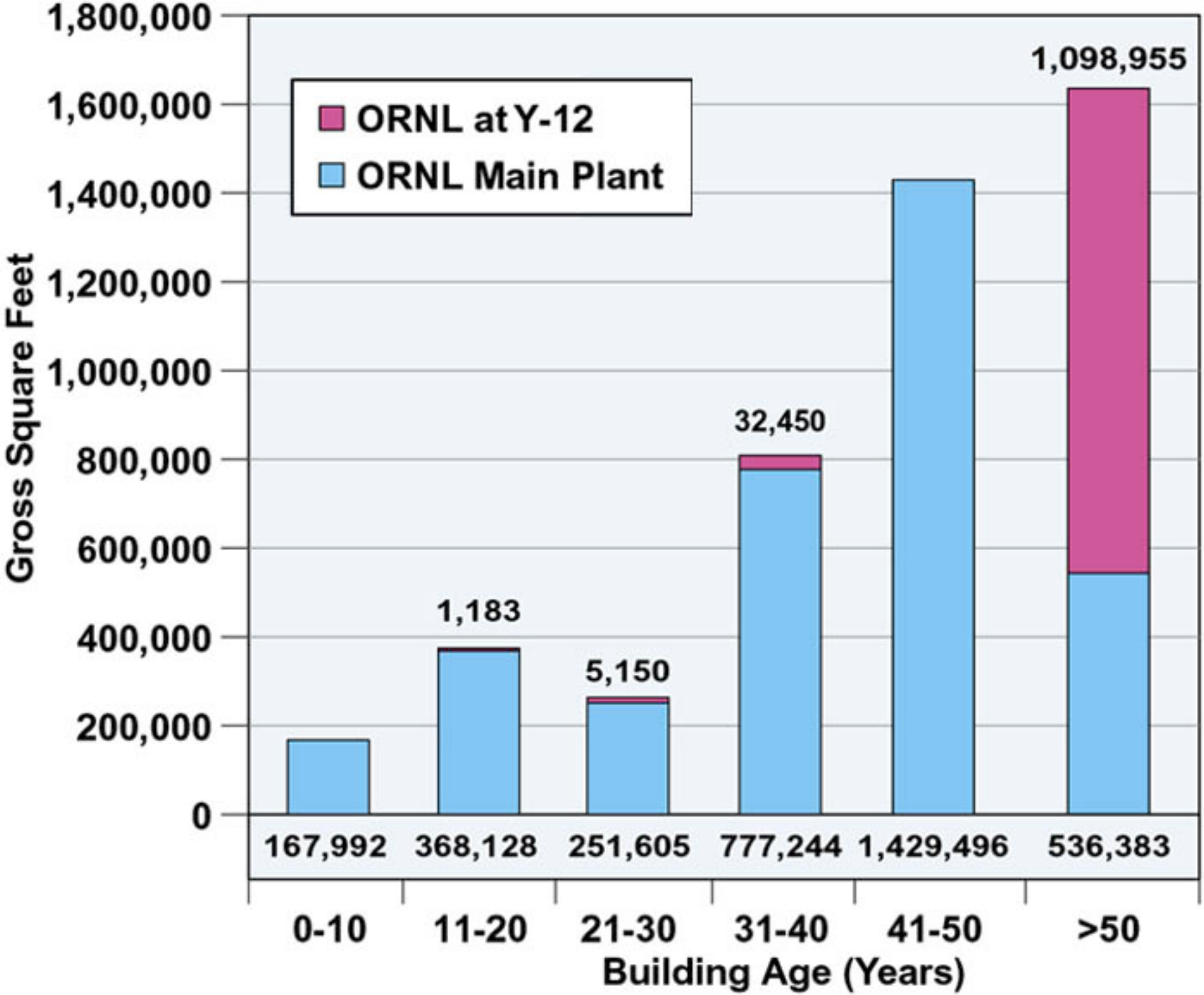


Figure 3.12. Age of ORNL buildings.

Fig. 3.13. Advanced Materials Characterization Laboratory.

Fig. 3.14. Spallation Neutron Source.

Fig. 3.15. West End Campus view.

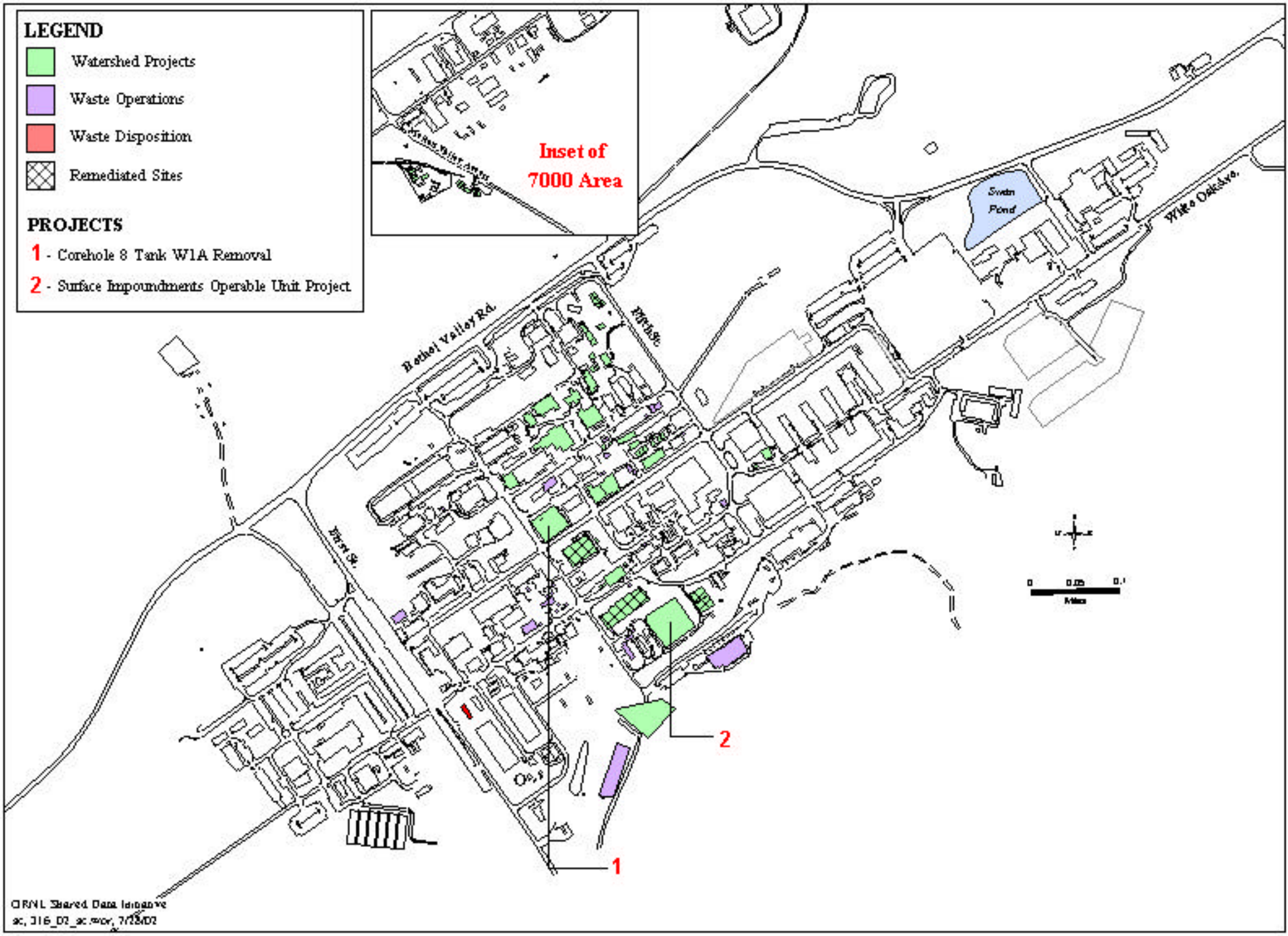


Fig. 3.16. Environmental Management facilities at the ORNL main site, Bethel Valley.

