



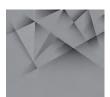




Multi-Agency Coordination Success Story



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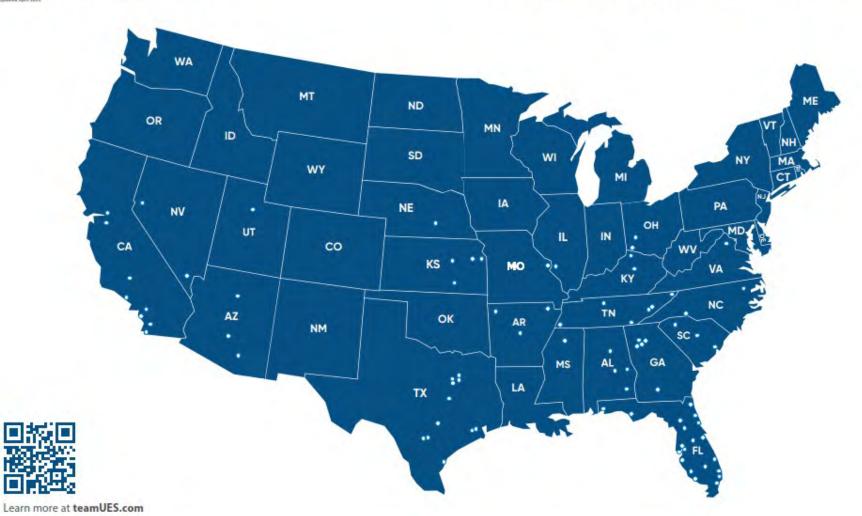






GE&S





PROJECT – BEMISTON PLACE

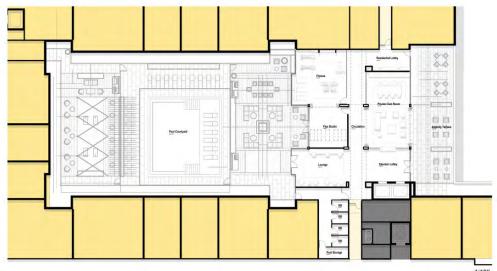
- \$85,000,000 redevelopment in Clayton, Missouri
- Geotechnical services
- Environmental due diligence
- Asbestos/LBP
- MDNR
 Brownfields/Voluntary
 Cleanup Program (B/VCP)
- Housing and Urban
 Development (HUD)
 National Environmental
 Policy Act (NEPA) EA



DEVELOPMENT PLAN

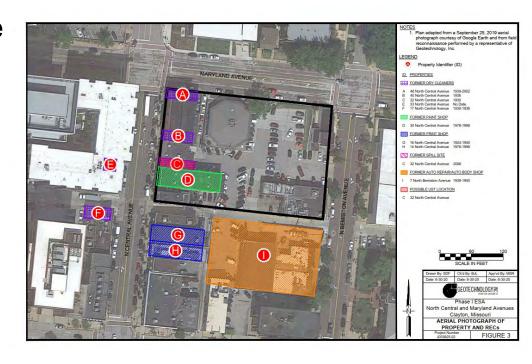
- 8-story, mixed-use development
- 237 Residential units
- 10,000 Square feet of commercial/retail
- 3-level parking garage
- Renovation of a historic building





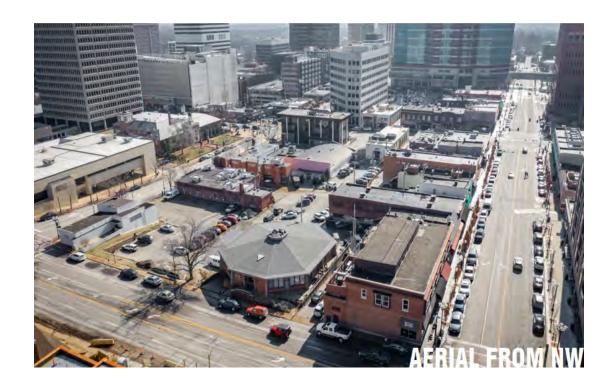
INITIAL ENVIRONMENTAL DUE DILIGENCE

- Phase I Environmental Site Assessment (ESA)
- Asbestos Containing Material (ACM) Survey
- Lead-Based Paint (LBP) Survey
- Limited Phase II
 Environmental Sampling and Testing (EST)



ACM and LBP SURVEY

- ACM surveys on all structures
- LBP Survey on the historic structure (Shanley Building)
- Estimated \$50,000-\$150,000 in abatement costs



LIMITED PHASE II EST

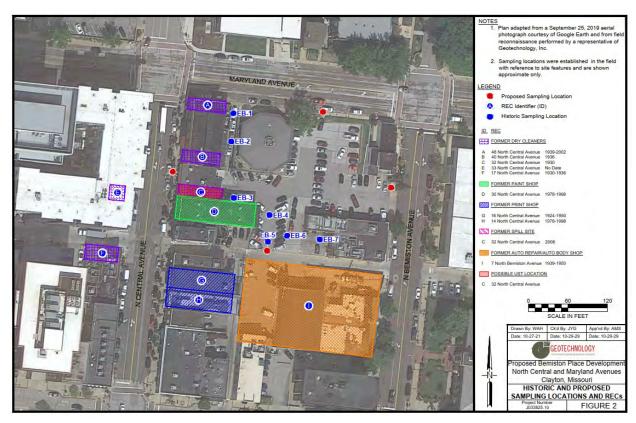
- Soil and groundwater analysis
- Strong petroleum odors in some soil samples
- Results below residential risk-based target levels





