KYLE DRIVE PROPERTY
PARK MASTER PLAN_APPENDICES

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APPENDIX A: SYSTEM INGRATION PLAN

System Integration Plan

Kyle Drive Property

Raleigh, North Carolina

RALEIGH Parks and Recreation
parks.raleighnc.gov

Raleigh Parks and Recreation Land Stewardship

For additional information please contact
City of Raleigh Parks and Recreation
Design/Development
parkplan@ci.raleigh.nc.us
(919) 996-4776

System Integration Plan
Kyle Drive Property
Executive Summary

The City of Raleigh Parks and Recreation Department has developed a System Integration Plan for an undeveloped property on Kyle Drive in northeast Raleigh. The intent of the System Integration Plan (SIP) is to document existing site conditions and develop a set of guidelines for interim management of the property until a Master Plan is developed. The site specific System Integration Plan is developed with input from the Parks, Recreation and Greenway Advisory Board. A draft SIP is presented to the public through notification of adjacent and nearby property owners, Citizen Advisory Councils, registered neighborhood groups, and registered park support groups. The public will be encouraged to provide comments at a formal presentation of the SIP to the Parks, Recreation and Greenway Advisory Board. The SIP will be submitted to City Council for final action.

The SIP includes background research on the property and involves site visits by a variety of contributors with expertise in different areas. A detailed natural resources inventory is included in the SIP. The Kyle Drive property includes a length of Beaverdam Creek and a portion of a 57 acre wetland listed on the United States Fish and Wildlife Service National Wetland Inventory. There are no known occurrences of protected plant or animal species on the property. The wetland and the associated upland offer significant wildlife habitat to the region. Several Eastern Box turtles (Terrapene carolina), a declining species, have been observed on the property. The City of Raleigh Comprehensive Plan calls for the extension of Jelynn Street through the property to Valley Stream Drive. This street extension will separate the wetland from the adjacent upland, and will be detrimental to wildlife.

Forest resources were evaluated and recommendations are provided to satisfy the City of Raleigh Tree Conservation Ordinance. The invasive plant kudzu is present in a small area of the forest near the northwest corner of the property. Kudzu is a major threat to forest resources. Standing dead trees in the wetland area and throughout the property should be preserved for wildlife unless they constitute a hazard.

Interim management recommendations proposed for the Kyle Drive property are organized into three categories: Safety, Environment, and Property Issues. Highlighted recommendations include control of invasive kudzu, an inventory of reptiles and amphibians utilizing the site, and fire ant control in the Progress Energy easement on the west side of the property.

The City of Raleigh Land Stewardship Coordinator will be responsible for initiating requests to appropriate staff to conduct the interim management tasks. The SIP is intended to be a useful tool to facilitate site management and land stewardship and is a baseline document to promote ongoing site inventory, evaluation, and management.

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January 2010

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Kyle Drive Property
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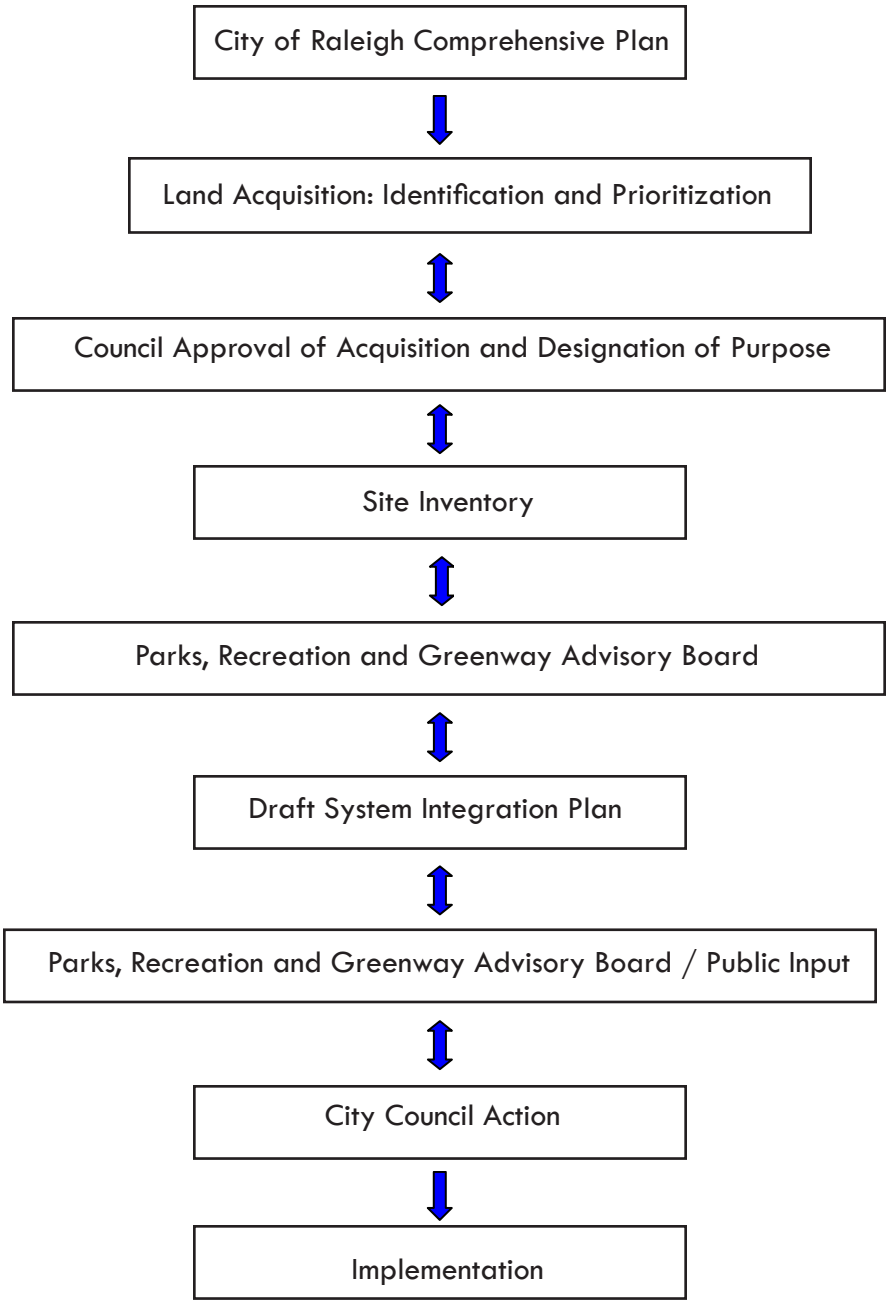
Introduction: What is a System Integration Plan?

The System Integration Plan (SIP) is a sub-section of the overall City Park Master Planning process described in *City of Raleigh Council Resolution (2003) – 735* (Appendix A). The City of Raleigh Parks and Recreation Department undertakes a public master plan process to help determine the specific elements that are desired in a particular park. The purpose of the site specific System Integration Plan is to develop a set of guidelines for the interim management of parkland prior to the initiation of a Master Plan. The SIP will document existing site conditions and constraints, establish the park's classification consistent with the Comprehensive Plan, and if applicable, any proposed special intent for the park. The SIP is not intended to restrict the Master Plan Process. A System Integration Plan Conceptual Flow Model demonstrates the interaction between the City of Raleigh Park Plan, acquisition of a park property, the City of Raleigh Parks staff, the public, City Council, and the Parks, Recreation and Greenway Advisory Board (PRGAB) in the SIP process.



The SIP process promotes civic engagement through public notification and opportunities for public comment. The SIP process involves notification to adjacent and nearby property owners, Citizen Advisory Councils (CACs), registered neighborhood groups, and registered park support groups. The City of Raleigh maintains an SIP web page to provide updates and links to existing SIP documents. The public has the opportunity to provide comments to the site specific SIP through email or other written communication, and will also be encouraged to provide comments at a formal presentation of the SIP to the Parks, Recreation and Greenway Advisory Board. A meeting notification sign is posted at the park site 14 days prior to the formal PRGAB presentation. A "Comments and Records" section for this SIP follows the Appendices.

The SIP process involves collaboration among multiple City of Raleigh staff, as well as review by external agencies, Parks and Recreation Greenway Advisory Board and City Council. City of Raleigh Departments involved in developing a System Integration Plan include Parks and Recreation, Transportation, Public Utilities, and City Planning. City of Raleigh Parks and Recreation Divisions involved in developing the SIP include Design/ Development, Facilities and Operations, Urban Forestry, and Parks Maintenance. Review and collaboration by external organizations includes agencies such as the USDA Natural Resource Conservation Service, the North Carolina Wildlife Resources Commission, and the United States Fish and Wildlife Service. A list of contributing staff and agencies is included in Appendix B.

Comprehensive Plan Classification

Parks, Recreation, and Open Space is an important element of the City of Raleigh 2030 Comprehensive Plan. "This Element addresses park planning and acquisition, greenway and trail planning and connectivity, open space conservation, capital improvement planning, and the preservation of special landscapes" (Raleigh's 2030 Comprehensive Plan, City of Raleigh Department of City Planning). At the time of this report, the City of Raleigh has 5,670 acres of park land and 3,464 acres of greenway property. As the City continues to expand there is a need for additional parks to meet the needs of the community.

Six key Vision Themes have been identified in the Comprehensive Plan as overall goals for the City of Raleigh: Economic Prosperity and Equity, Expanding Housing Choices, Managing Our Growth, Coordinating Land Use and Transportation, Greenprint Raleigh – Sustainable Development, and Growing Successful Neighborhoods and Communities. Each of these Vision Themes is applicable to the Parks, Recreation, and Open Space element.

Economic Prosperity and Equity

High quality parks, recreation facilities, and open spaces will provide added value and amenities to the community, which in turn will attract jobs, workers, and greater economic prosperity to the area. Evenly distributed park and recreation facilities, accessible to residents throughout the City, promotes the goal of equity.

Expanding Housing Choices

Parks, recreation and open space opportunities must be developed in tandem with new housing. Providing leisure facilities in proximity to housing reduces the need to rely on fossil fuel vehicles. The issue is particularly important for affordable housing, as many lower-income residents have reduced access to private vehicles, limiting their ability to travel to distant parks, and making pedestrian, bike, and transit access all the more critical.

Managing Our Growth

The need for new parks and recreational facilities in the coming decades will require that substantial acreage be acquired by the City for park development. Land can be acquired in advance of development, at lower cost and in appropriate locations, to develop the parks and recreational opportunities that the future residents will require.

Coordinating Land Use and Transportation

Parks are a significant land use and a source of travel demand. Therefore their location and design should be coordinated with the City's transportation infrastructure (including greenway trails) to maximize access by multiple modes and to mitigate impacts on congestion.

Greenprint Raleigh – Sustainable Development

Sustainable design and green building is increasingly becoming a part of parks and recreation facilities design. Networks of interconnected parks, greenways, and open spaces (green infrastructure) can direct urban form and guide conservation efforts. Green infrastructure ensures that preserved open spaces and greenways provide greater environmental benefits by maximizing ecosystem conservation.

Growing Successful Neighborhoods and Communities

The parks and open spaces within Raleigh serve the daily leisure needs of the community. The spaces and programs promote the social, cultural, mental, and physical well-being of the community. In a broader sense, they promote a more livable community, a higher quality of life and lend a sense of place and belonging to the community and its residents.

The City of Raleigh Comprehensive Plan established a park classification system to provide a diverse, well-balanced, well-maintained range of recreational opportunities. The five park classifications are: Neighborhood Parks, Community Parks, Metro Parks, Special Parks, and Nature Parks and Preserves.