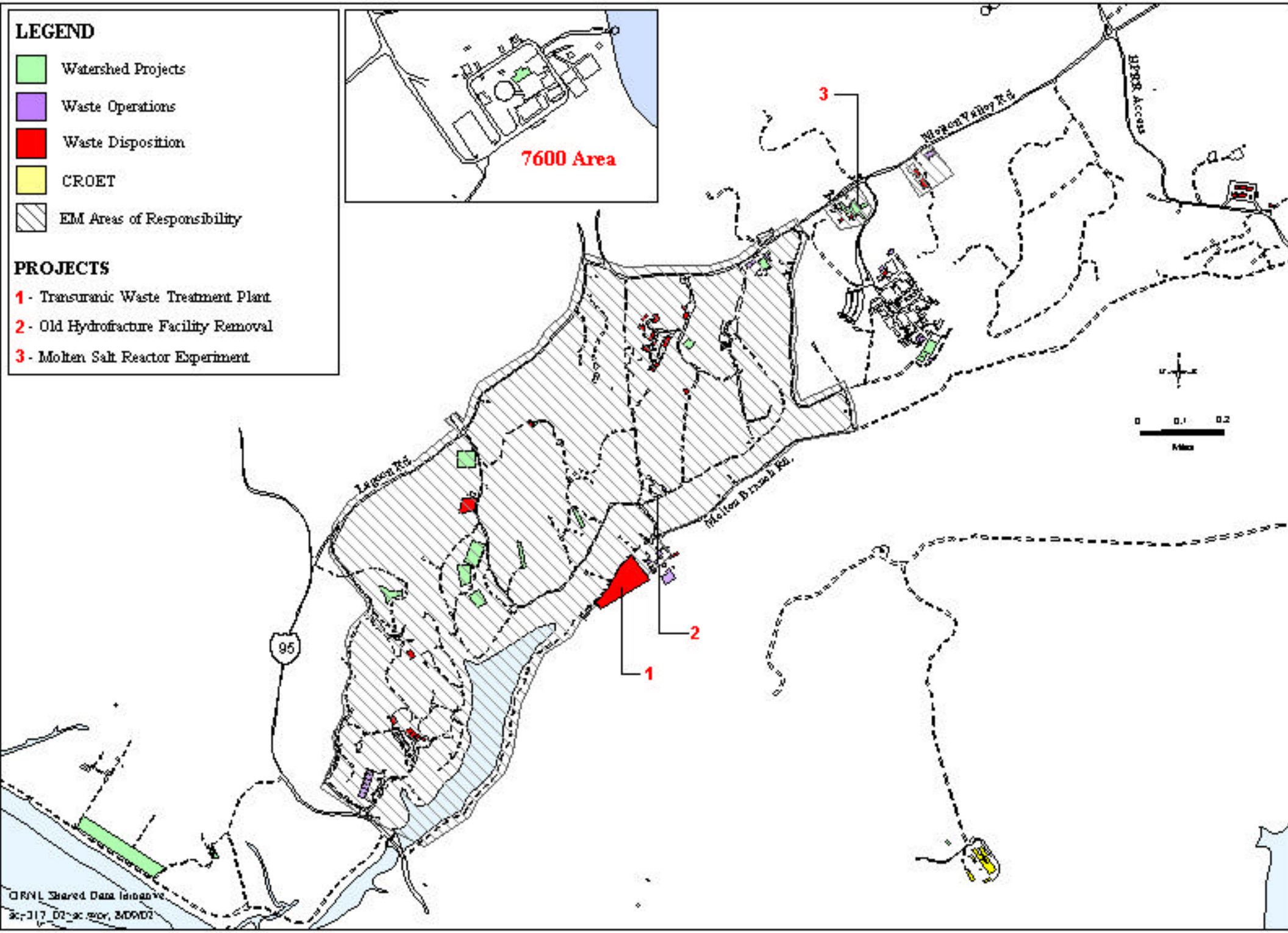


Fig. 3.17. Environmental Management facilities at the ORNL main site, Melton Valley.

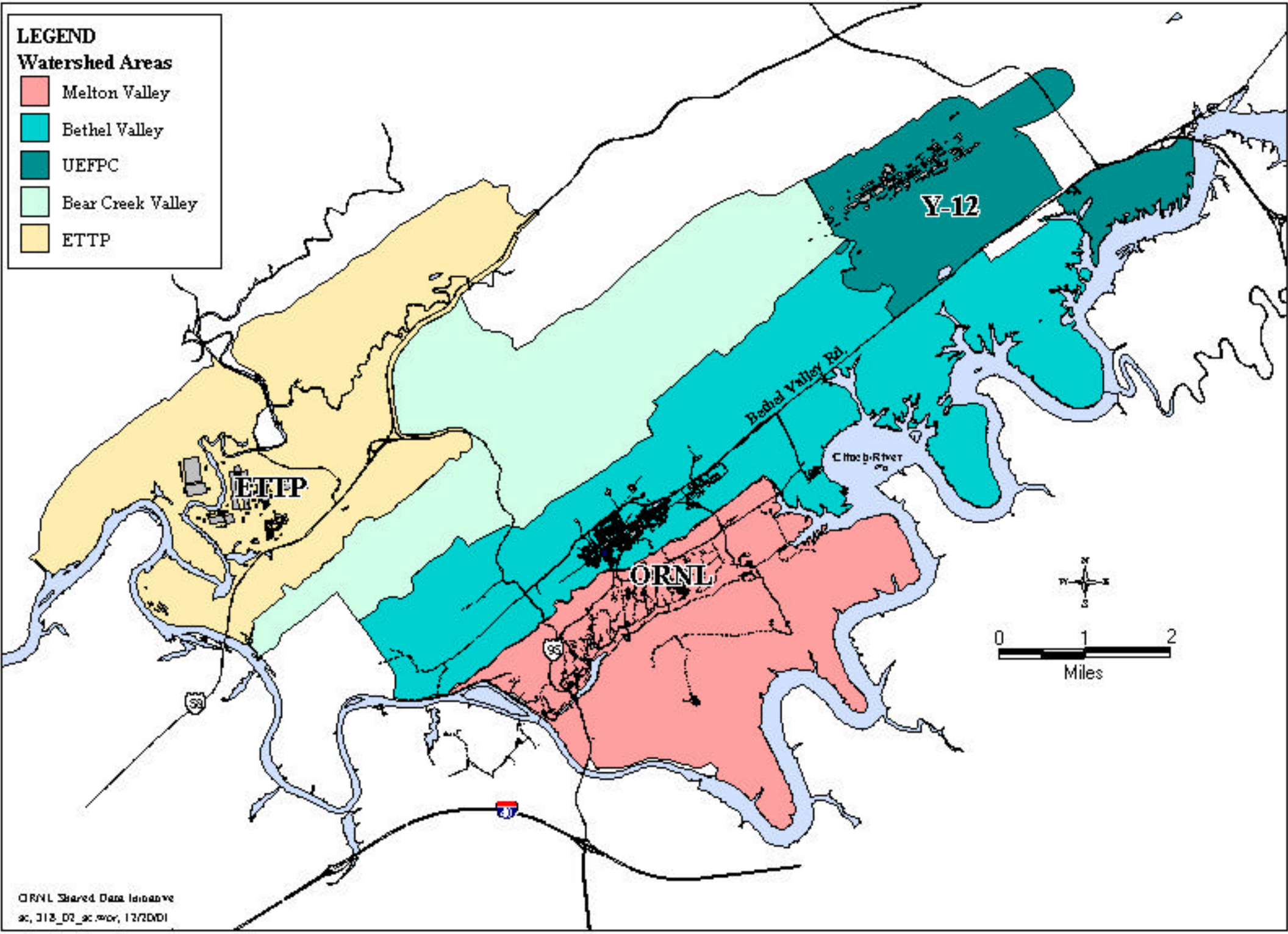


Fig. 3.18. Locations of Environmental Management watershed areas.

