

Fire Department

Fire Master Plan Project

*Raleigh City Council
April 16, 2024*



Raleigh



Purpose of the Fire Master Plan



Conduct an evaluation, assessment, and analysis of the current state of the Fire Department.



Forecast demands and recommend strategies to meet the needs of the department and community.



Prioritize recommendations to align investments within operating and capital resources.

Scope of Work Elements

- Fire Service Requirements
- Growth Projections
- Finance Modeling
- Project Deliverables



Fire Service Requirements



10-year implementation plan and financial models to address fire service needs (staffing, fleet, and facilities)



Recommendations to maintain and achieve compliance with NFPA 1710.



Operational and resource deployment improvements to maximize efficiencies and cost savings.



Engage with local jurisdictions to assess demand for mutual aid partnerships to address fire service growth pressures.



Suggest fire station locations to maximize resources and maintain current level of fire services in newly developed and annexed areas.



Identify facility investments to leverage cost reduction strategies and potential co-location opportunities (Police).

Growth Projections



Develop growth projection methodology and review existing planning documents and forecasted projections.



Assess likely development scenarios for unincorporated areas adjacent to the City.



Incorporate changing land use patterns and impacts of developed areas experiencing greater density and height.

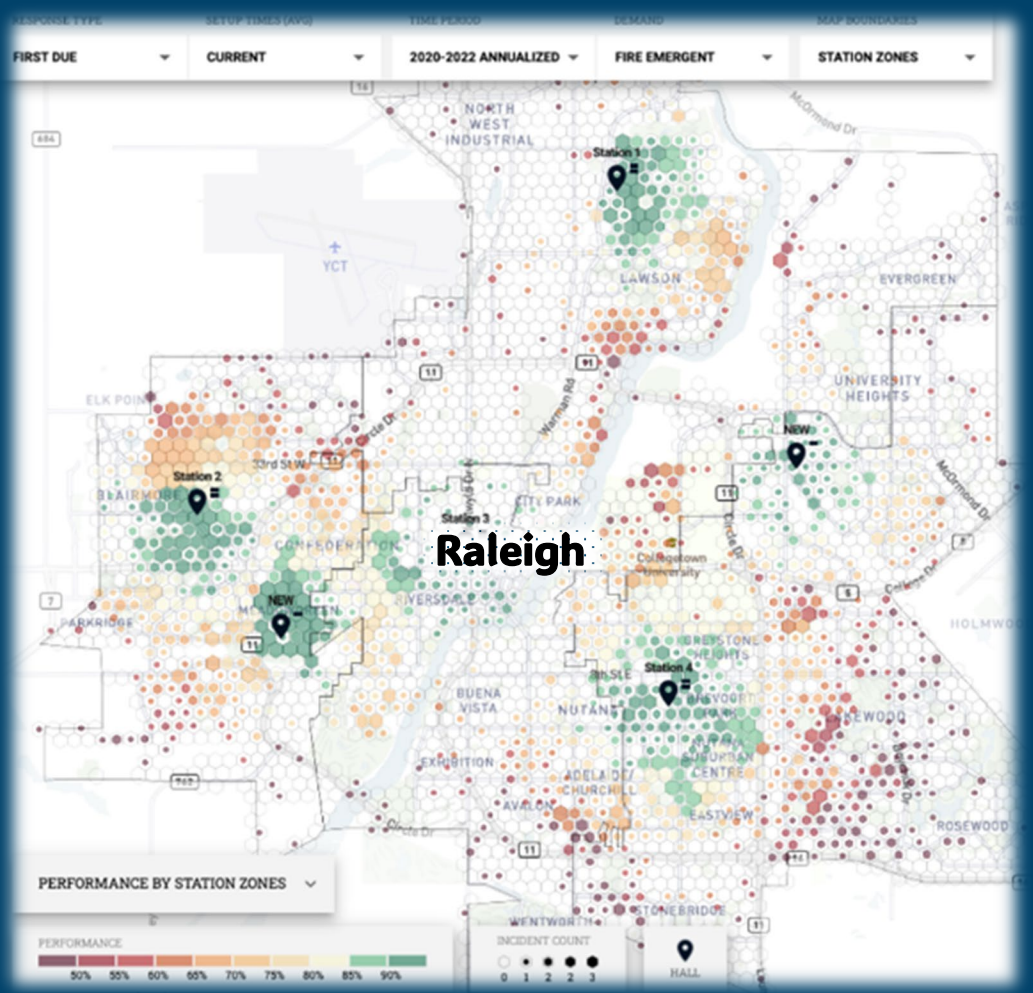


Develop population growth projections based on estimated population distribution and density.

Projection Tool

- Includes data visualization software to inform decision making.
- Forecasts performance using live data and growth modeling.
- Visualizes service delivery gaps and impacts of resource changes.

Ex: Adding new stations or relocation of units.



Project Deliverables



Report that documents all aspects of project process and recommendations.



Identify alternative service delivery, staffing, and/or schedule models to address emerging needs more cost-effectively.



Identify opportunities to appropriately share and allocate costs amongst neighboring jurisdictional partners.



Prepare a presentation for Council adoption of the final Master Plan.

Project Timeline

Solicitation of RFP
December 2023



Project Kickoff
June 2024 (est)



Propose & Implement Recommendations



**Council Approval of
Contract to Awarded Firm**
April 2024



Report back to Council
June 2025 (est)



Recommended Council Action

Authorize the City Manager to execute a contract with **Darkhorse Emergency Corporation** in an amount not to exceed \$340,000.