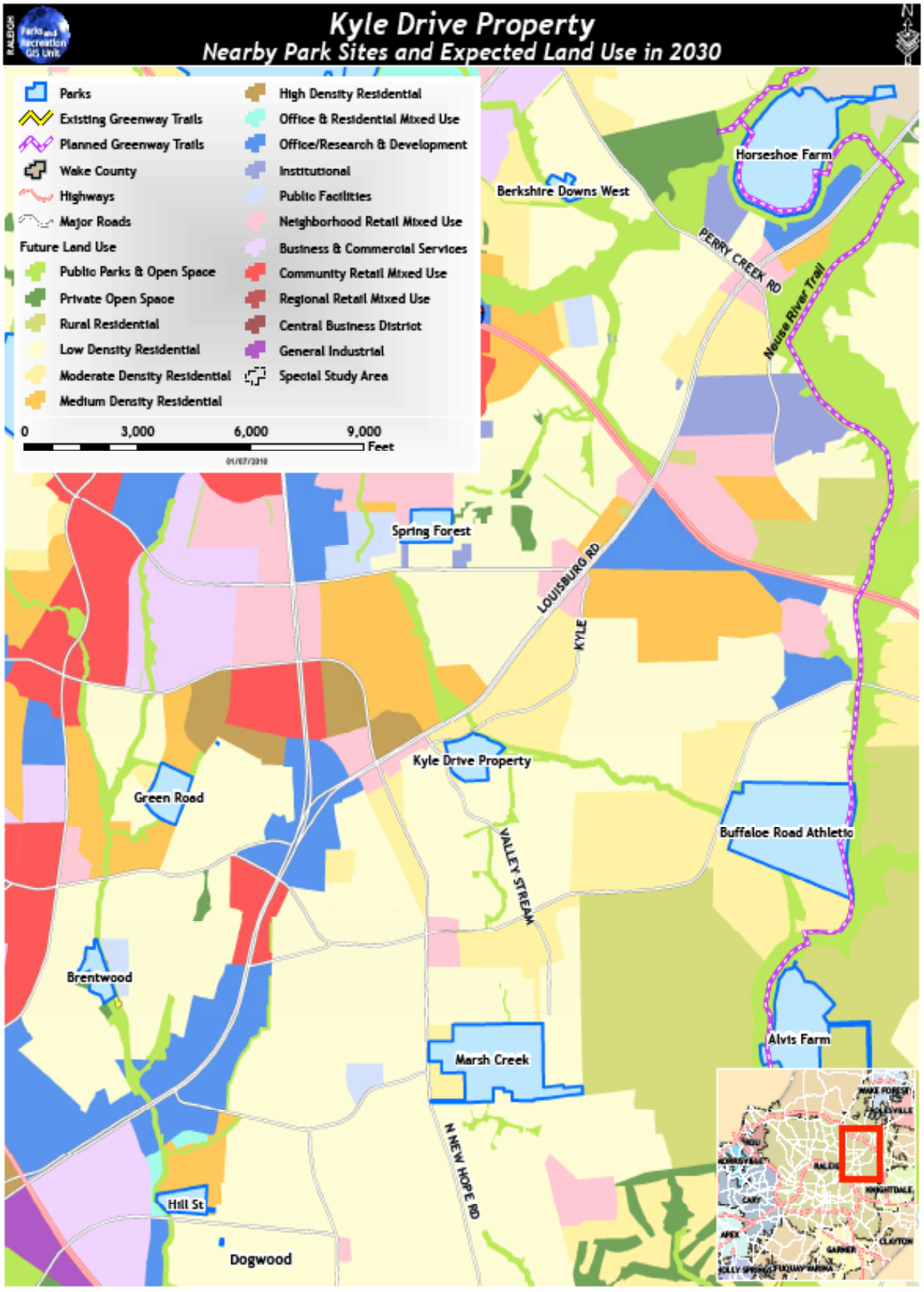
The site first known as NPS 41 (neighborhood park search) and now called the Kyle Drive property was purchased to satisfy a documented need for neighborhood parks in the Northeast Planning District. Neighborhood Parks are expected to serve the basic daily recreational needs of the surrounding neighborhoods. They most often include playgrounds, court surfaces such as basketball, tennis or volleyball, and open space or multi-use turf areas. Depending on the size, topography and other site characteristics, neighborhood parks may serve other needs as determined by the master planning process, proximity to other parks and greenway lands, and overall Parks and Recreation Department program needs. Smaller sites may be limited to very few elements; larger sites may present opportunities for elements such as walking tracks, athletic fields or neighborhood center buildings. In some cases deed restrictions or environmental requirements may dictate the options available.

In general, the number of acres of existing neighborhood parkland compared to the expected population of an area is used to try to meet a Level of Service (LOS) of 2.6 acres of parkland per 1,000 population. Other considerations, such as the size and character of existing parks in the area, barriers to access (such as major thoroughfares), availability of opportunities for future acquisition, and other elements of the City of Raleigh Comprehensive Plan are also taken into account when acquiring parkland.

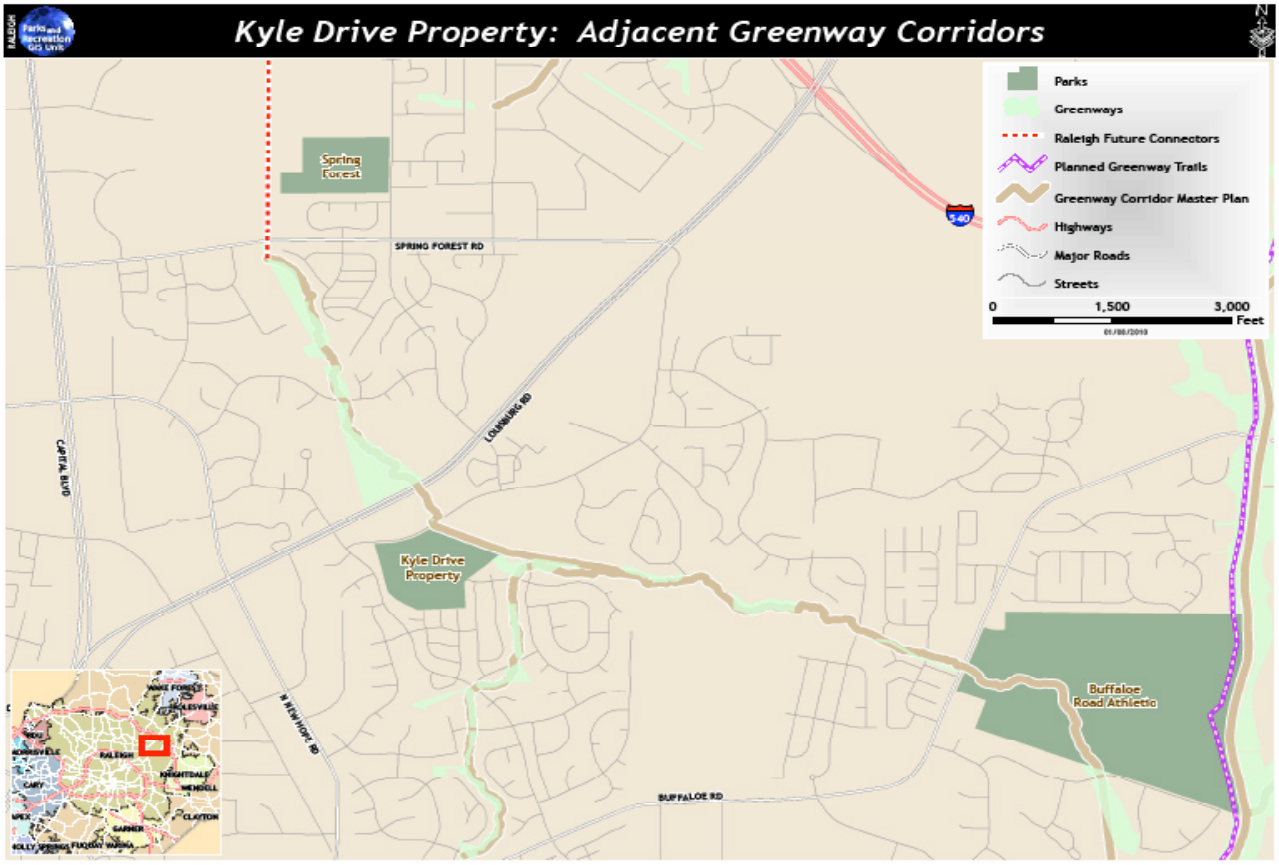
A map on the following page shows City of Raleigh parks in the vicinity of the Kyle Drive property and Future Land Use projected for the year 2030. Spring Forest Road Park is a 21 acre neighborhood park located 2 miles north that provides tennis courts, a playground, a small baseball field, a small shelter with a comfort station, an informal open field, a walking path, and a small parking lot. Spring Forest Road Park is adjacent to East Millbrook Middle School and is under a shared agreement with the school. Brentwood and Hill Street are two other neighborhood parks in the vicinity that primarily serve the residents within their surrounding neighborhoods.

Three Community Parks are in the general vicinity: Green Road, Marsh Creek, and Alvis Farm. Green Road Park and Community Center is located approximately 2 miles west of the Kyle Drive property and includes a gymnasium, ball fields, tennis courts, and provides a wide range of programs for the public. Marsh Creek Park is less than 2 miles south and contains a baseball field, multi-purpose field, shelter and restrooms, an inline hockey rink, a skate park, and maintenance facilities for City Parks staff. A Marsh Creek Community Center and playground are under construction at the time of this report. Another nearly 92 acre undeveloped park site called Alvis Farm is located approximately 3.5 miles southwest of the Kyle Drive property. A System Integration Plan for Alvis Farm was completed in 2007.

Buffaloe Road Athletic Park is a Metro Park located just over 2 miles east of the Kyle Drive property. This facility provides ball fields, a playground, trails, open space, and will include an aquatic center.


Kyle Drive Property
Nearby Park Sites and Expected Land Use in 2030
Parks
Existing Greenway Trails
Planned Greenway Trails
Wake County
Highways
Major Roads
Future Land Use
Public Parks & Open Space
Private Open Space
Rural Residential
Low Density Residential
Moderate Density Residential
Medium Density Residential
High Density Residential
Office & Residential Mixed Use
Office/Research & Development
Institutional
Public Facilities
Neighborhood Retail Mixed Use
Business & Commercial Services
Community Retail Mixed Use
Regional Retail Mixed Use
Central Business District
General Industrial
Special Study Area
0
3,000
6,000
9,000
Feet
Horseshoe Farm
Berkshire Downs West
PERRY CREEK RD
Neuse River Trail
Spring Forest
LOUISBURG RD
KYLE
Kyle Drive Property
Green Road
Buffaloe Road Athletic
VALLEY STREAM
Brentwood
Alvis Farm
Marsh Creek
N NEW HOPE RD
Hill St
Dogwood

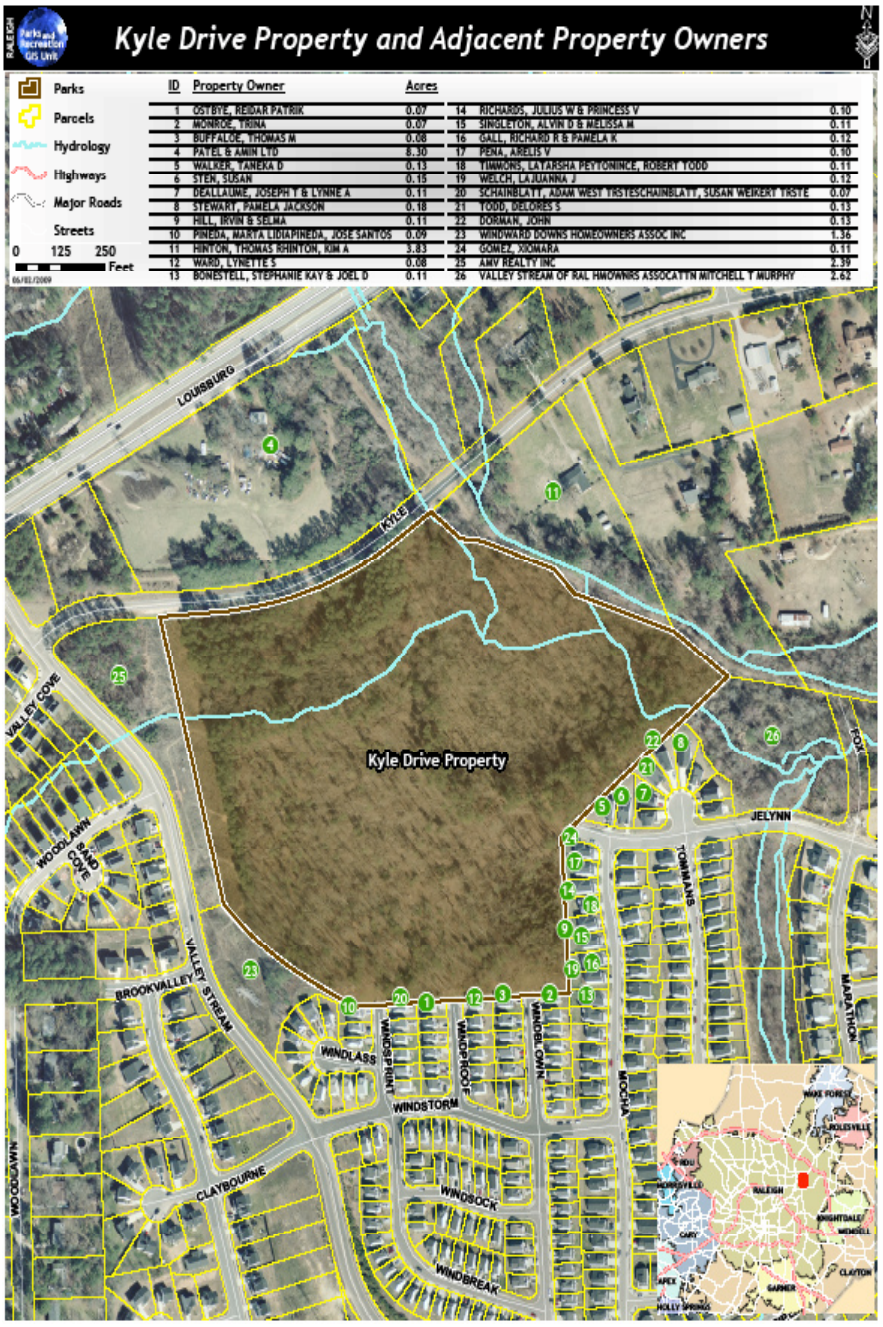
Natural resource-oriented recreation opportunities occur in proximity to the Kyle Drive property. Buffaloe Road Athletic Park provides recreation trails within a substantial natural area conserved as stream and river corridor and buffers, a 15.5 acre wetland with a boardwalk trail, access to the city's greenway system, and in the future will provide access to the Neuse River. Horseshoe Farm Park offers a wide spectrum of outdoor recreation opportunities. Examples of activities proposed to take place upon completion of existing and future phases of Horseshoe Farm Park include Neuse River Greenway access, primitive passive woodland and birding trails, and various native meadows. Future developments may include river canoe access, an environmental education center, and an earthen amphitheatre for programming. Development of new park land typically includes conservation land in the form of buffers and officially designated Tree Conservation Areas. The City of Raleigh Greenway system is a network of recreational trails and public open spaces that provide opportunities for a range of activities including biking, running, hiking, fishing, picnicking, bird watching, and nature study. Hundreds of acres of conservation land are located in the general vicinity of the Kyle Drive property in the form of the major greenway corridor up and down the Neuse River. The Beaverdam Creek greenway corridor passes along the northeast portion of the Kyle Drive property. This corridor stretches from Spring Forest Road to the Neuse River. There are currently no plans for a trail along this corridor.