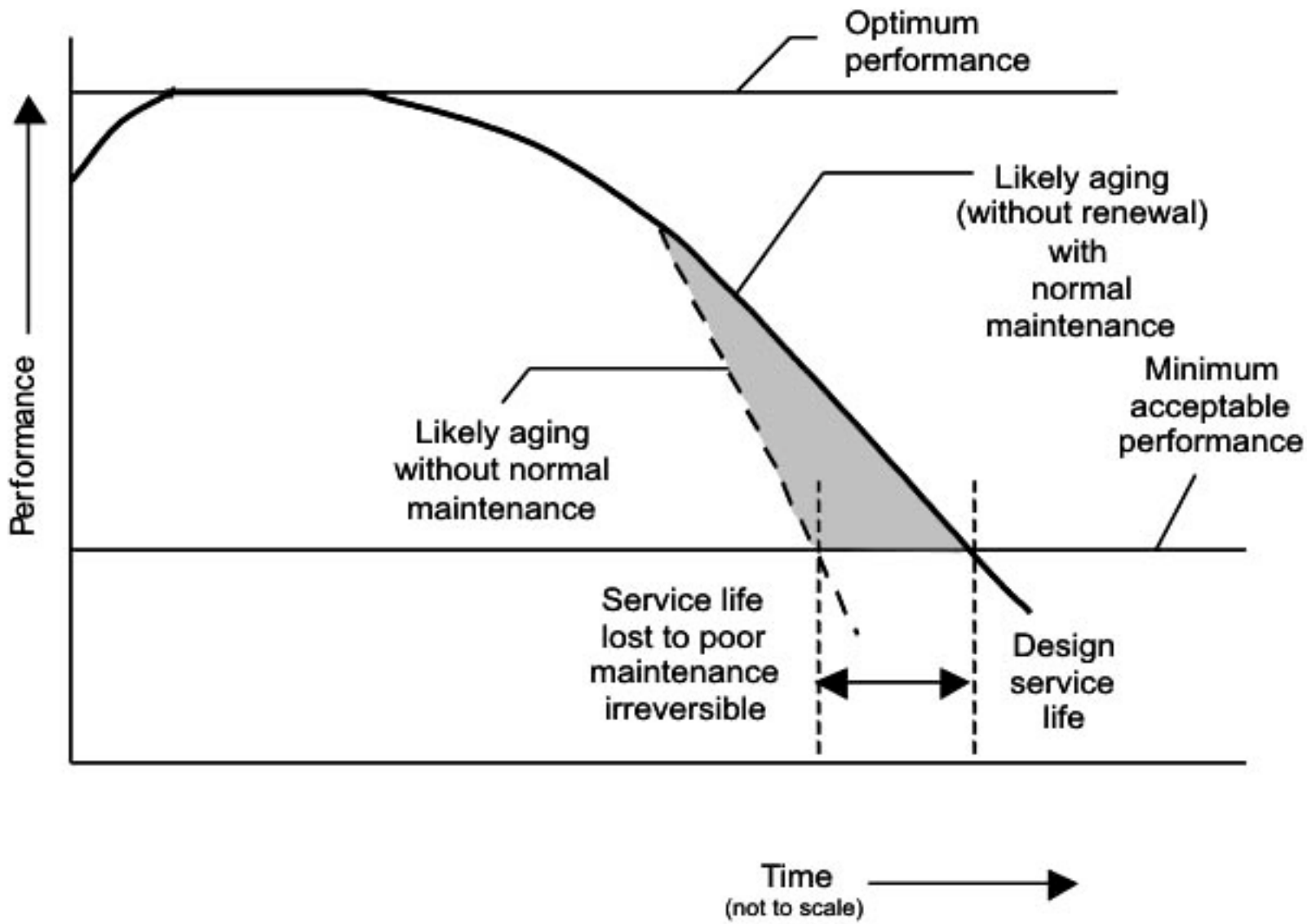


Fig. 3.19. Effect of adequate and timely maintenance and repairs on the service life of a building.
Source: National Research Council, Fig. 1-1 (p. 13) in *Stewardship of Federal Facilities: A Proactive Strategy for Managing the Nation's Public Assets*, National Academy Press, Washington, D.C. 1998.

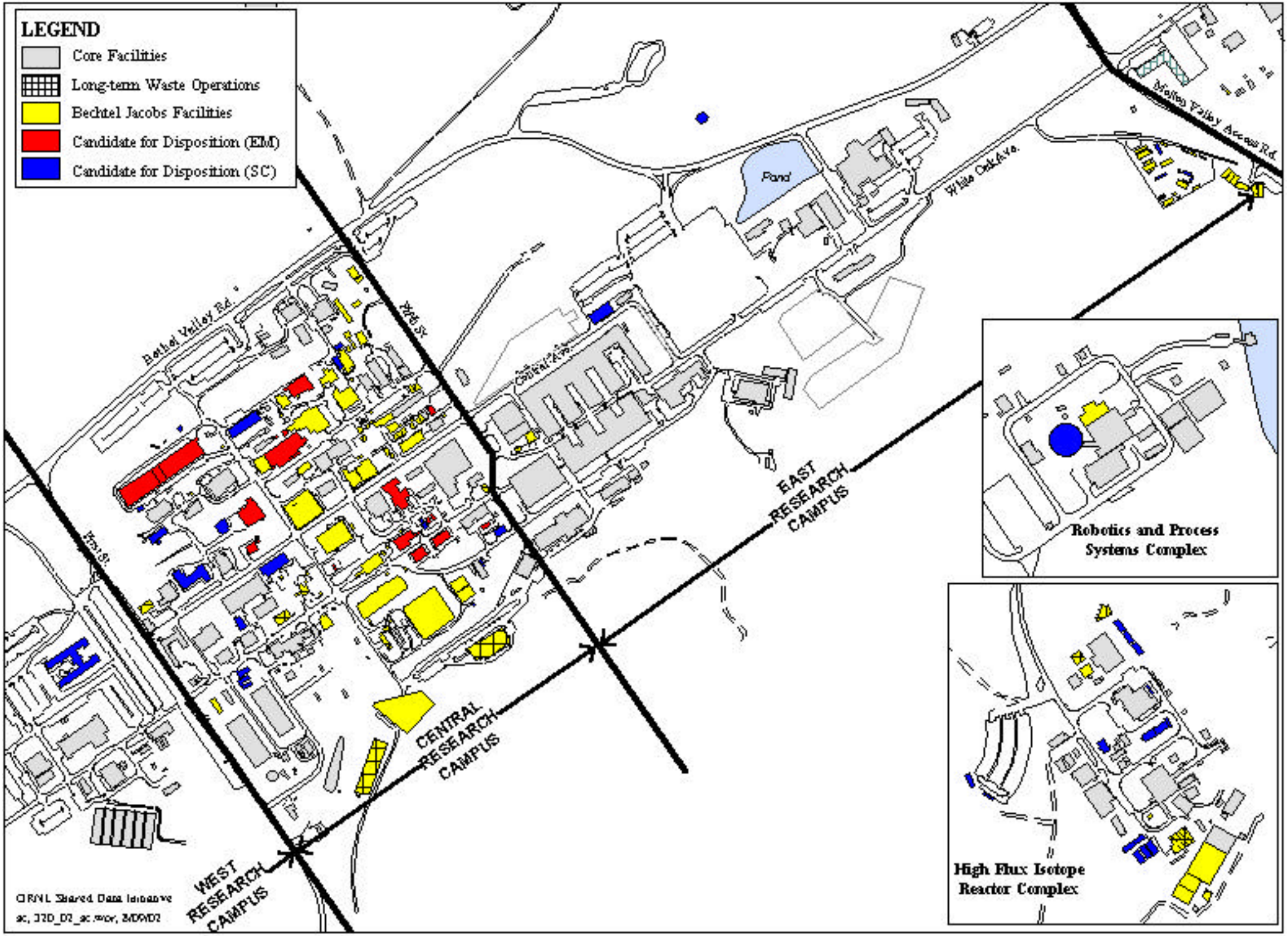


Fig. 3.20. Facilites at the main ORNL site.

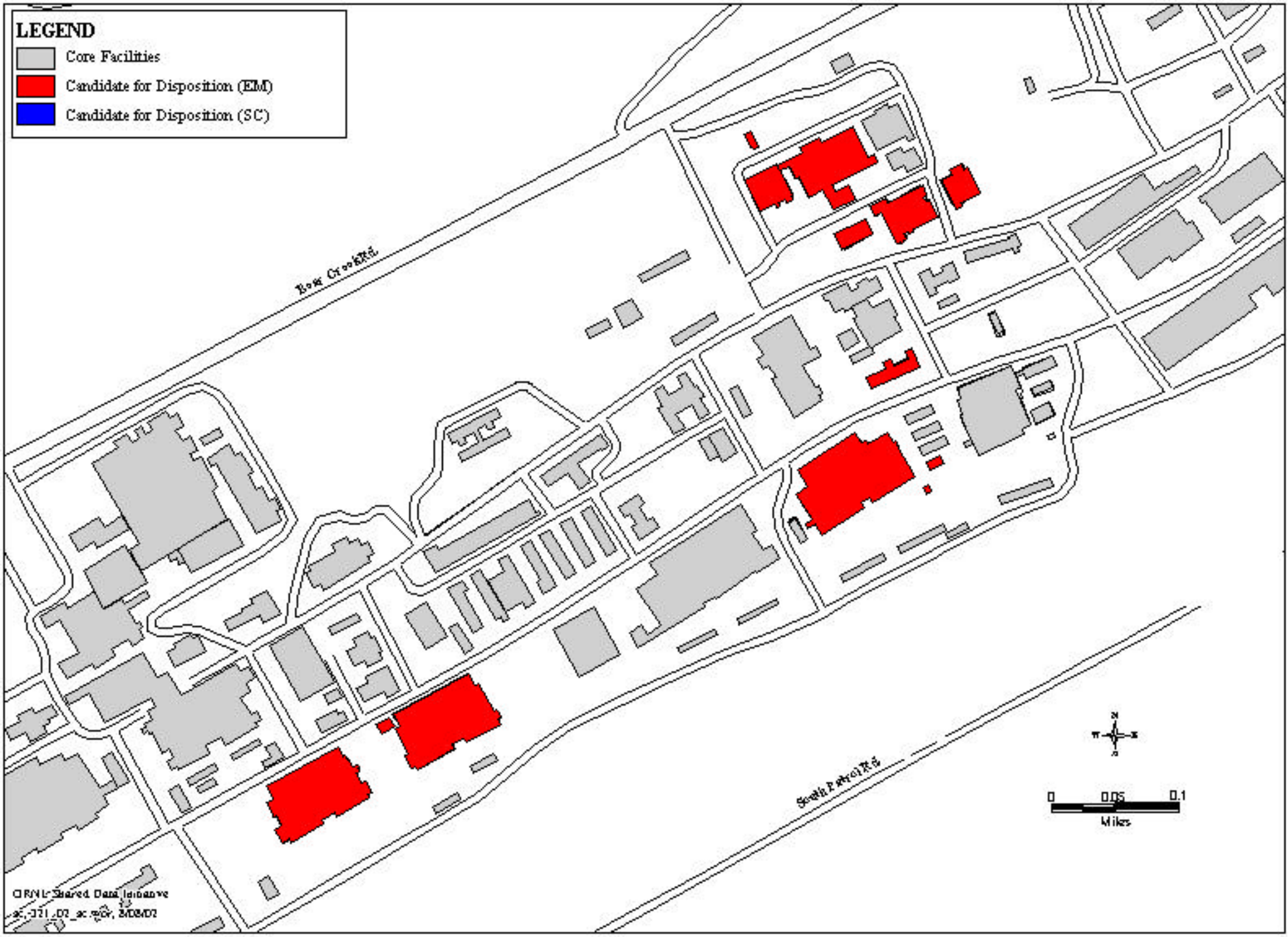


Fig. 3.21. ORNL facilities at Y-12.