MDNR B/VCP

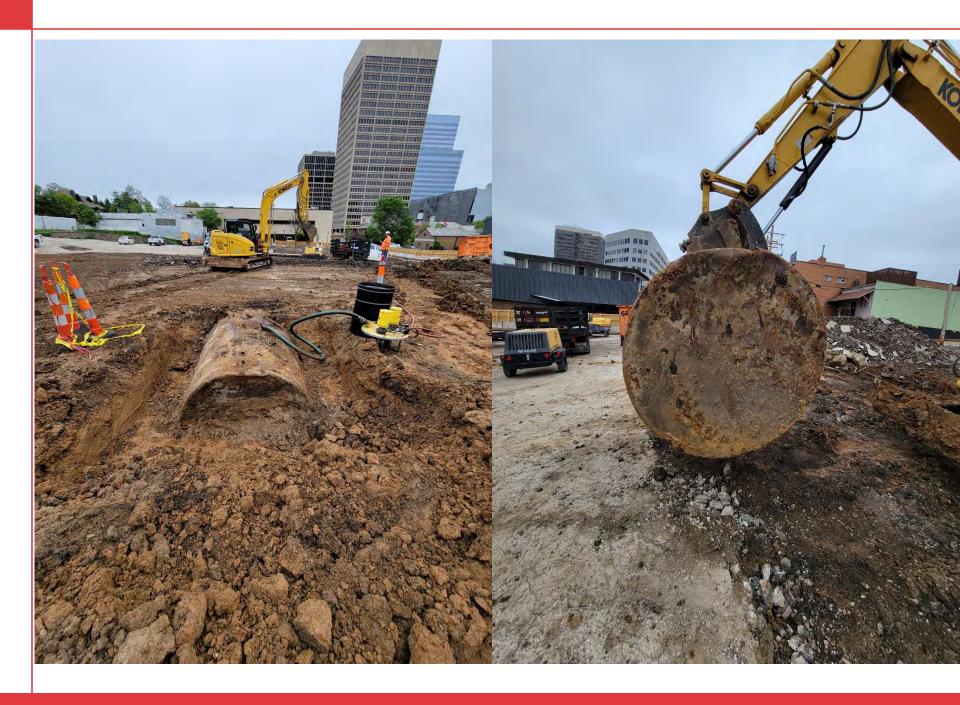
- HUD required a COC be obtained
- RAP and Tier 1
- Impacted soil removal
- Address DataGaps



MDNR B/VCP Continued

- Additional site characterization to address data gaps
- Quarterly groundwater monitoring





HUD NEPA ENVIRONMENTAL ASSESSMENT

- HUD Loan
- Updated Phase I ESA
- Part 50 HUD
 Environmental Review
 Online System (HEROS)
 - Review of Statutes, Executive Orders and Regulations
 - Environmental Assessment Factors



HUD NEPA MITIGATION MEASURES

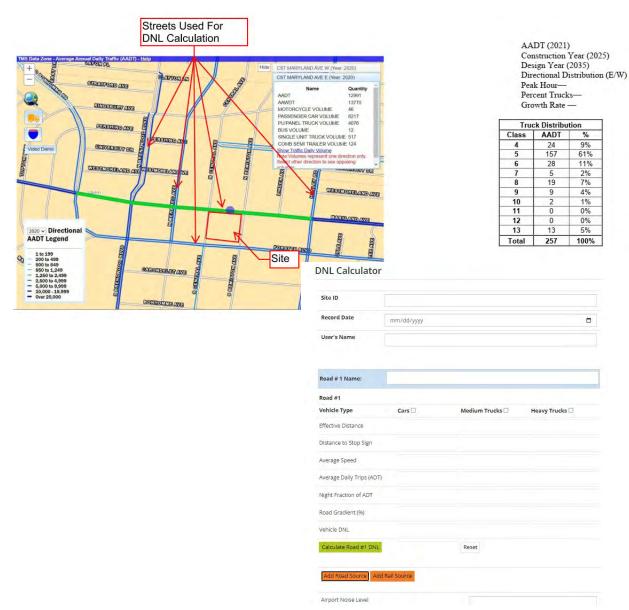
- Contamination and Toxic Substances
- Historic Preservation (Section 106)
- Noise Abatement and Control (Noise Control Act of 1972/Quiet Communities Act of 1978)



HUD NEPA HISTORIC PRESERVATION

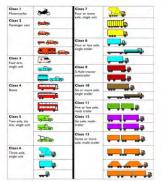


HUD NEPA NOISE ASSESSMENT



ADT 9,250 9,436 9,919 51% / 49% 9.65 % 2.59 %

0.50% Assumed



PROJECT CONCLUSION