As of the date of this SIP report, no additional park land acquisition has been completed in the general vicinity of the Kyle Drive property. Neighborhood Parks are intended to provide recreation opportunities for residents within (but not limited to) a ½ mile radius. At the time of this report, there is no *special intent* proposed for the site. The Kyle Drive property will serve as the Neighborhood Park resource for residents of the Kyle Drive area east of Louisburg Road.

Site Description:

The 27.25 acre site originally known as NPS 41 and now renamed the Kyle Drive property is a vacant parcel located at **4700 Kyle Drive** near the intersection of Louisburg Road (U.S. Highway 401) and Valley Stream Drive. This future park site is outside of the City limits but is within the City's planning jurisdiction (Raleigh Extraterritorial Jurisdiction, or ETJ). This property is located in the Northeast Planning District, and the Citizen Advisory Council (CAC) District is Northeast. The site is zoned as Residential-10 (R-10) and Conservation Management District (CM). A CM zoning district restricts land use to the following: restricted agriculture uses (tree and vine crops), fish hatcheries, public parks, recreational uses related to residential development, private recreational camps not operated for profit, cemeteries, watersheds, wells, water reservoirs, or water control structures.



The vicinity of the Kyle Drive property has been developed in recent years with high density residential neighborhoods composed of small lots. The area is not currently well developed for pedestrian use. Kyle Drive is scheduled to be developed with a 5 foot sidewalk along the future park site. Adjacent land on the large lot immediately north of Kyle Drive is currently forested. The future park site is bordered to the west by Valley Stream Drive. Adjacent land use to the east and south is high density residential, and to the east and north is low density residential. Jelynn Street to the east of the future park site is identified in the City's Comprehensive Plan as a collector street and has been built to a 36 foot street on 55 feet of right of way. The Comprehensive Plan calls for the extension of Jelynn Street through the Kyle Drive property to connect with Valley Stream Drive. In the high density residential area to the south of the park, three streets (Windsprint, Windproof, and Windblown) are currently dead end streets, and will need to be terminated within the future park site (see photo below). The City will be required to dedicate Right of Way (ROW) and slope easement and contribute funds for future road improvements when park development begins.

There are utility easements on both the west and east side of the Kyle Drive property. The park site is best accessed from either of these utility easements. A Progress Energy transmission line corridor runs the length of the site's western boundary (photo below). This easement is maintained by Progress Energy with herbicide application applied every three years to maintain low growing vegetation. Fire ants are abundant in this area. Imported fire ants constitute a hazard to both people and wildlife. Imported fire ants are found throughout much of eastern North Carolina and spread to new areas through transport of fire ant infested nursery stock and sod. Areas with fire ants are currently under quarantine by the U.S. Department of Agriculture and the North Carolina Department of Agriculture and Consumer Services. Quarantine is directed at nursery operators.

A City of Raleigh Sanitary Sewer Easement comprises the eastern boundary of the site. This easement is maintained by the Public Utilities Department through annual mowing with a rotary cutter or brush hog.

The Kyle Drive property is located in a flood hazard area known as Zone AE and Zone X. These Zones are defined by the Federal Emergency Management Agency (FEMA) in a Flood Insurance Rate Map (FIRM). Zone AE is within the 100 year floodplain. Zone X is outside the limits of a 100 year floodplain. The site is a combination of wooded upland, wetland, and utility easements. Several perennial and intermittent creeks run through the property.

Existing Facilities and Site Conditions: A *Phase 1 Environmental Site Assessment* was completed in 2008 for the Kyle Drive property during the site acquisition process (then called Gholizadeh Tract corresponding to the seller name); the Executive Summary of the report is included in Appendix C. The *Phase 1* report concludes no significant evidence of environmental contamination, environmental impairment, or Recognized Environmental Conditions (REC) in association with the property. This site was reviewed before final site acquisition by City of Raleigh staff (Sally Thigpen, City of Raleigh Urban Forester, Sherry Graham, Tree Planting Coordinator, Melissa Salter, Land Stewardship Coordinator, Jill Braly, Planner 1) to determine if there were any significant site issues. The property assessment dated July 15, 2008 reported no site issues that should impact the acquisition process.

Site investigations for the purpose of developing a System Integration Plan for the Kyle Drive property were conducted during May, July, and October of 2009. The dominant feature on the site is the wetland on the eastern portion of the property. The site appears to have been logged fairly recently. There are cut stumps, old slash piles, and vehicular access paths in the western portion of the property. There is a camping site with a campfire pit and associated trash and beer cans in the southern portion of the site, however this area does not appear to have been used for some time. There is a small deer stand near the eastern boundary adjacent to the wetland (see photo below). There are several rock piles on the site, one rock pile located in the west central area and two rock piles located on the southern property boundary. Encroachment in the high density residential area to the south is minor. There are signs of minor ATV use on the site, particularly in the Progress Energy transmission line corridor on the western boundary. No structures or structural remains have been observed on the property during site investigations. The property boundary signage along the perimeter of the parcel is adequate.

Deed Restrictions

There are no deed restrictions associated with this property.

Inventory of Natural Resources: Soils, Water Resources, Flora and Fauna

The majority of the property is currently forested, with a wetland on the northeast portion of the property. There are no known North Carolina Natural Heritage Program Element Occurrences on or within a one mile radius of the Kyle Drive property.

Soils of the Kyle Drive Property

The following soil data was created by the USGS and the North Carolina Center for Geographic Information and Analysis. The Kyle Drive property is underlain by the Appling-Louisburg-Wedowee soil association. This soil association is described in the *Wake County Soil Survey* as gently sloping to steep, deep and moderately deep, well-drained and somewhat excessively drained soils that have a subsoil of very friable coarse sandy loam to firm clay; derived mostly from granite, gneiss, and schist. This soil association is described as being droughty in many places. The *Wake County Soil Survey* describes the major soils of this association to have moderate to severe limitations to use as absorption fields for septic tanks, no special limitations if they are used to support foundation footings for large buildings, and a main limitation of bedrock near the surface for road construction. The Louisburg soils of Wake County are strongly acid and are low in natural fertility and content of organic matter (Cawthorn 1970). There are five soil mapping units within the property. Approximately 38% of the Kyle Drive property is underlain by the hydric soil WoA.

PgF **Pacolet-Gullied land complex, 4 to 25 percent slopes**

This component is on uplands, hillslopes on ridges. The parent material consists of saprolite derived from granite and gneiss and/or schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. This soil is not flooded. Organic matter content in the surface horizon is about 1 percent.

WoA **Wehadkee and Bibb Soils 0 to 2 percent slopes, frequently flooded**

This soil is poorly drained and found on flood plains and in depressions. Stream channels are poorly defined in these areas. Where these soils are on floodplains they are wet and subject to frequent flooding of long duration. The water table is at the surface for at least 6 months. The surface layer is grayish brown sandy loam to silt loam 3 to 12 inches thick. The subsurface is mottled loam to sandy loam and the combined thickness of the surface layer and subsoil is more than 36 inches. Surface runoff is slow to ponded.

WkE **Wake soils 10 to 25 percent slopes**

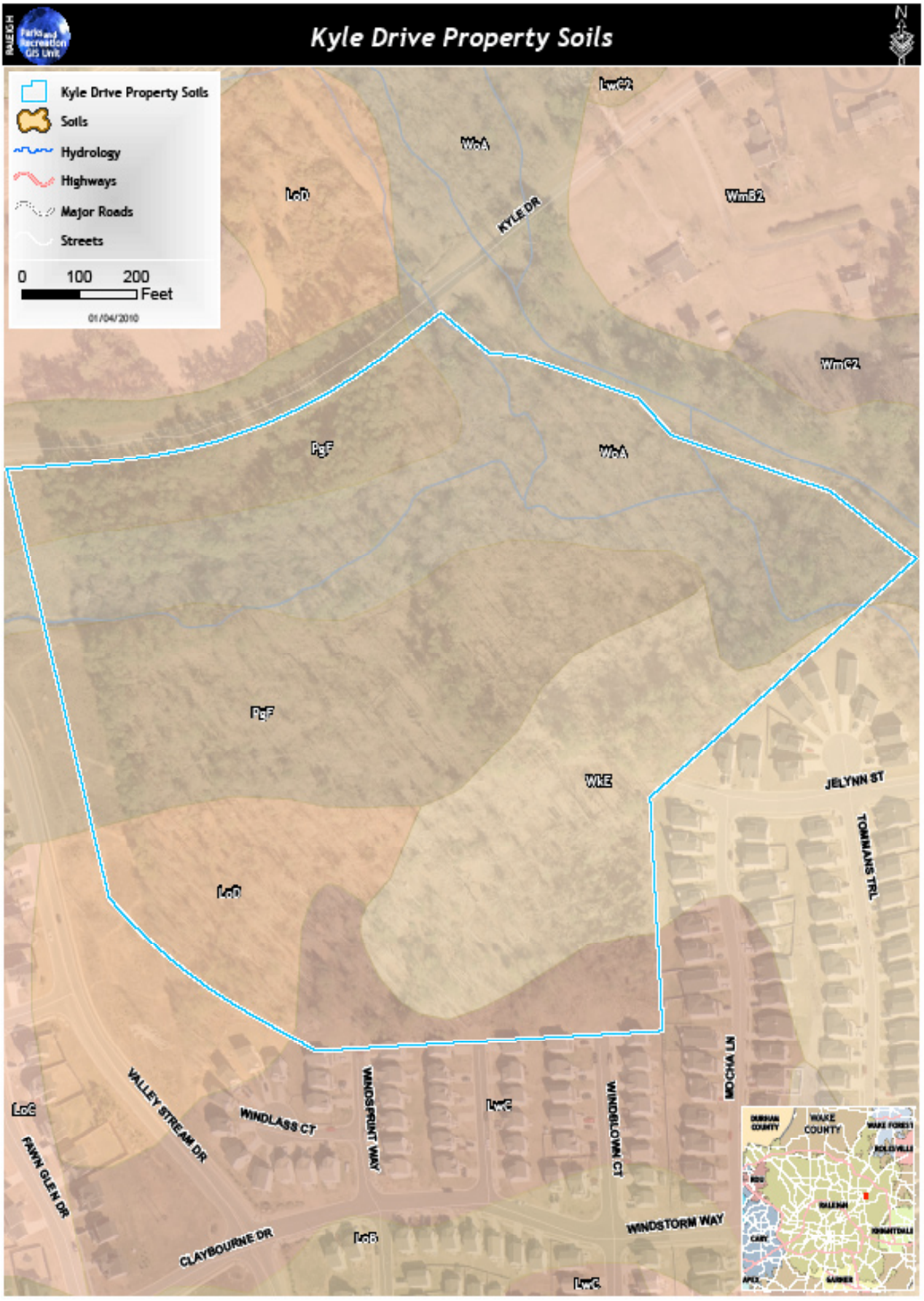
These soils are on side slopes bordering drainage ways in the uplands. Their surface layer is loamy sand or gravelly loamy sand 2 to 10 inches thick. It is underlain with loamy sand 0 to 10 inches thick. Infiltration is good. Surface runoff is very rapid. Because of bedrock near the surface and slopes, these soils should be kept in forest.

LoD **Louisburg loamy sand 10 to 15 percent slopes**

This soil is on side slopes bordering drainage ways in the uplands. The surface layer is loamy sand 4 to 6 inches thick. The subsoil is very friable sandy loam that is 4 to 24 inches thick. Some areas have from 20 to 50 percent of the surface layer consisting of pebbles and cobblestones. Infiltration is good and surface runoff is very rapid. This soil is highly susceptible to further erosion.

LwC **Louisburg-Wedowee complex 6 to 10 percent slopes**

In a typical mapped area, about 60 percent of the acreage is Louisburg soil, 38 percent is Wedowee, and 2 percent is Durham, Vance, and other soils. Included with these soils were some areas in which 20 to 50 percent of the surface layer consists of pebbles and cobblestones.