Fig. 3.22. Private-sector funded facilities.

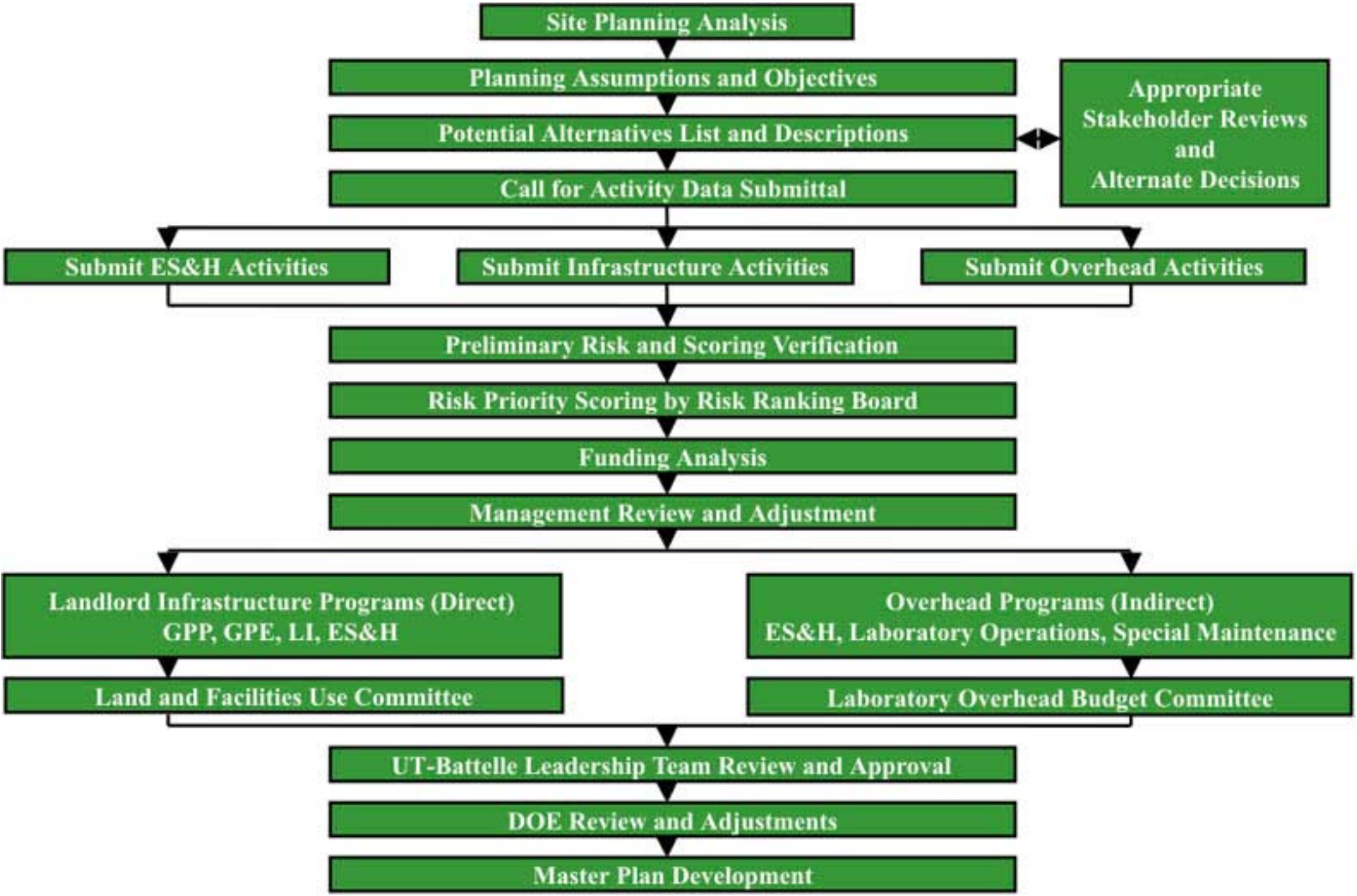


Figure 3.23. ORNL site planning methodology.

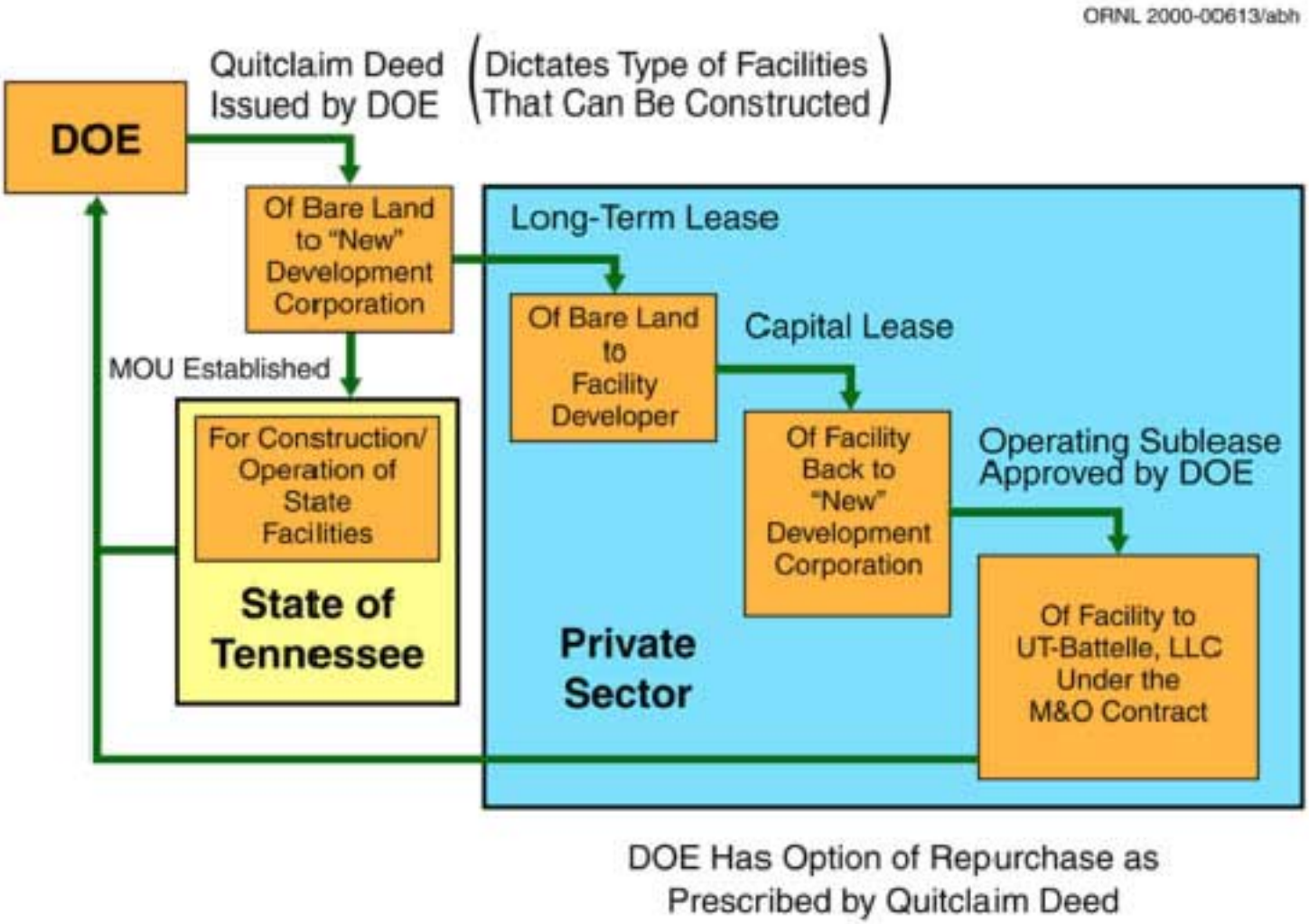


Figure 3.24 Property/Facility lease flow diagram.

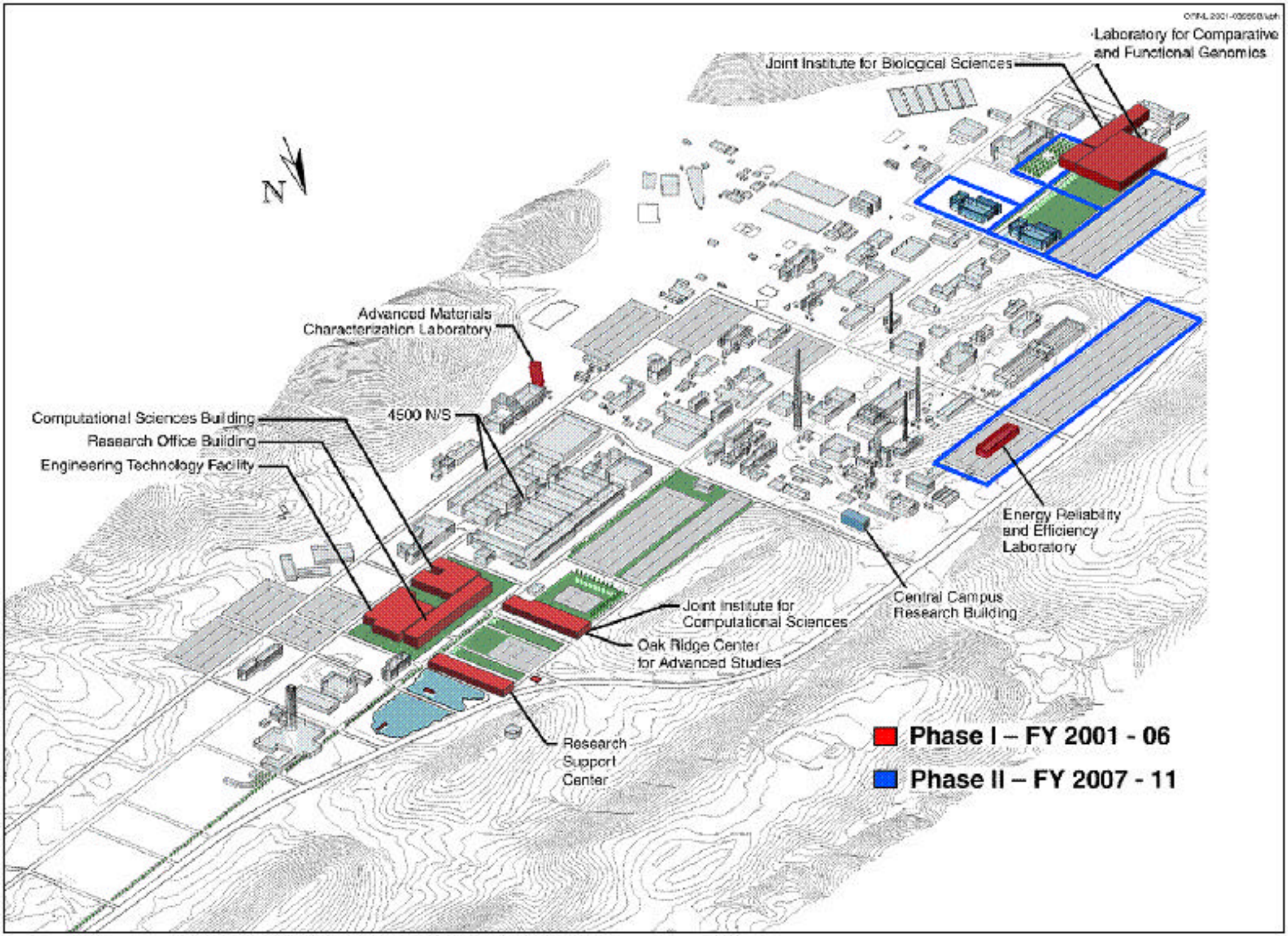


Fig. 3.25. ORNL Master Plan for site development.

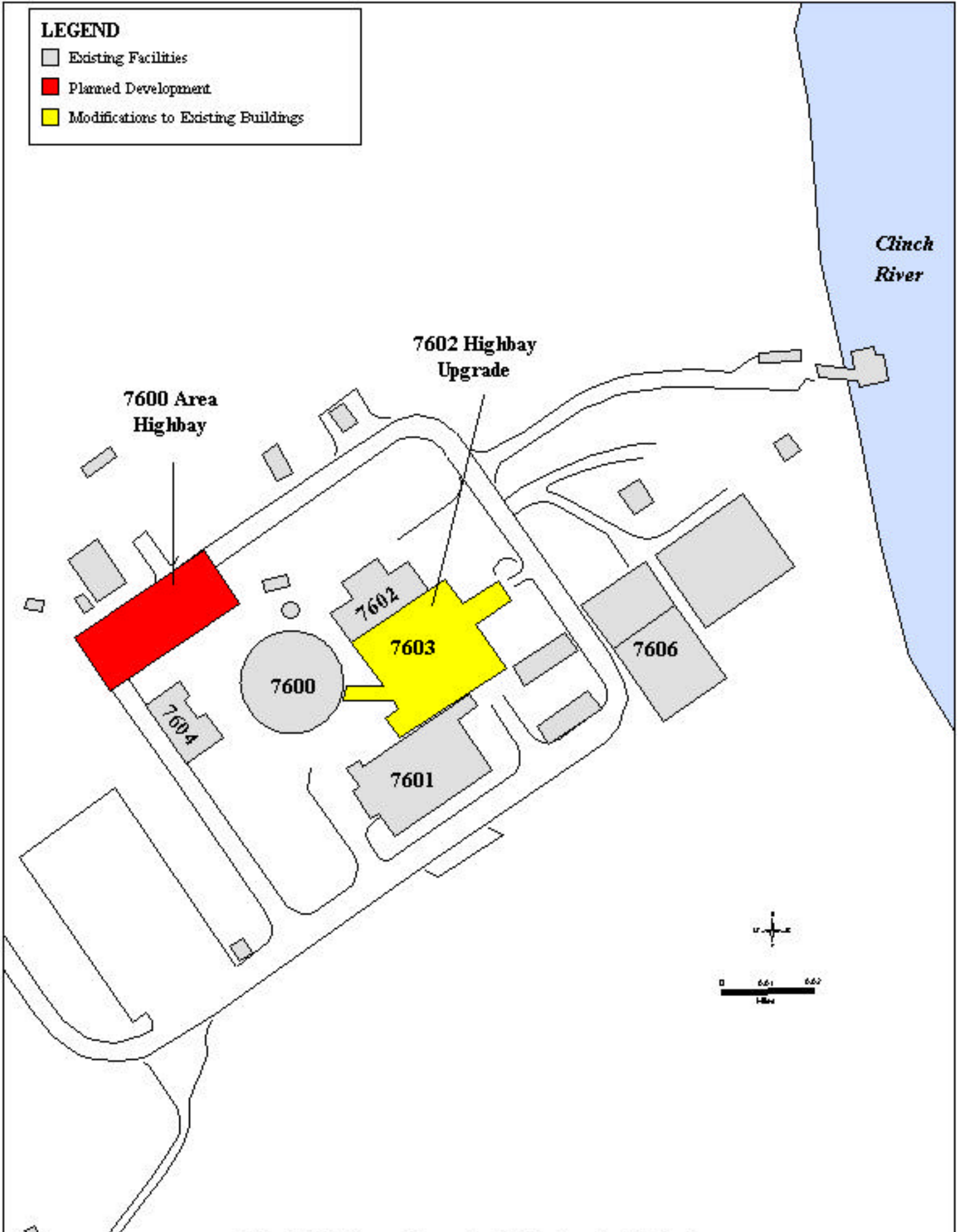


Fig. 3.26. Planned new facilities in the 7600 Area.

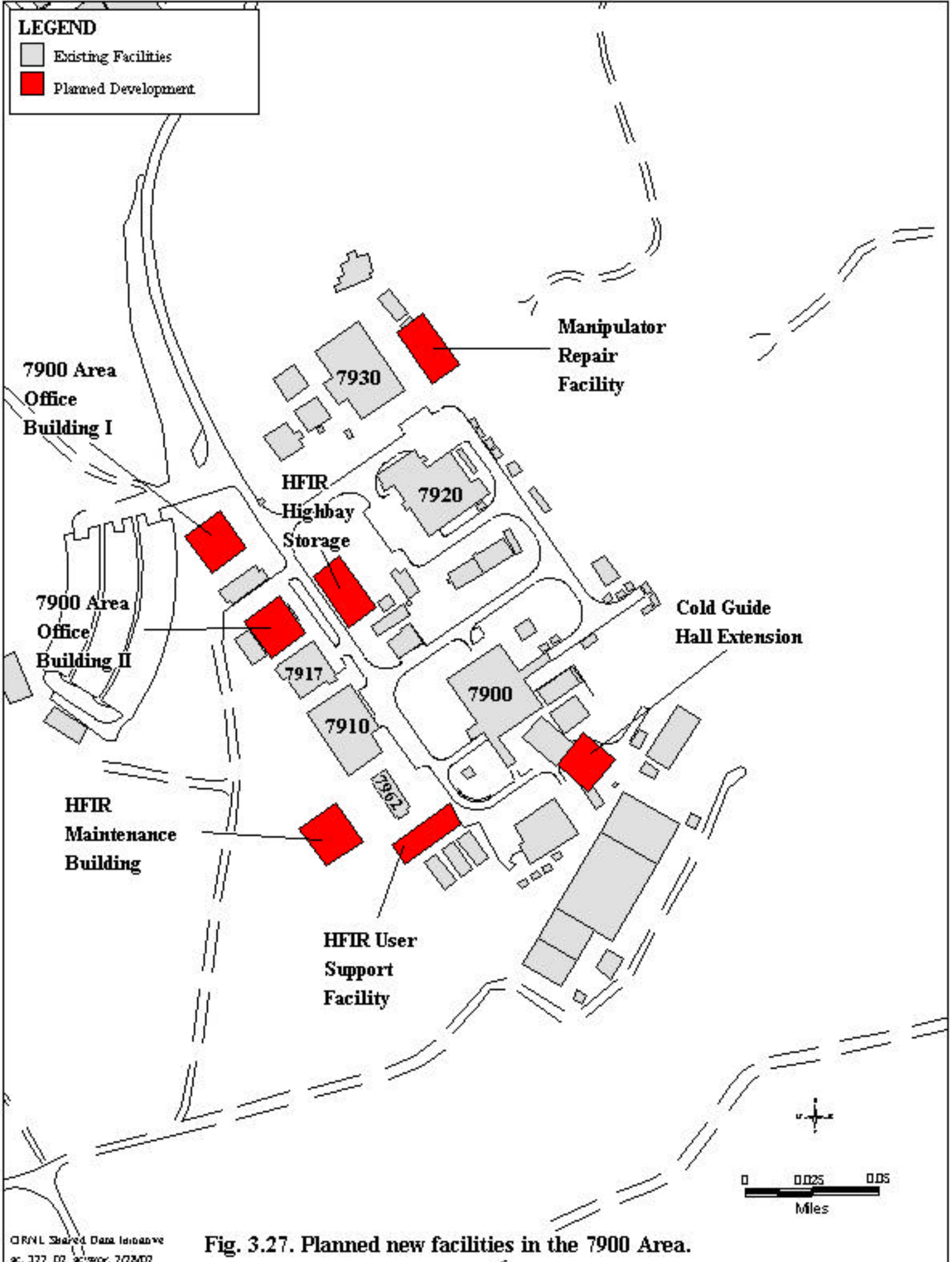


Fig. 3.27. Planned new facilities in the 7900 Area.