Kyle Drive Property Soils
Kyle Drive Property Soils
Soils
Hydrology
Highways
Major Roads
Streets
0 100 200
Feet
01/04/2010
N
LwC2
WoA
LoD
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KYLE DR
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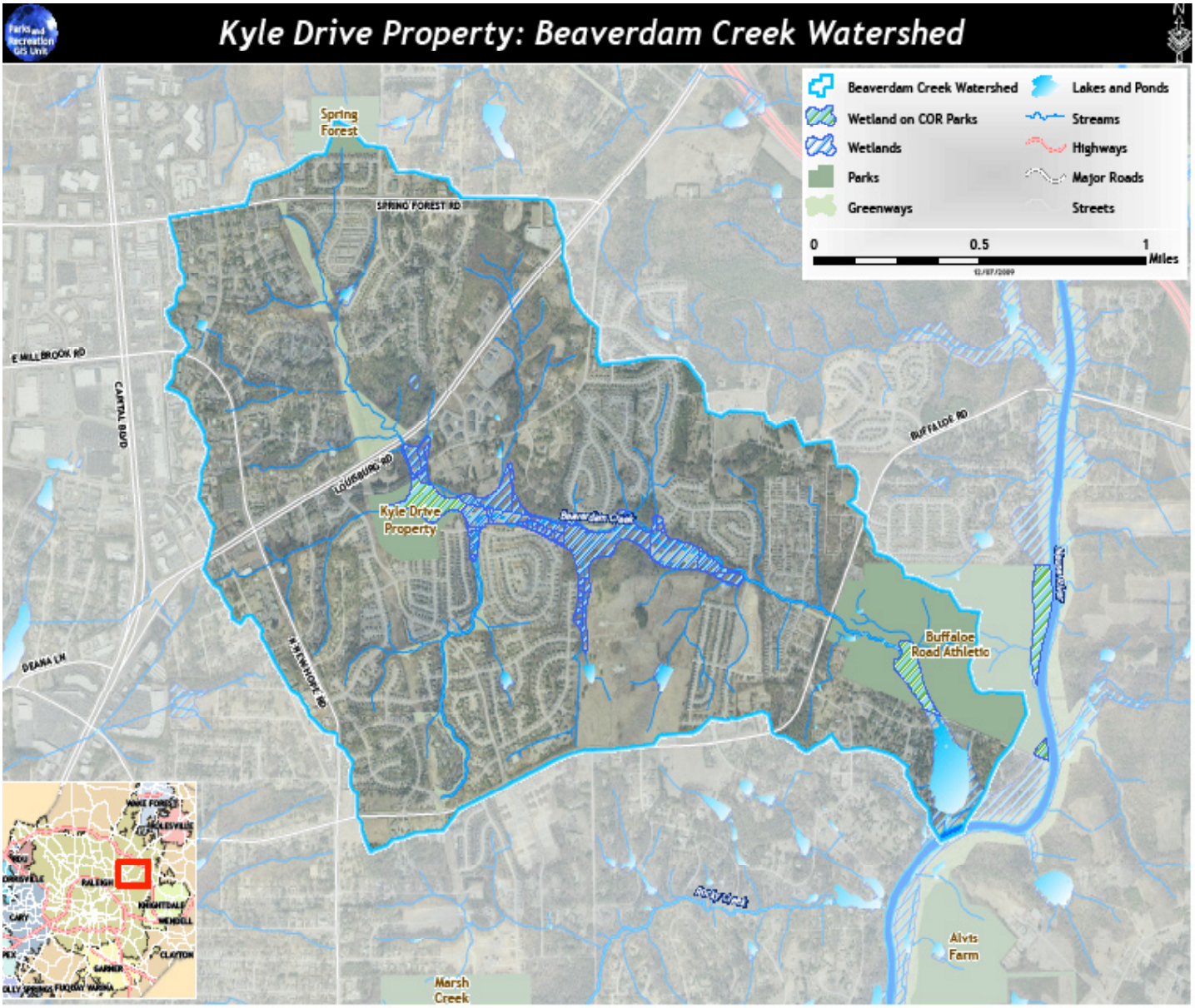
MOCHA LN
LoE
VALLEY STREAM DR
WINDLASS CT
WINDSPRINT WAY
LwC
WINDBLOWN CT
FAWN GLEN DR
WINDSTORM WAY
CLAYBOURNE DR
LoD
LwC
DURHAM COUNTY
WAKE COUNTY
WAKE FOREST
ROLESVILLE
RDU
RALEIGH
CARY
KNIGHTDALE
APEX
GARNER

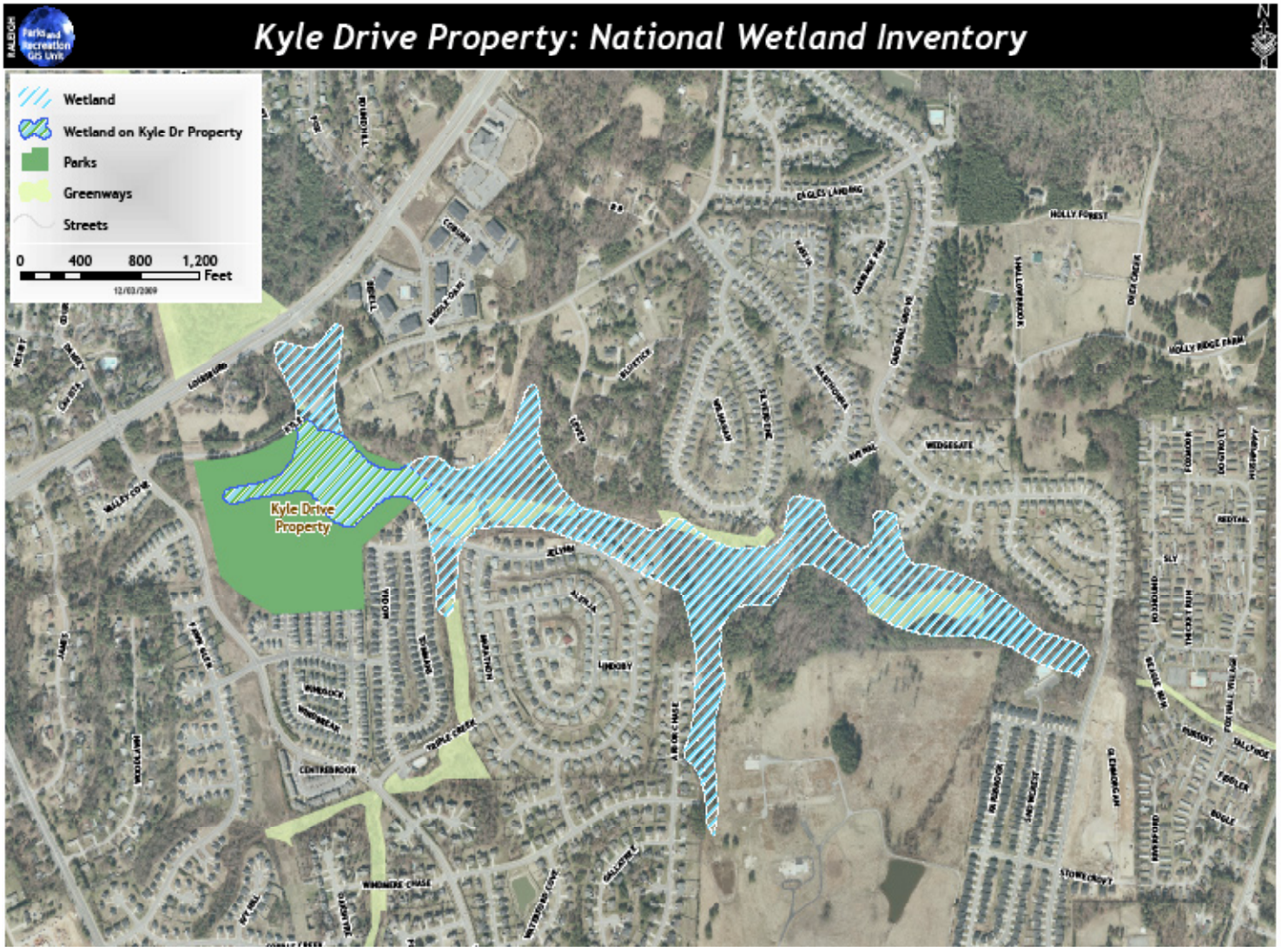
Water Resources of the Kyle Drive Property

The City of Raleigh's Kyle Drive property is located in the Beaverdam Creek watershed of the Neuse River Basin. Surface water resources on the property consist of two perennial stream channels that flow into a wetland on the eastern portion of the site. The streams and wetland are subject to state and federal jurisdictional regulation under Section 404 of the Clean Water Act and North Carolina's Neuse River Riparian Buffer Rules.



The perennial stream entering the property from the west is an unnamed tributary ranked as a third order stream. The stream channel is minimally braided and defined as it enters the property and becomes very braided and undefined where it joins the wetland on the central portion of the property. Beaverdam Creek is a large perennial stream that flows northward under Jelynn Street then northwesterly to the Kyle Drive property. There is a report of beaver living upstream on Beaverdam Creek.

The wetland on the Kyle Drive property is a portion of a *57* acre wetland that stretches east of the property and is associated with Beaverdam Creek (see map below). This wetland is listed on the *United States Fish and Wildlife Service National Wetland Inventory.* The portion of the wetland on the Kyle Drive property is (approximately) 8.13 acres. The City of Raleigh Greenway system holds additional portions of this large wetland through either fee simple ownership or easement.

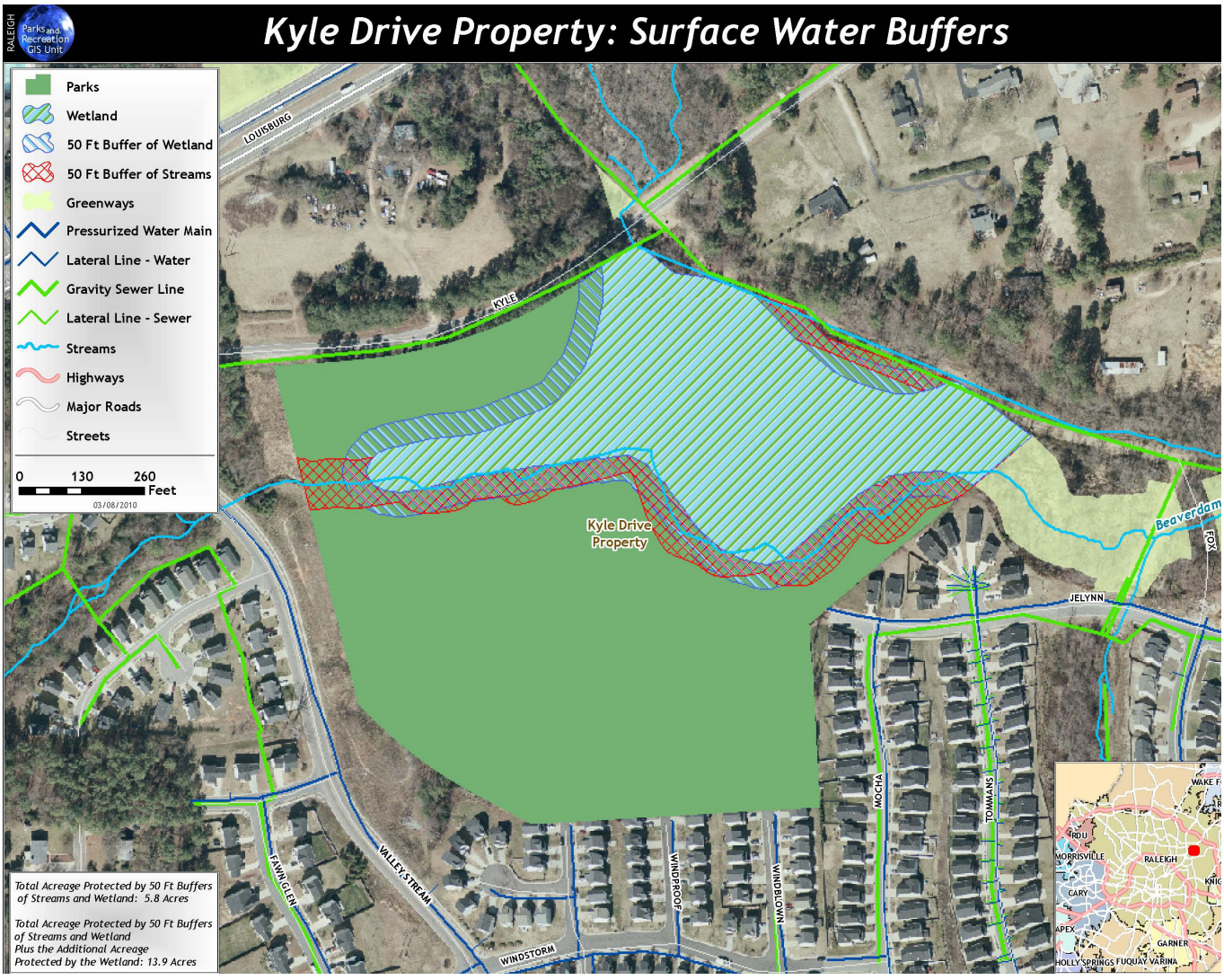


The wetland is classified according to the Cowardin wetland classification as PFO1A: palustrine, forested, broad-leaved deciduous, temporarily flooded. The wetland appears to have been dominated by trees in the past, however the hydrology at least on the Kyle Drive property portion of the wetland appears to have changed over time, evidenced by abundant snags in standing water (see photo above). Currently, the site appears to be continually inundated with shallow water. In the wetland's current condition, the site characteristics follow the *Non-Tidal Freshwater Marsh* wetland classification developed for the North Carolina Wetland Assessment Method (NC WAM). Non-tidal freshwater marshes are found throughout North Carolina in floodplains and along linear conveyances. In this case the wetland is associated with Beaverdam Creek.