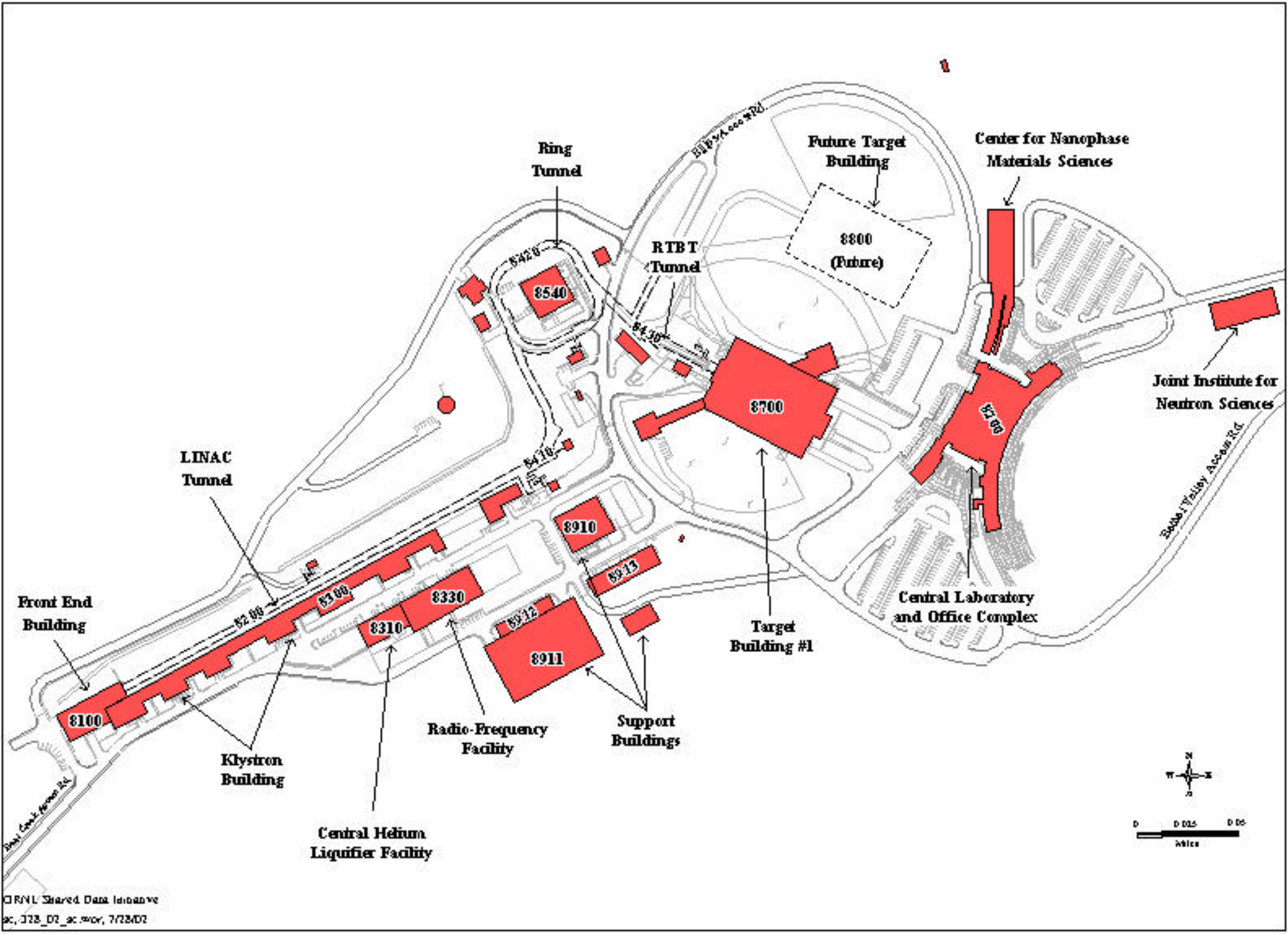


Fig. 3.28. Spallation Neutron Source and associated facilities.

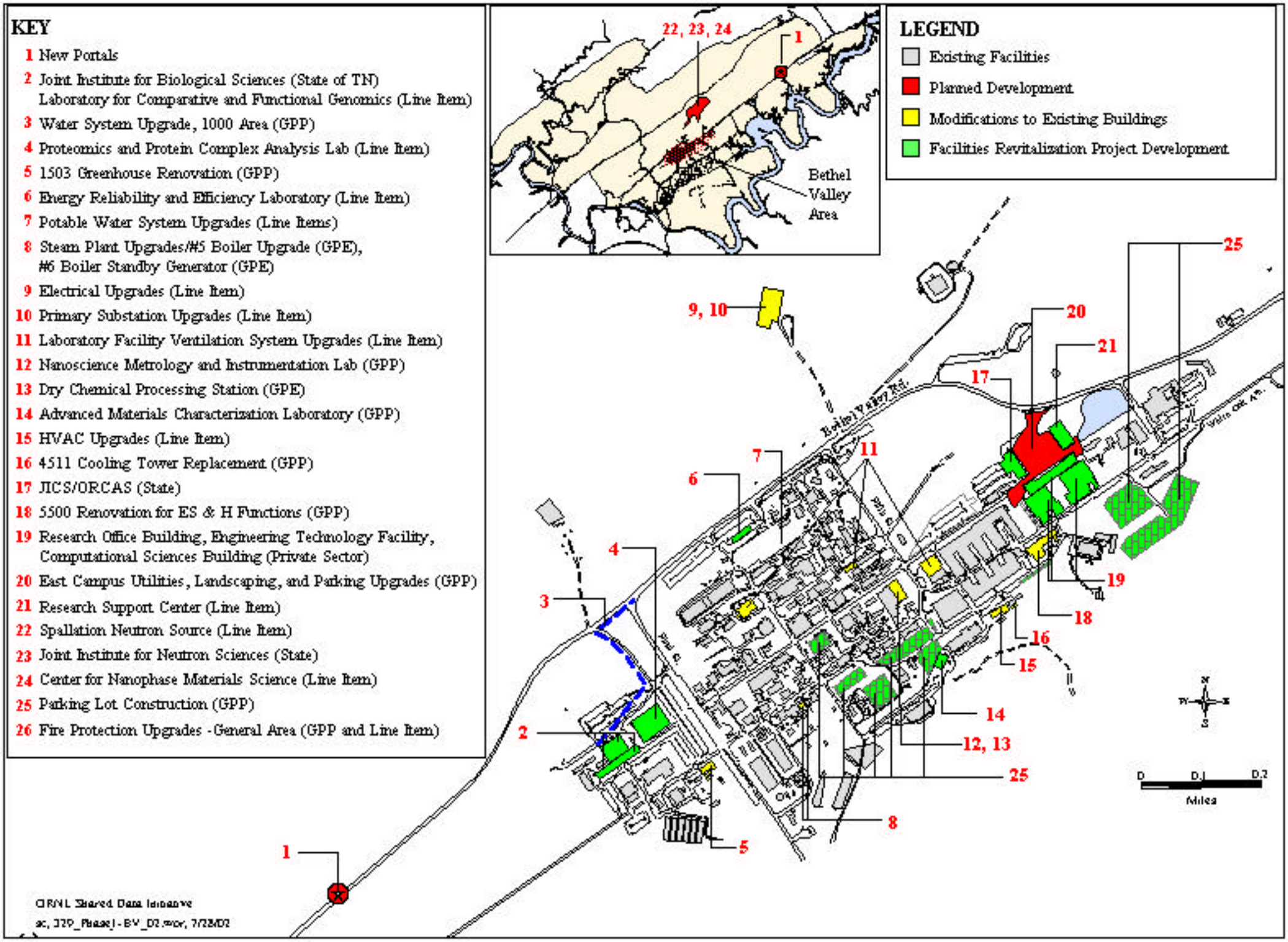


Fig. 3.29. ORNL projects for Bethel Valley, Phase I, FY 2002-06.