In the area of standing dead trees where the water is deepest, herbaceous vegetation is dominated by Lizard's Tail (*Saururus cernuus*). Tag Alder (*Alnus serrulata*), Climbing Boneset (*Mikania scandens*), and Smartweeds (*Persicaria* spp.) are dominant where the water is shallower. There is a large stand of Giant Cane (*Arundinacea gigantea*) in the eastern portion of the wetland. The wetland is dominated in some locations by the invasive plants Japanese Stilt Grass (*Microstegium vimineum*), Marsh Dayflower (*Murdannia keisak*), and Chinese Privet (*Ligustrum sinense*). These invasive plants do not appear to impact the stormwater holding and water filtering functions of the wetland, but do impact the wildlife value of the wetland because they decrease the vigor and diversity of native wetland plants that support a diversity of wildlife. There are emergent soft-stemmed aquatic plants present on the site, including Arrow arum (*Peltandra virginica*), Arrowhead (*Sagittaria latifolia*), Broad-leaved Cattail (*Typha latifolia*), and Sedges (*Carex* spp.). There are signs of past beaver activity in the wetland area near Jelynn Street, and a report of beaver living just upstream of the Kyle Drive property on Beaverdam Creek. There are fish present in the wetland.

As stated earlier in this report, according to the January 2010 City of Raleigh Comprehensive Plan, Jelynn Street is planned to extend through the Kyle Drive property to Valley Stream Drive. Isolating the wetland from the adjoining upland by installing a street through the Kyle Drive property will be detrimental to wildlife at this site, particularly with the existing intense development surrounding the property. The streams and wetland are significant features on this site, and should be protected and enhanced for wildlife habitat, water quality, and programming and educational opportunities during future park development. Disturbance to these areas during site development should be minimized and a permanent buffer should be maintained.

The Neuse River Riparian Buffer Rules require a minimum 50-foot wide riparian buffer directly adjacent to surface waters in the Neuse River Basin. A 50 foot buffer of both streams and the wetland would protect 5.8 acres in addition to the wetland, for a total protected area of 13.9 acres on the site. The City allows some minimal use within a buffer, however no land-disturbing activity is allowed within 80 feet of the water edge if the average slope is between 15 and 20 percent, and within 95 feet if the slope exceeds 20 percent. The portion of the Kyle Drive property south of the wetland does contain some steeper slopes that will need to be evaluated during site



The following description of groundwater characteristics on the parcel is from the *Phase 1 Environmental Site Assessment*: "The location of the subject property appears to be situated within an area dominated by metamorphic rocks of the Raleigh Belt. The rocks at this general location would consist primarily of injected gneisses such as biotite gneiss and schist. The hydrogeological system in the area of the subject property includes both the surficial sediments and underlying bedrock. Groundwater in sediments is present in pores between individual sediment grains. In bedrock, groundwater is present predominantly in horizontal and subhorizontal unloading fractures, and in near, vertical stress fractures. Groundwater depths are variable and generally approach ground surface near streams and rivers. Based on the historical groundwater flow characteristics in this area, groundwater flow typically mirrors surface topography. Accordingly, groundwater flow in the vicinity of the subject property would be expected to be generally from the south to the north."

Flora Resources of the Kyle Drive Property

Site investigations of flora resources were conducted by City of Raleigh staff during the months of May, July, and October in order to capture various flowering periods to correctly identify plant species. Flora identification will be ongoing will be onbe will be be ongoing at this site. Additional plants that are identified during annual site inspections and work days will be added to the plant inventory. Species naming follows "*Flora of the Carolinas, Virginia, and Georgia, and Surrounding Areas*" by Alan S. Weakley, 2008.

The Kyle Drive property is comprised of a combination of Piedmont Dry-Mesic Pine Forest, Piedmont Swamp Forest, and Non Tidal Freshwater Marsh. The diversity of plant community and habitat types on this site include streams, riparian area, wetland, dry and mesic forest, and the herbaceous easement areas that are artificially maintained to control woody vegetation, thus providing open grassland areas.

The wetland area and riparian zones totaling almost 14 acres are a combination of Piedmont Swamp Forest and Non Tidal Freshwater Marsh. Piedmont Swamp Forests are generally on Wehadkee soils, in this case approximately 38% of the Kyle Drive property is classified as Wehadkee soil. Piedmont Swamp Forests may be flooded for relatively long periods of time (Schafale and Weakley, 1990). As stated previously, the wetland area contained more trees in the past, however as the hydrology of the site changed the prolonged flooding killed the trees and much of the wetland has transitioned into a Non Tidal Freshwater Marsh, dominated by herbaceous vegetation. The periphery of the wetland does still support woody vegetation, including Red Maple (*Acer rubrum*), Sweet Bay (*Magnolia virginiana*), Common Winterberry (*Ilex verticillata*), and Tag Alder (*Alnus serrulata*). A detailed plant list for the entire site is included in Appendix D.

Wetland vegetation on this site is currently dominated by invasive Japanese Stilt Grass (*Microstegium vimineum*), invasive Marsh Dayflower (*Murdannia keisak*), and Chinese Privet (*Ligustrum sinense*). Diversity of native wetland flora is low. Native wetland species do include Arrow arum (*Peltandra virginica*), Arrowhead (*Sagitarria latifolia*), Lizard's Tail (*Saururus cernuus*), and Climbing Boneset (*Mikania scandens*). There is an area of dense Giant Cane (*Arundinacea gigantea*) and Greenbriar (Smilax sp.) in the wetland area nearest Jelynn Street.

The managed utility easement on the western portion of the Kyle Drive property is maintained by mowing and herbicide application to control woody vegetation. Herbaceous species in this area include Spotted Beebalm (*Monarda punctata*), Mountain Mint (*Pycnanthemum* sp.), Ironweed (*Vernonia noveboracensis*), and Butterflyweed (*Asclepias tuberosa*).

The upland forested portion of the Kyle Drive property is primarily Piedmont Dry-Mesic Pine Forest. There is a small area of invasive kudzu (*Pueraria Montana var. lobata*) near the northeastern corner of the Progress Energy utility easement (photo below). This invasive plant can quickly take over, growing a foot per day. As many as thirty vines can grow from one root crown. If kudzu remains on this site it will likely kill trees and other vegetation by smothering, girdling, and uprooting. The dominant trees in the kudzu area are mature pines.

Rare and Protected Plant Species: Michaux Sumac (*Rhus michauxii*) is a federally protected plant known to occur in Wake County and listed as "Endangered" by the U.S. Fish and Wildlife Service (USFWS) *Endangered Species Act of 1973*. The Endangered Species Act requires that any action likely to adversely affect a federally protected species is subject to review by USFWS. City of Raleigh staff has conducted a thorough site survey for Michaux Sumac. No specimens of this endangered plant were found.

The USFWS lists four federal plant species of concern (FSC) in Wake County: Bog Spicebush (*Lindera subcoriacea*), Sweet Pinesap (*Monotropis odorata*), Grassleaf Arrowhead (*Sagittaria weatherbiana*), and Virginia least trillium (*Trillium pusillum* var. *virginianum*). None of these plant species are likely to have suitable conditions available on the Kyle Drive property, and no specimens of these plants were observed on the site during site investigations.

The North Carolina Natural Heritage Program (NCNHP) database of rare species and unique habitats (2008) was reviewed. No element occurrences are found on the parcel.

Tree Conservation Ordinance: The City of Raleigh Tree Conservation Ordinance (TC-7-04) is designed to protect trees during pre-development of a site by defining allowable tree removal activity. During site development, the Kyle road property will be required to establish Tree Conservation Areas (TCAs).

The following tree removals and disturbance are not allowed without a Tree Conservation Permit:

- Champion trees
- Trees in Resource Management Districts
- Trees in natural protective yards
- Timber harvests
- Trees related to installation of a use, structure, driveway, or facility improvement
- Trees related to a subdivision or a site plan
- More than 15 trees on parcels greater than or equal to 2 acres in size
- Healthy trees greater than or equal to ten inches dbh within the following protected buffer areas: 50 feet of a thoroughfare, 32 feet of a vacant property line, 65 feet of any other property line including non-thoroughfare roadways

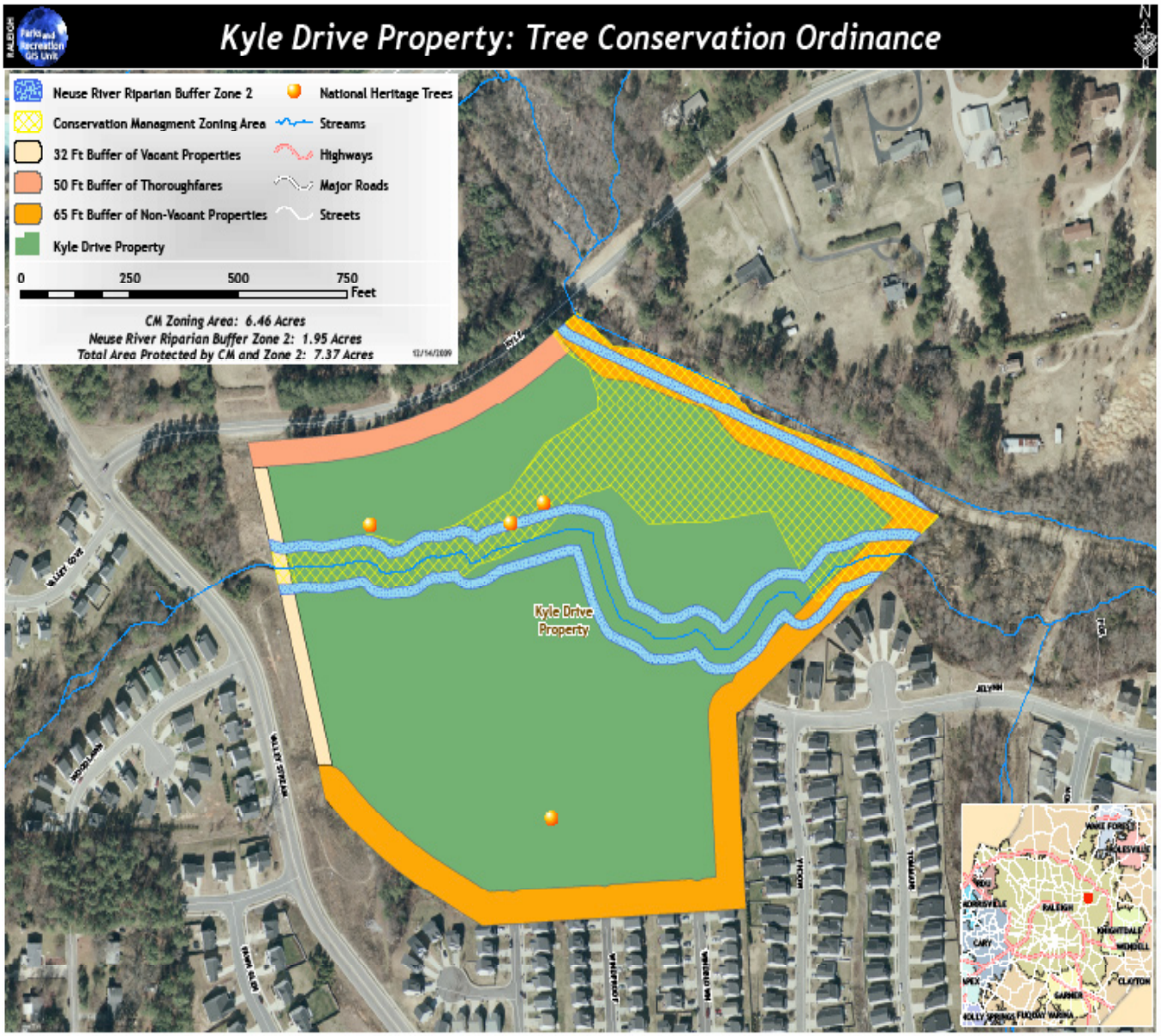
A portion of the Kyle Drive property is zoned CM, or Conservation Management. This is a type of Resource Management District, so all tree removal in this zone will require a Tree Conservation Permit.

Control and removal of non-native invasive tree species to promote the vigor and diversity of native trees is appropriate under "Urban Forestry" practices within the context of the Tree Conservation Ordinance.

During site development tree preservation will be required through the establishment and protection of Tree Conservation Areas (TCAs) (Section 10-2082.14). At present, four types of Primary TCAs must be identified and established wherever they occur on a site: tree protection areas required in Resource Management Districts and conditional-use zoning or re-zoning tree protection areas, Champion Trees, Neuse River Riparian Buffer Zone 2, and slopes greater than or equal to 45% adjacent to or within floodways.