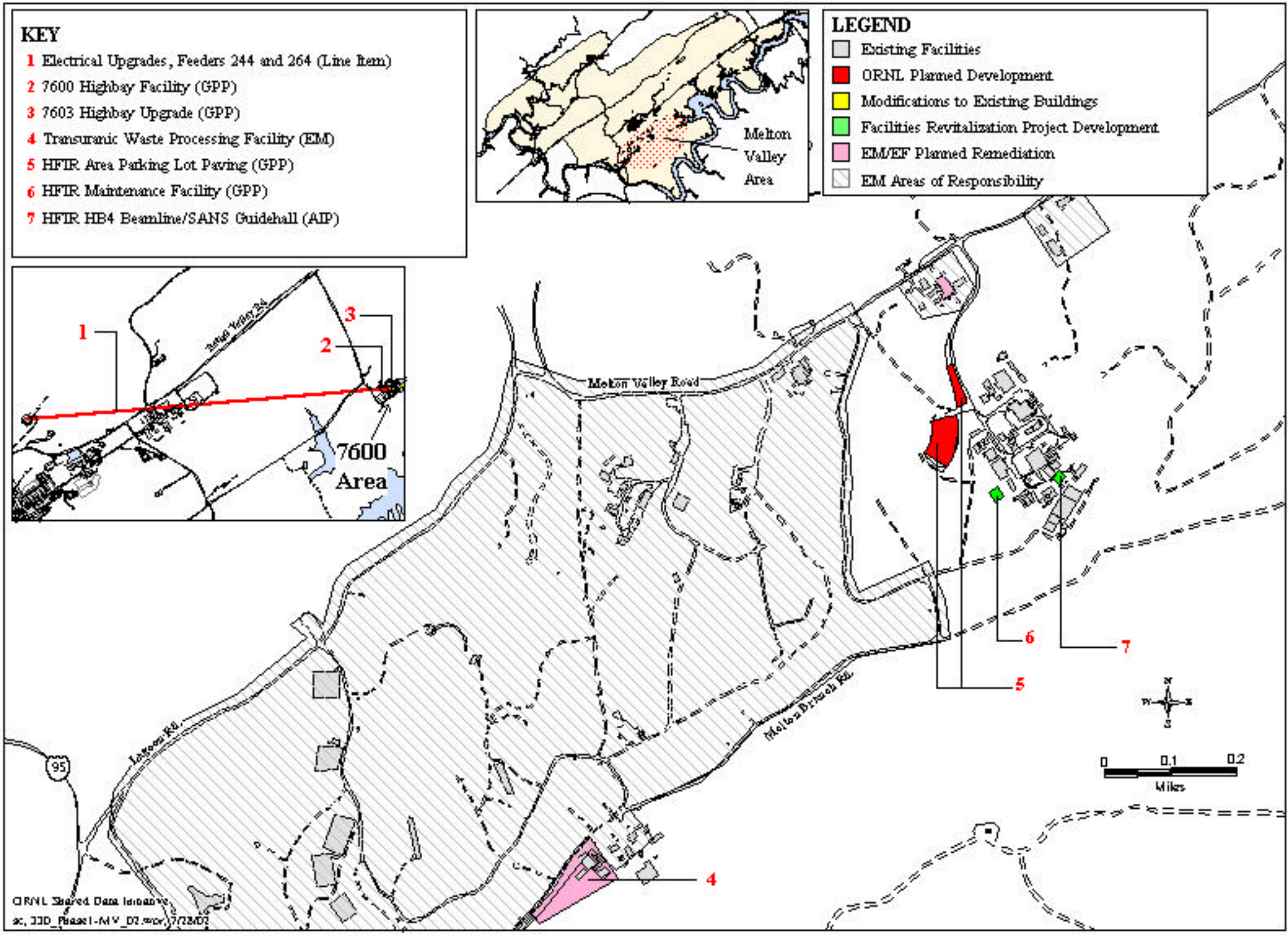


Fig. 3.30. ORNL projects for Melton Valley, Phase I, FY 2002-06.

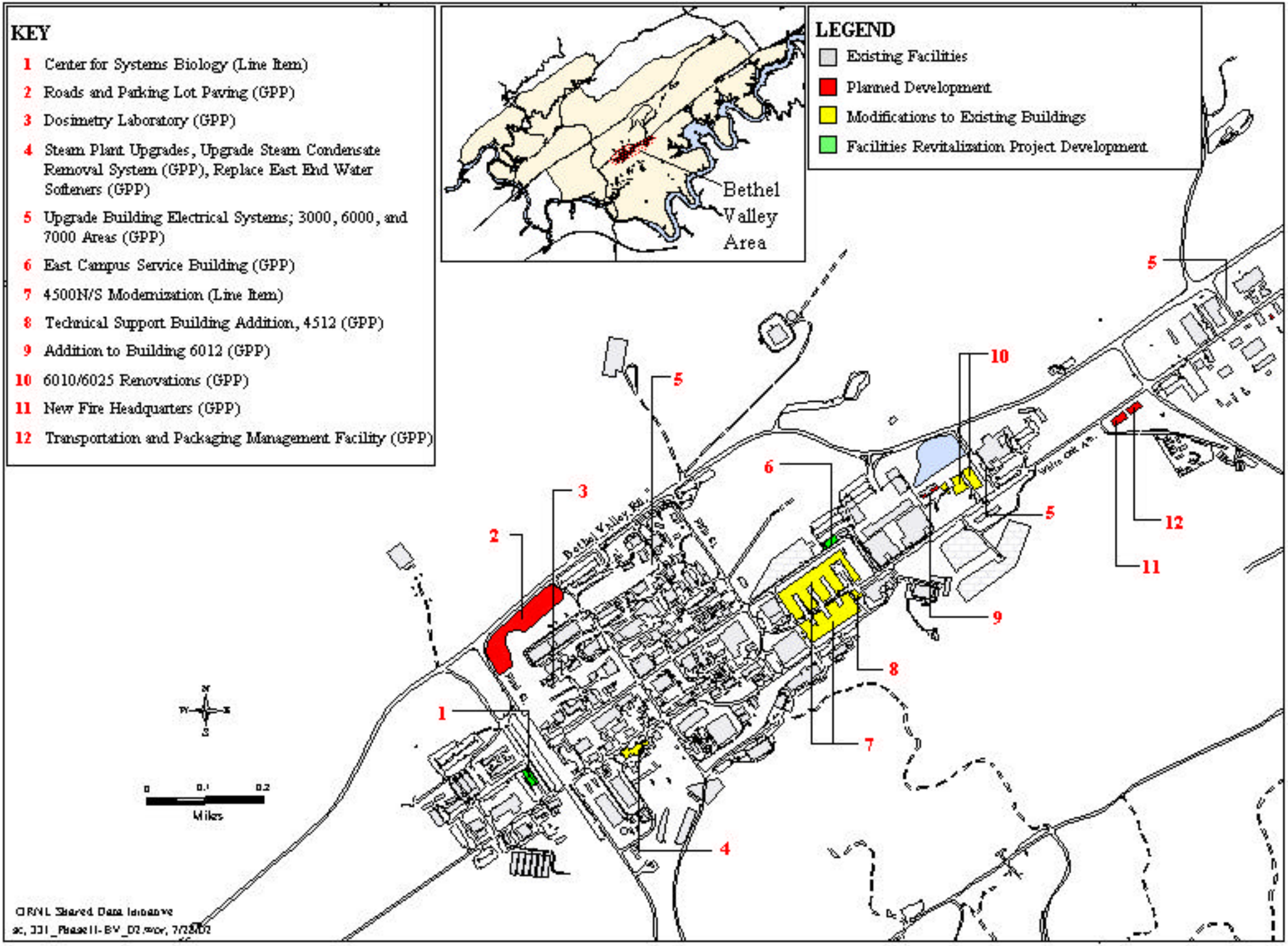


Fig. 3.31. ORNL projects for Bethel Valley, Phase II, FY 2007-11.