At the time of this report, TCA requirements for the Kyle Drive property (zoned R-10 and CM) will be 10% of 27.25 acres, or approximately 2.73 acres. TCAs are not dedicated until the site development phase and will need to be reevaluated at that time. The Neuse River Riparian Buffer Zone 2 would contribute 1.95 acres to the required TCA, and the Conservation Management Zone would contribute 6.46 acres, for a total of 7.37 acres or approximately 27% of the Kyle Drive property.

Four Heritage Trees were observed on the Kyle Drive property during natural resources inventory of the site and have been mapped. Heritage trees are defined in Chapter 556 Senate Bill 238 as canopy trees with a DBH (Diameter at Breast Height) of 36 inches or greater, or an understory tree with a DBH of 10 inches or greater.



Fauna Resources of the Kyle Drive Property

The wetland and the adjacent upland of the Kyle Drive property are important wildlife areas. The Kyle Drive property is located within a sub-watershed that contains fish or mussels listed with the state of North Carolina as Priority Species in the Wildlife Action Plan. Priority Species are species that are declining, threatened, endangered, and/or have limited data, indicating a need for survey, monitoring, and research attention in order to improve overall understanding of them. Staff from the *North Carolina Wildlife Resources Commission* assisted the City of Raleigh in developing a listing of Priority Species that may *potentially* occur on the property, included on the following page.

Wildlife sightings and signs observed during site investigations are recorded in Appendix E. Water fowl have been observed in the standing water of the wetland, woodpeckers have been observed utilizing the standing dead trees in the wetland area, and white tailed deer are often observed on the property. Raccoon tracks are abundant in the stream and wetland areas. Snakes have been observed on this site. Several Eastern Box Turtles (*Terrapene carolina*) have been observed in the upland area near the wetland. Box turtles are long lived (25-30 years, and even up to 50 years), slow to mature (turtles reach maturity between 7 and 10 years), and have few offspring per year. Over the span of their lifetime, only 2-3 of their offspring will make it to adulthood. These qualities make the turtles sensitive to development and capture for the pet trade, and box turtles are in decline. Habitat loss and fragmentation create a need for box turtles to cross roads and venture into areas used by humans. Habitat fragmentation is defined as the process by which natural habitats are separated from similar habitats by land that is used by humans *(Dodd, K.C. North American Box Turtles: A Natural History. University of Oklahoma Press 2001)*. As stated previously, the City of Raleigh Comprehensive Plan calls for the extension of Jelynn Street through the Kyle Drive property to Valley Stream Drive. Separating the wetland area from the adjacent upland on this site will be detrimental to a variety of wildlife.

Rare and Protected Wildlife: Three wildlife species known to occur in Wake County are listed as endangered or threatened through the *Endangered Species Act of 1973*: bald eagle (*Haliaeetus leucocephalus*), red-cockaded woodpecker (*Picoides borealis*), and dwarf wedgemussel (*Alasmidonta heterodon*). The Endangered Species Act requires that any action likely to adversely affect a federally protected species is subject to review by USFWS.

The bald eagle is listed as federally *threatened* and has a *threatened* state status in North Carolina. No bald eagles or bald eagle nests were observed during field investigations of the parcel. The NCNHP has no records of known populations of bald eagle on the parcel. Development of this park site is not expected to adversely affect the bald eagle.

The red-cockaded woodpecker is listed as federally *endangered* and has an *endangered* state status in North Carolina. The red-cockaded woodpecker is found in open, old-growth pine stands greater than sixty years old. No red-cockaded woodpeckers or their cavity trees were observed during field investigations of the parcel. The NCNHP has no records of known populations of this bird within a one mile radius of the parcel. Development of this park site is not likely to adversely affect the red-cockaded woodpecker.

The dwarf wedgemussel is listed as federally *endangered* and has an *endangered* state status in North Carolina. The dwarf wedgemussel is known to occur in the Neuse River basin, inhabiting large rivers to small streams. In the southern portion of its range it is often found buried under logs or root mats in shallow water (USFWS 1993). It is unknown whether dwarf wedgemussel may occur on the Kyle Drive property, and additional investigation is needed. The NCNHP has no records of known populations of the dwarf wedgemussel on the Kyle Drive property.

The USFWS lists twelve federal species of concern (FSC) in Wake County. A table is included listing the habitat requirements of the twelve species, and whether suitable habitat for them is available on the Kyle Drive property. The information provided in this table has been reviewed by *North Carolina Wildlife Resources Commission* staff.

	Habitat Requirements	**Habitat available on Kyle Drive Property?**
Bachman's sparrow *Aimophila aestivalis*	Prefer longleaf pine woodlands with grassy areas, particularly those that have been burned recently; 'Special Concern' in North Carolina	No
Carolina darter *Etheostoma collis lepidinion*	Small to moderate sized streams with low current velocity, preferring substrates of mud, sand and sometimes bedrock; tolerant of fine sediments covering the substrate; 'Special Concern' in North Carolina	possible but unlikely
Carolina madtom *Noturus furiosus*	Occupies relatively larger streams that flow into the Neuse and Tar rivers; commonly seen in mussel shells, under logs and rocks, in piles of leaves and sticks; 'Threatened' in North Carolina	No
Roanoke bass *Ambloplites cavifrons*	Creeks to medium rivers with rock, gravel, sand and silt substrates	unlikely
Southeastern myotis *Myotis austroparius*	Roost in caves or abandoned buildings with standing water and forage over open water; Can also roost in hollow trees	possible but unlikely
Southern hognose snake *Heterodon simus*	Open xeric areas with well-drained sandy soils, and river floodplains	unlikely
Atlantic pigtoe *Fusconaia masoni*	Inhabits mostly medium to large streams with moderate gradients, clean fast water, and sand or gravel bed under riffles	unlikely
Diana fritillary *Speyeria diana*	Breed in deciduous or mixed woods; feed in grasslands and shrub lands	possible but unlikely
Green floater *Lasmigona subviridis*	Small to medium freshwater streams with slow current gravel and sand substrates, in water depths of one to four feet, in the Neuse River Basin	possible but unlikely
Yellow lance *Elliptio lanceolata*	Freshwater streams and rivers with clean coarse to medium sized sandy substrates, rocks, and in mud in slack water areas of Neuse River Basin	possible but unlikely

Cultural Resources and Historical Site Use

A cultural resources background study of the Kyle Drive property was completed by the City of Raleigh Land Stewardship Coordinator utilizing the following data sources:

1. Historic maps at the North Carolina Department of Archives and History. The 1871 and 1878 Wake County Maps by Fendol Bevers show no evident occupancy on the property.

2. Deed records from the parcel.

3. U. S. Department of Agriculture (USDA) Natural Resources Conservation Service in Raleigh North Carolina aerial photographs:

a. Photo BOP-3F-160, Grid M-7, flown March 29, 1949 - USDA Natural Resources Conservation
b. Photo BOP-7FF-182, Grid M-7, flown March 15, 1965 - USDA Natural Resources Conservation
c. Photo BOP-3MM-40, Grid M-7, flown February 23, 1971 - USDA Natural Resources Conservation
d. Photo USDA 40 37183, Grid178-42, flown April 26, 1981 - USDA Natural Resources Conservation
e. Photo NAPP 6137-227, GridG-8, flown February 23, 1993 - USDA Natural Resources Conservation

4. Phase 1 Environmental Site Assessment for Gholizadeh Tract, 4700 Kyle Drive, Raleigh, North Carolina, September 2, 2008 by GeoLogix, Inc.

Aerial photos of the property from 1949 to 1993 were reviewed. Some areas of the site appear to have been continually forested throughout this time period. The Progress Energy utility corridor was installed after 1954, and is visible on the 1965 aerial photo. The wetland area of the site appears to be wooded until at least the 1971 photo. There was a cleared area near Kyle Drive in the 1949 and 1954 photo that may have also had a small structure. This area was reverting to forest by the time of the 1971 photo. Adjacent land to the east and south was not yet developed in the 1993 photo.

Interim Management of the Kyle Drive Property

Interim management of the Kyle Drive property will be ongoing until future park development and the initiation of a Master Plan for this site. The System Integration Plan is not intended to restrict the Master Plan process. Updates to interim management on the site will be posted on the City of Raleigh website under "System Integration Plan".

The Kyle Drive property is monitored on a regular basis by Parks staff. Site issues are addressed as needed. Parks staff patrols the park boundaries and continues to conduct site investigations for the purposes of natural resources inventory. Illegal dumping is monitored and cleaned up on a regular basis. Tree maintenance and other grounds maintenance is done as needed. Road Right of Way is mowed and cleaned up regularly. Herbicide application is applied approximately twice per year to control curbside vegetation.

On undeveloped park sites with a completed SIP, the City of Raleigh Land Stewardship Coordinator shall conduct a site review on an annual basis to review existing site conditions, review the status of recommended interim management activities, and determine whether interim management recommendations should be modified.

Interim Management Recommendations

The following interim management recommendations are proposed for the Kyle Drive property. The management tasks should be completed on the site as resources and staff are available. The City of Raleigh Land Stewardship Coordinator should prioritize the interim management recommendations and identify specific staff to complete the tasks. The Land Stewardship Coordinator will be responsible for initiating a request to appropriate staff to conduct the specific action recommended for the site. Work progression and updates will be recorded in the final section of this report.

Interim management recommendations are organized into three categories: *Safety, Environment, Property Issues*:

Safety

- The Kyle Drive property is an undeveloped park site and therefore is not managed on a frequent basis for public safety. The property has not yet been fully evaluated for safety, and could contain unknown conditions such as unstable trees, barbed wire, or other hazards. Public access to the site should be discouraged until a full site hazard evaluation and remediation is completed. Signage stating NO TRESPASSING should be placed at logical and apparent entrances to the site. Related educational information should be developed to aid in communication to neighbors and other groups that might be encountered on or interested in this site.

- Remove deer stand near eastern property boundary.

- Post No Hunting signs on the site.

- Post signs stating "NO ATV use"; Develop City of Raleigh ATV guidelines through public relations/marketing.

- Determine species of fire ant in Progress Energy easement. If the fire ants are determined to be imported fire ant species, the City should investigate potential fire ant control through cooperation with Progress Energy.

- Review location of hazardous trees particularly along established trails or other often frequented areas. Remove hazard trees as needed. Downed wood could be left on site for wildlife habitat. Standing dead trees that do not constitute a hazard should remain on site for wildlife habitat.

Environment

• Kudzu control should be initiated as soon as possible. The area should first be evaluated for desirable native vegetation in proximity to the existing kudzu. Desirable vegetation should be preserved if practical, or replanted after kudzu removal to increase the effectiveness of the control. For successful long term control the kudzu root system must be destroyed. The root crowns should be examined in winter or early spring to determine the age of the stand. If the root crowns are over two (2) inches in diameter a higher herbicide rate will be required. Higher herbicide rates and more treatments may also be needed on clay soils. The soil data from the USGS and the North Carolina Center for Geographic Information and Analysis label the soil in this area as Gullied Land. A detailed soil test should be done in the kudzu area to determine if clay soils are present. Kudzu should be treated according to label with chemicals approved by the City of Raleigh. Repeated chemical treatments may be needed.

• Inventory and assess invasives and determine suitable control methods. The invasive non-native species should be managed when staff and resources are available to do so. Priority species for removal is kudzu.

• Continue inventory and mapping of natural resources including flora and fauna. It will be particularly important to inventory reptiles and amphibians present on this site that may be impacted by extending Jelynn Street through to Valley Stream Drive as called for in the City of Raleigh Comprehensive Plan. Flora inventory and inventory of wildlife should continue as staff or volunteers with inventory skills are on site for annual inspections or work days.

• Conduct wetland delineation.

• Review areas with erosion and implement Best Management Practices (BMPs) where and when appropriate.

• Forest management may be needed on the site, for example to address storm damage or serious disease or insect infestations.

Property Issues

• Signage at the site should include a Parks and Recreation phone number, and possibly website information, to report non-emergency site issues.

• Facilitate removal of old silt fence from eastern property boundary.

• Remove fire pit and clean up debris from camping area on the southern portion of the site.

• Continue to monitor for dumping and remove debris as needed.

• Establish communication with neighborhood adjacent to the site.

<u>Completed and Ongoing Interim Management responsibilities</u>

• Inventory of natural and cultural resources initiated
• The name of the site has been changed from NPS 41 to the Kyle Drive property
• Property boundaries markers have been installed around the perimeter of the site

Appendix A

City of Raleigh

Council Resolution (2003) - 735

RALEIGH Parks and Recreation
parks.raleighnc.gov

Resolution (2003) – 735

A RESOLUTION TO REVISE THE PROCESS FOR APPROVAL OF MASTER PLANS FOR PARK AND RELATED PROJECTS

PURPOSE: To develop a total program for a park which will best meet the needs of the community for which it is intended to serve. To insure that this purpose is met, there needs to be citizen input as well as professional planning and design. The entire process is designed to optimize public participation.

The purpose of a Master Plan for an individual piece of property is to determine the scope and character of its transformation for recreational purposes and for conserving significant environmental features. It has a relationship to the larger comprehensive recreation plan in that it fulfills some portion of the broader recreation objectives.

This resolution was developed to clarify and improve the Master Planning Process. It will serve as a helpful guideline for both the professionals and citizens involved in park planning. It is intended to replace Resolution (1988) – 195 and all other Master Planning guidelines, procedures and policies. Flow charts have been provided as visual aids. Descriptions of the park acquisition and development process have been added after the discussion of the Master Planning Process. A new element has been added to guide planning prior to the development of the Master Plan, and titled the "System Integration Plan (SIP)."

The Park Master Planning Process

I. Master Plan

A Master Plan is a conceptual design document that generally describes and guides the future management and development of a park property. Its preparation is intended to be a public process to ensure that the needs of the public are met while preserving the ecological function and environmental quality of the site. Generally, all parks should have an adopted, relatively recent (less than 15 years old) Master Plan when intended for park development.

II. Request to Initiate Master Plan

Recommendation to consider a Master Plan study (new, revised or amended) may come from a variety of sources, including: City Council, citizen request or petition, City Administration, or the PRGAB (Parks, Recreation and Greenways Advisory Board). The City Council may choose to set thresholds which (See Decision 2, Section 3) automatically trigger a public master plan process but the City Council retains the right to require a master plan for any and all park properties, including greenways and nodes on the greenways.

III. City Council Authorization

City Council shall approve the initiation of a complete Master Plan, revision or an amendment to a plan, and refer the project to the PRGAB and administration for implementation. Administration shall provide a report to Council and the PRGAB addressing available funding, project schedule, special circumstances, system integration plan, and any other background information.

IV. Select Chair/Vice Chair

Council shall initiate the formal master plan process with the designation of a Chairperson and Vice Chairperson for the Master Plan Committee, who shall also be members of the PRGAB. PRGAB shall nominate for appointment to the Master Plan Committee, however, final appointment of the Master Plan Committee shall be made by the City Council.

Chairperson/Vice Chairperson responsibilities will be to:

- Call all meetings and select the dates, times, and locations
- Preside over the meetings and invite public comment at all appropriate stages throughout the process
- Formulate meeting procedures that encourage open-discussion, well-informed decision making, and working towards an agreement. The chair will call for a majority vote as needed to finalize decisions.
- Report to the PRGAB on the progress of the Committee, notify the PRGAB of meeting times, and present the final recommendations of the committee to the PRGAB and the City Council

I. Staff Assignment

A core group of Parks and Recreation staff will be identified by administration for participation on the Master Plan Team. (The Master Plan Team consists of staff, design consultants, and the citizen Master Plan Committee). The core group will consist of a minimum of three staff members including the Project Manager, Parks Division Representative, and Recreation Division Representative or appropriate substitute members as the Department may determine. The committee may request other appropriate staff, such as the City Naturalist, Urban Forester, or representatives from other City departments as needed for appropriate reports. Staff will be responsible for preparing agendas for meetings, recording meeting minutes, providing background information, and insuring adequate professional input throughout the process.

II. Project Notification

A. Notification

- A notification sign (or more if the site fronts on multiple streets) will be posted at the site 30 days before the initial public meeting.
- Meeting and project information/background shall be made available at least two weeks prior to the first meeting to the City Council, PRGAB, owners of adjoining properties, registered neighborhood groups, including CACs, and registered park support groups * within a 2 mile radius for any park master plan. Other interested groups as suggested by the Public Affairs or Community Services departments, such as the Historic Districts Commission, the Appearance Commission, the Planning Commission, the Human Resources and Human Relations Advisory Commission, and Mayor's Advisory Committee for Person's with Disabilities, shall also be notified. Meeting and project information will be posted at community centers and at other sites suggested by the Public Affairs Department. PRGAB, City Council, Master Plan Team (and Committee) Members (once identified), or administration all may recommend concerned individuals or groups who may have an interest in the park to receive notifications and mailings.
- Project and press releases shall be posted on Parks and Recreation website(s) at least one week prior to any meetings, with appropriate linkages to other websites as suggested by the Public Affairs Department.

* A procedure for establishing registered park support groups should be developed by staff and submitted to Council for approval.

B. Public Meeting

A public meeting will be held to inform area residents and interested parties of the beginning of the Master Planning Process and to receive initial input, including local knowledge of natural or historic features and community desires. At this meeting, potential Master Plan Committee members may be identified from among the participants. The public meeting will be in an accessible location as close to the park site as practical.

- Notification of the Initial Public Meeting shall be posted 30 days prior to the meeting date, and mailings sent at least 14 days prior to the meeting date. The meeting date will be posted on the Parks and Recreation Department website 30 days prior to the meeting.
- The Public Meeting notice will be publicized as required by City Council, the open meeting law[1] and will be more extensively publicized where deemed appropriate by the chair, Vice Chair, or staff, utilizing appropriate consultation from the Public Affairs Department.

[1] North Carolina State statute Chapter 143, Article 33C specifies that each official meeting of a public body shall be open to the public, and any person is entitled to attend such a meeting. Every public body shall keep minutes of all official meetings. If a public body has established a schedule of regular meetings a current copy of that schedule is to be kept on file with the city clerk. Changes to the regular schedule shall be filed with the city clerk at least seven calendar days before the day of the first meeting held pursuant to the revised schedule. For any other meeting the public body shall cause written notice of the meeting stating its purpose to be posted on the principal bulletin board (Public Affairs Department) of the public body and to mail or deliver to each media service which has requested notice (Public Affairs Department handles these notices). The public body shall also cause notice to be mailed or delivered to

any person who has filed a written request with the clerk. This notice shall be posted and mailed or delivered at least 48 hours before the time of the meeting. These statutes are subject to change. The City staff should annually review these requirements with the City Attorney's office.

III. Consultant Selection

The City's Standard Procedure 100-5 and related Management Policy 100-36 will be followed by the Parks and Recreation Department professional staff and the City Manager for drafting a Request for Proposals (RFP) and selection of the project consultant except as directed by this policy. Final selection shall be subject to final approval by the City Council following normal procedures.

For a Master Plan Amendment, which is required when a new specific use is proposed in a park that does not significantly alter the uses established by the adopted Master Plan for the park, skip items VIII through XI and proceed to XII Public Review of Draft Master Plan or Draft Master Plan Amendments.

IV. Master Planning Committee Selection

- The PRGAB, after appropriate consultation with staff, shall recommend the membership and composition of the Master Plan Committee to the City Council for final appointment. The Master Plan Committee should be representative of persons with interests in the park and appropriate uses. The selection should take into account demographics of the area including age, race, gender, educational background and professional/ personal experience, and other relevant qualifications related to the characteristics of the park involved.
- A minimum of twelve (12) members and a maximum of fifteen (15) members, including the Chair and Vice Chairperson, will be chosen.
- Potential members may be solicited at the Initial Public Notification Meeting, through flyer mailings, nominations from CACs and City appointed bodies, recommendations from City Council, or by posting on the City's Parks and Recreation webpage.
- Candidates should be informed of the expected time commitment and need to attend substantially all committee meetings. Candidates unable to make the commitment of time and study should not be selected.
- Nominees for the Master Plan Committee shall be forwarded to City Council by the PRGAB for final appointment.

V. Education

The Master Plan Committee shall receive background information useful to the master planning process, including:

- A Review of the expectations for full participation, including attendance at meetings and individual study to understand the process and the project.
- A description of meeting procedures by the Chair.
- The current Council approved Master Planning Policies as well as the City Conflict of Interest policies.
- Comprehensive Park, Greenway and open Space Plan and other relevant portions of the City Comprehensive Plan.
- If there is a System Integration Plan, it will be provided.
- The staff will provide an executive summary (and make the complete copy available for review by committee members) of the site inventory with additional staff comment relevant to special features identified in the inventory, and make preliminary suggestions about objectives for the park to be considered by the Committee. Detailed information should be provided on any special environmental features identified through any available sources such as the Wake County Natural Areas Inventory, the NC Natural Heritage Program Database, or the Wake County Capital Trees Program.
- Staff will arrange an appropriate tour of other facilities with relevant programming and a site visit to the target park facility.
- Formal or informal citizen survey from the park planning area if available, and a summary of the public comments that have been received.
- Information on existing or anticipated funding.
- A description of the Parks and Recreation Department organization and operations as it applies to the project, and a description of the consultant and staff roles.

All Master Plan Committee Meetings will be open to the public. It will be the staff's responsibility to insure that the meeting dates are published in accordance with the State of North Carolina's Open Meetings Law.

I. Master Plan Program Development

The Master Plan Committee shall develop a program statement for the Master Plan that describes the overall vision for the park, including uses, sensitivity to natural elements, identity, history and other characteristics as appropriate. The Master Plan Program should be consistent with the System Integration Plan and the Parks, Recreation and Greenways Comprehensive Plan Elements. The Program Statement should include reference to the ecological significance and functions of the site and its relationship to the larger citywide and countywide facilities and their functions, particularly with respect to watershed protection and riparian buffers.

II. Draft Master Plan

Based on the Program Statement, the design professionals will develop alternative site related diagrams representing a range of Master Plan Alternatives. The committee will select the concept that best accomplishes the Program Statement goals.

The draft Master Plan shall include the conceptual plan rendering, the Program Statement, other background information as appropriate, a written description of the intent of the Master Plan concept proposed, including the established elements of other previously adopted Master Plans, as well as recommendations for environmental stewardship of the park site and development of the park project.

The Master Plan Committee shall identify Priorities for phased development of the project, with consideration given to information on existing and anticipated funding. This information shall be approved by the Master Plan Committee and made available for public review and comment as provided in the following section.

III. Public Review of Draft Master Plan or Draft Master Plan Amendments

The Draft Master Plan or Draft Master Plan Amendments will be made available for public review and comment. The complete "draft" and the System Integration Plan will be displayed on the Parks and Recreation Department website, at the nearest community center to the park location, the administrative offices for the Parks and Recreation Department at Jaycee Park, or other suitable locations suggested by the Public Affairs Department. There will be comment cards available at those locations. This display should be available at least fourteen (14) days prior to the public meeting.

The public meeting will be held by the Master Plan Committee to receive comment on the Draft Master Plan prior to recommendation to the PRGAB. Public notification of this meeting shall be consistent with notification requirements in section V, "Project Notification." The PRGAB should be encouraged to attend this public meeting. Public comments shall be received for a period of at least two weeks after the public meeting. All comments received shall be summarized in a document and provided to the Master Plan Committee and Consultant, the PRGAB, and the City Council.

Concurrently, City administration interdepartmental review of the Draft Master Plan will take place. Comments provided through this review will be summarized in written form and provided to the Master Plan Committee, the Consultant, and the PRGAB, as well as the City Council.

IV. Recommended Master Plan

The Master Plan Committee shall review comments received and address them in the final proposed Master Plan or Amendment to be forwarded to the PRGAB for consideration. The proposed Master Plan or Amendment shall include the final conceptual plan rendering, program statement, other background information as appropriate, written description of the intent of the Master Plan concept proposed, and recommendations for phased development of the park project, as well as the established elements of other previously adopted master plans.

V. PRGAB Review of Proposed Master Plan

The PRGAB shall consider the proposed Master Plan or Amendment with supporting documents and report to City Council. The public will be given the opportunity to comment on the plan to the PRGAB at a meeting advertised as

prescribed in Section XI. Oral or written comments shall be accepted and transmitted with the proposed Master Plan to the City Council.

VI. City Council Review for Adoption

City Council shall receive the proposed Master plan report with recommendations and comments of the PRGAB for consideration. Final approval of any Master Plan or Master Plan Amendment lies with the City Council after they have completed their review. The City Council may choose to return the plan to the PRGAB for additional revision of key elements.

The Master Plan Committee shall stay in existence until dissolved by the City Council, and the membership will be encouraged to attend the presentation to the City Council.

General Description of the Park Development Process

For a visual representation of the park development process, please refer to the Park Development Process Flow Chart. The "Decisions" outlined below refer to the points at which a decision must be made in the process before continuing on to the next step.

I. Comprehensive Plan

The Park, Recreation and Open space element of the City of Raleigh Comprehensive Plan is the document that guides development of the city's park system. The City Comprehensive plan projects local and regional growth patterns and public infrastructure needs including parks, greenways and open space for conservation of natural resources and preservation of our environmental quality. The overall Comprehensive plan and its influence on these specific elements must be considered in the context of park planning in order to ensure that public needs are met in the decision-making processes. Future park needs are compared with an existing inventory of park facilities over a twenty to thirty year horizon. Capital improvement funding, acquisition of park properties, classification of new park lands acquired, and master planning of specific parks should each be guided by the recommendations of the Comprehensive Plan.

II. Capital Improvement Program

The Capital Improvement Program (CIP) is a multi-year budget for implementing the Comprehensive Plan. The CIP includes capital allocations for park development projects, including land acquisition, facility development and renovation, including both park bond projects and general fund projects. The City administration reviews and updates its recommendations for the CIP annually and forwards them to the PRGAB for review and comment. Then the Administration forwards its final CIP recommendations to City Council for review and adoption.

Decision 1:
Is the land owned by the City?
(If the City already owns the park land, then skip III and IV and proceed to Decision 2 below).

III. Land Acquisition

The City Administration conducts all land acquisition for the park system with direct supervision by the City Council. Land acquisition includes identification of potential park sites, negotiation of purchase agreements with landowners, and acquisitions. All acquisitions should be consistent with the goals and objectives established by the Comprehensive plan, and must include appropriate environmental investigations and a minimal site assessment prior to recommendation to the City Council.