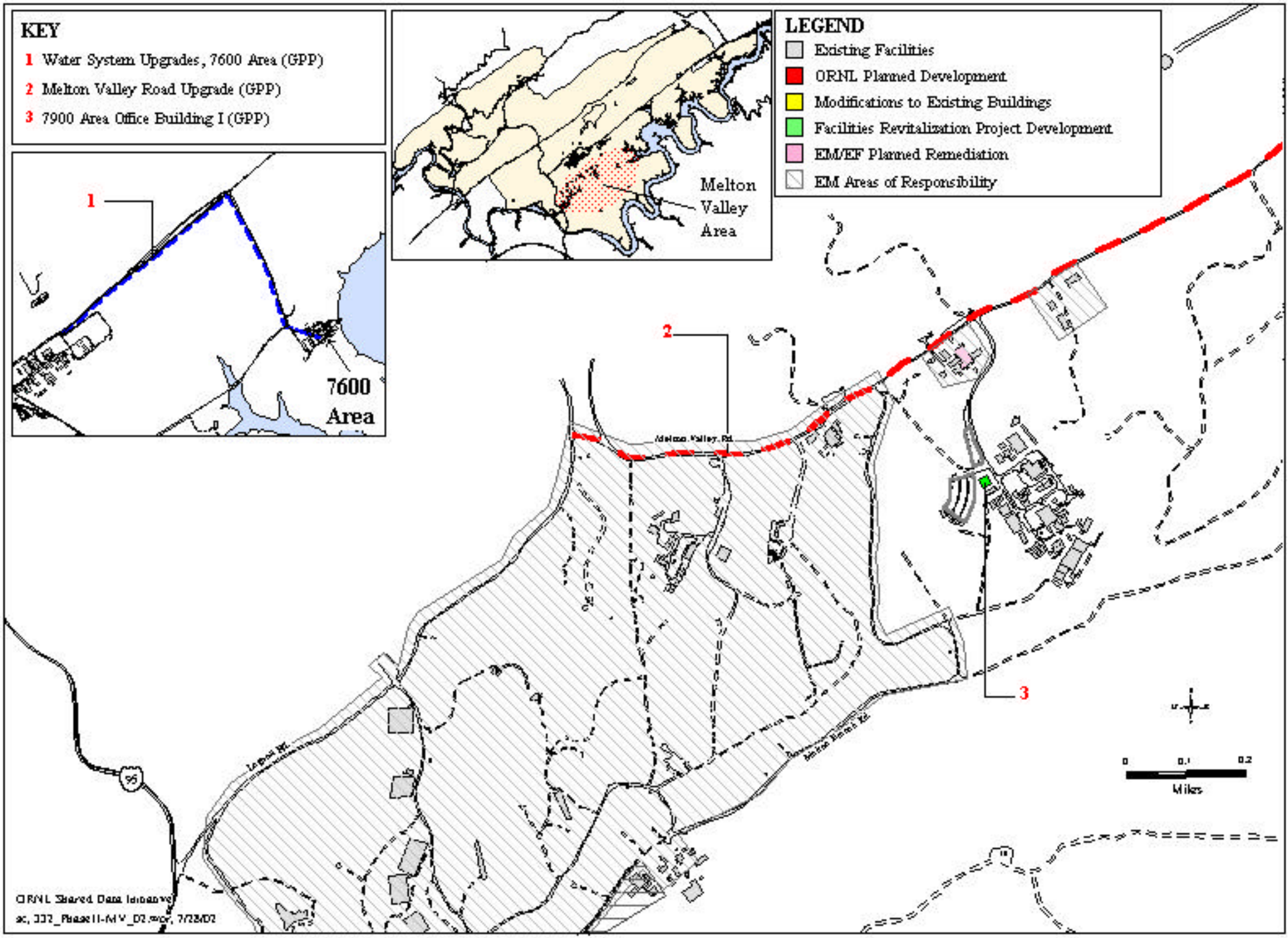
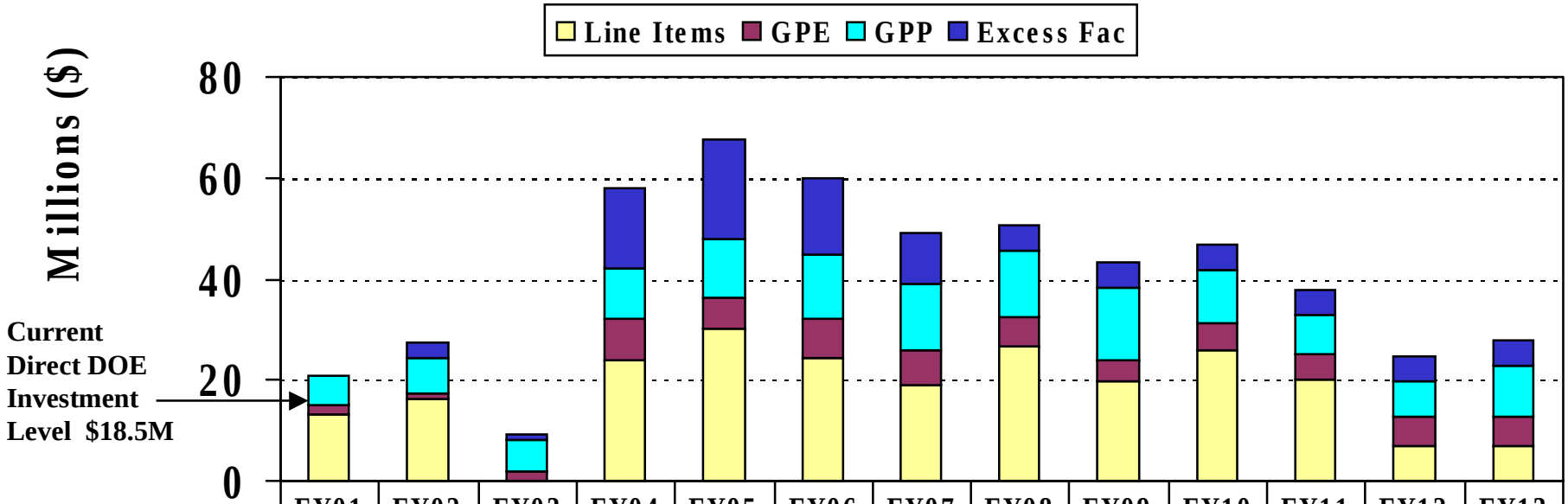


Fig. 3.32. ORNL projects for Melton Valley, Phase II, FY 2007-11.



	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Excess Fac	0	3.1	1.2	15.7	20	15	10	5	5	5	5	5	5
GPP	5.8	6.8	6.2	10.4	11.5	13.1	13	13.2	14.4	10.2	7.7	7.2	10.1
GPE	2	1.3	1.8	8.1	6.1	7.4	7.1	6	3.9	5.4	5	5.7	5.7
Line Items	13	16.1	0	23.8	30.2	24.5	18.8	26.5	19.9	26	20.2	7	7

Fig. 3.33. Needs chart for ORNL landlord-funded infrastructure modernization.

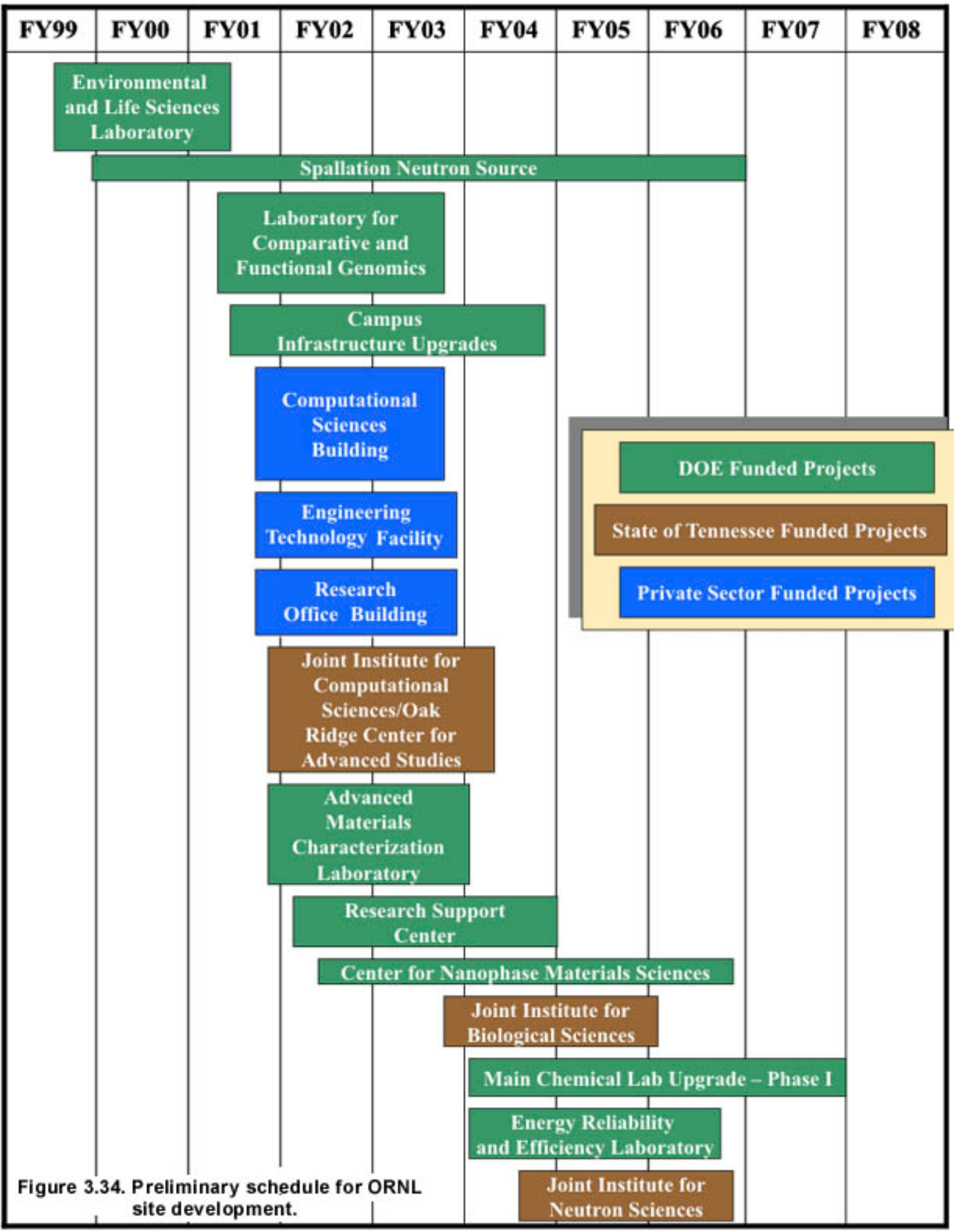


Figure 3.34. Preliminary schedule for ORNL site development.