IV. System Integration Plan

The objective of the System Integration Plan (SIP) is to develop a set of guidelines for the interim management of parkland prior to the initiation of a Master Plan, to document existing site conditions and constraints, to establish the park's classification consistent with the Comprehensive plan, and if applicable, any proposed special intent for the park. The SIP is not intended to restrict the Master Plan Process.

Public notification of the SIP process shall be given to the City Council, the PRGAB, the CACs, registered

groups, registered park support groups, and appropriate City appointed bodies.

Greenway parcels and open space parcels will generally not require a site-specific System Integration Plan as the purpose and management of greenways is generally defined by the Greenway Element of the Comprehensive plan and the restrictions included in the acquisition instruments. Special segments with unique ecological features or larger nodes in the greenway system may require an SIP and/or a Master Plan. The Master Plan in these cases may equate to a General Management Plan as used by the NC Division of Parks and Recreation or adopted City Parkland Greenway Management policies.

A. SIP Elements:

1. City Council Directed Purpose

Review and confirm any proposed purpose stated by the City Council for the development and use of the property. Utilize the baseline inventory to identify any potential conflicts with existing City policies or ordinances as well as applicable state and federal laws. Potential conflicts and proposed resolutions of these conflicts should be reported to the City Council for final approval.

2. Property Deed Restrictions

Review the deed or purchase agreement for any restrictions, limitations, or commitments to the intended development of the property.

3. Comprehensive Plan Correlation

The current Comprehensive Plan should provide initial direction regarding the classification of, purpose and development intent for the park acquisition. Correlation to the Comprehensive Plan recommendations should be confirmed in the City Council action to acquire the property.

4. Site Inventory

An initial evaluation of the property will be conducted to determine the range of features and qualities of the property to provide direction and guidance for the management and future development of the property. This evaluation and management plan will be enhanced by:

- Documentation of existing site conditions and constraints, the extent and character of natural and cultural resources, and any existing facilities.
- Tree, flora, and fauna inventories
- A general review of the site to determine potential stream and watercourse buffers, property buffers, and special features to be addressed in the SIP.
- A review of development regulations for additional requirements that should be addressed in the SIP.
- An inventory of historical data at the local and state levels to determine potentially significant features to be addressed in the SIP.
- An inventory of archeological data at the local and state levels to determine potentially significant features to be addressed in the SIP.

The tree, flora, fauna, ecological, historical and archeological inventories should be performed by staff or consultants specifically qualified to perform such inventories. These findings shall be presented to the PRGAB for review in their entirety along with attached staff comment.

At this stage, the PRGAB should consider referral to an appropriate PRGAB committee to serve as an SIP Advisory Committee to review the findings and assist staff with interim management policies.

Any unique findings will be used initially in management decisions for the property and then later shared with the citizen Master Plan Committee and consultant. Interim management decisions for the site should be resolved to best maintain the environmental quality and ecological function of the site.

B. Develop and Submit for Approval

Parks and Recreation Department staff shall develop the SIP, working with the SIP Advisory Committee where the

PRGAB has chosen to assign to the appropriate PRGAB committee. The draft SIP shall be posted on the City's website and other appropriate publication as suggested by the Public Affairs Department. The public shall be given reasonable opportunity to comment through email or other written communication as well as the formal presentation to the PRGAB. A sign (or more if the property fronts on multiple streets) shall be posted at the site fourteen (14) days prior to presentation to PRGAB. Adjoining property owners and CACs previously identified City appointed bodies, registered neighborhood groups, and registered park support groups will be notified of the plan fourteen (14) days before presentation to the PRGAB. The public shall be given an opportunity to comment in person at a regularly scheduled PRGAB meeting. The PRGAB shall submit the recommended SIP to the City Council for adoption after appropriate review. The SIP shall be established and adopted by City Council as soon as is practical after site acquisition.

Decision 2:
Is a master plan needed?

1. A new Master Plan is needed in the following situations:
    - Every park site should have a minimal baseline inventory showing property boundaries and riparian buffers and a Master Plan or General Management Plan
    - For acquired but undeveloped park property, a Master Plan derived through a public process is required before any development for public utilization

2. A Revised Master Plan is needed in the following situations:
    - When a Master Plan has been in place more than 15 years, the park has not been fully developed and additional facilities or renovations are planned. This may be minimal review by the PRGAB and staff if the plans are consistent with an existing Master Plan, but must be publicly advertised for comment
    - Proposed park improvements are not consistent with the existing adopted Master Plan
    - The Revised Master Plan Process will be the same as for a new Master Plan

3. The following thresholds will be considered when evaluating whether to initiate a new Master Plan, revised Master Plan or Master Plan Amendment:
    - An improvement with a monetary value greater than $350,000 or $500,000 over five years

4. A Master Plan Amendment is needed when a new specific use not included in the adopted Master Plan is to be considered for the park or a specific change for the park is proposed that does not significantly alter other uses of the park.

5. A Master Plan is not needed when:
    - There is facility development or maintenance that is consistent with an existing Master Plan
    - Greenway development. However, special segments with unique ecological features or larger nodes in the greenway system may require an SIP and/or a Master Plan. The Master Plan in these cases may equate to a General Management Plan as used by the NC Division of Parks and Recreation or adopted Park and Greenway Management Policies. A Master Plan Amendment to the Greenway Element may also be appropriate.

I. Design

Design is the first step in implementing a Master Plan. The design phase provides the detailed, technical development plans for components and/or phases of a park. The design process is directed by the City staff utilizing appropriate consultants and public comment based on the adopted Master Plan and reflecting the development regulations and codes that regulate the design and implementation of construction projects. Schematic design of components or phases of a park will be reviewed with the PRGAB and the public to provide the Parks and Recreation Department staff with feedback on the compatibility of the project with the adopted park Master Plan. The Master Plan Committee (those who are still local and/or reachable by normal means) shall be notified of the Design Phase and invited to

comment to the PRGAB during the public review. Additional direct community feedback on the project design plans will be solicited by the following methods: (1) For at least 14 days there will be a display/posting of plans on City's website and (2) at a nearby community center for at least 14 days in advance of the advertising of the bid process for public review and comment. Comments shall be forwarded to the PRGAB and the City Council prior to awarding of contracts.

I. Construction

Construction is the final step in implementing the Master Plan. City Administration directs the construction process. Public bid and contract laws and procedures regulate the process of construction bidding, contract award, execution and implementation of construction projects.

II. Post Occupancy Evaluation/Continuous Monitoring and Evaluation

After each major phase of development and construction, the park facilities and customer satisfaction with the facilities will be evaluated by the staff through user surveys. The objective of these evaluations is to identify improvements that the City can make to improve functioning of the park. The staff will prepare a report to the PRGAB and the planning consultant including information from public survey or comment. The PRGAB shall report to the City Council as they deem appropriate.

Adopted and Effective: April 25, 2003
Revised January 6, 2004

Appendix B

Contributors to Kyle Drive Property

System Integration Plan

RALEIGH Parks and Recreation
parks.raleighnc.gov

Contributing Staff and Agencies to the Forestville Road Property System Inegration Plan

City of Raleigh Parks and Recreation Staff:
Melissa Salter, Land Stewardship Coordinator
David Shouse, Senior Planner
Dick Bailey, Design/Development Administrator
Emily Ander, Planner 1
Andy Hayes, GIS Technician
Kelsey Obernuefemann, GIS Technician
Gretchen Sedaris, Gardener District #6
Tammy Reed, Parks and Recreation Crew Supervisor District #6
Sally Thigpen, Urban Forester
Sherry Graham, Tree Planting Coordinator

City of Raleigh staff:
Paul Kallam, City of Raleigh Transportation Engineer
Cesar Sanchez, City of Raleigh Public Utilities Project Engineer

Parks Committee, Parks, Recreation and Greenway Advisory Board

USDA Natural Resources Conservation Service

NC Wildlife Resources Commission

Progress Energy

APPENDIX B: SITUATION ASSESSMENT

DRAFT*

Kyle Drive Park Situation Assessment

SEPTEMBER 2023

*Contents subject to change

raleighnc.gov/parks

Raleigh Parks

Table of Contents

Introduction

A **Situation Assessment** is an analysis of the local context around a project, to help Raleigh Parks staff determine the best way to effectively engage the community in a collaborative process. Situation Assessments are used as an opportunity to identify key stakeholders and any issues or opportunities that are important to the community that will be affected by the planning process. Situation Assessments can be an opportunity to study the historical and cultural context of a particular project or community and to proactively identify and address any issues that may be contentious during the planning process.

The Situation Assessment also identifies the **Community Advisory Group (CAG)**, which is a membership-specific committee that provides oversight of the project planning process and ensures that decisions include a broad representation of the community and stakeholders impacted by the project. CAG members help facilitate information sharing between the community and planning staff.

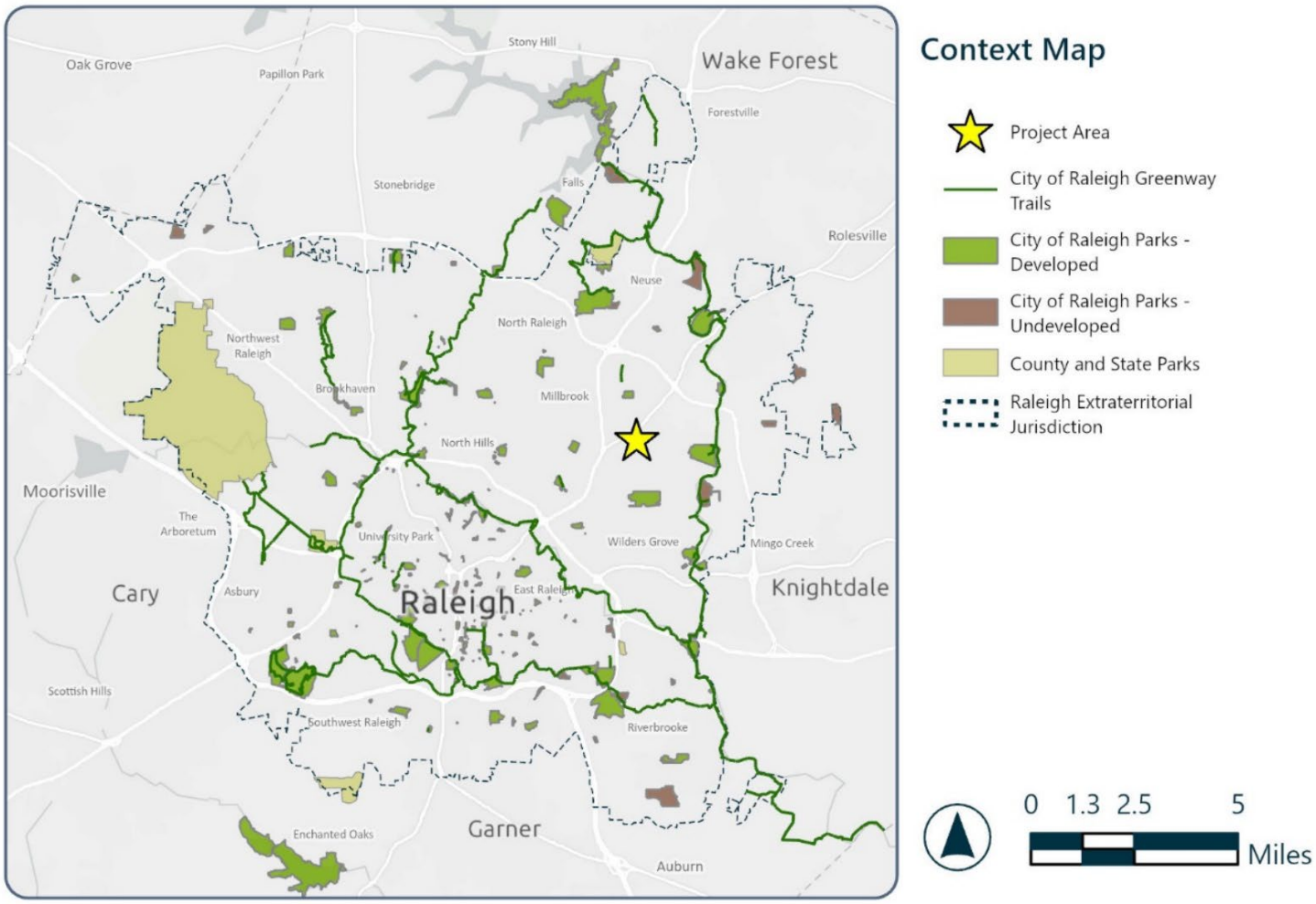
Project overview

The Kyle Drive Park property is a 27.25-acre site located at 4700 Kyle Drive, near the intersection of Louisburg Road (U.S. Highway 401) and Valley Stream Drive. This future park site is located immediately adjacent to the Beaverdam Greenway Corridor, as designated in the Capital Area Greenway Master Plan.

Kyle Drive Park is anticipated to be a neighborhood park, which would primarily cater to the needs of the nearby community. Amenities will be tailored to serve the local population.

Funding in the amount of $9 million has been allocated for community engagement, master plan development, design, and construction at Kyle Drive Park through the 2022 Parks Bond Referendum.

FIGURE 1: CONTEXT MAP



Planning Context

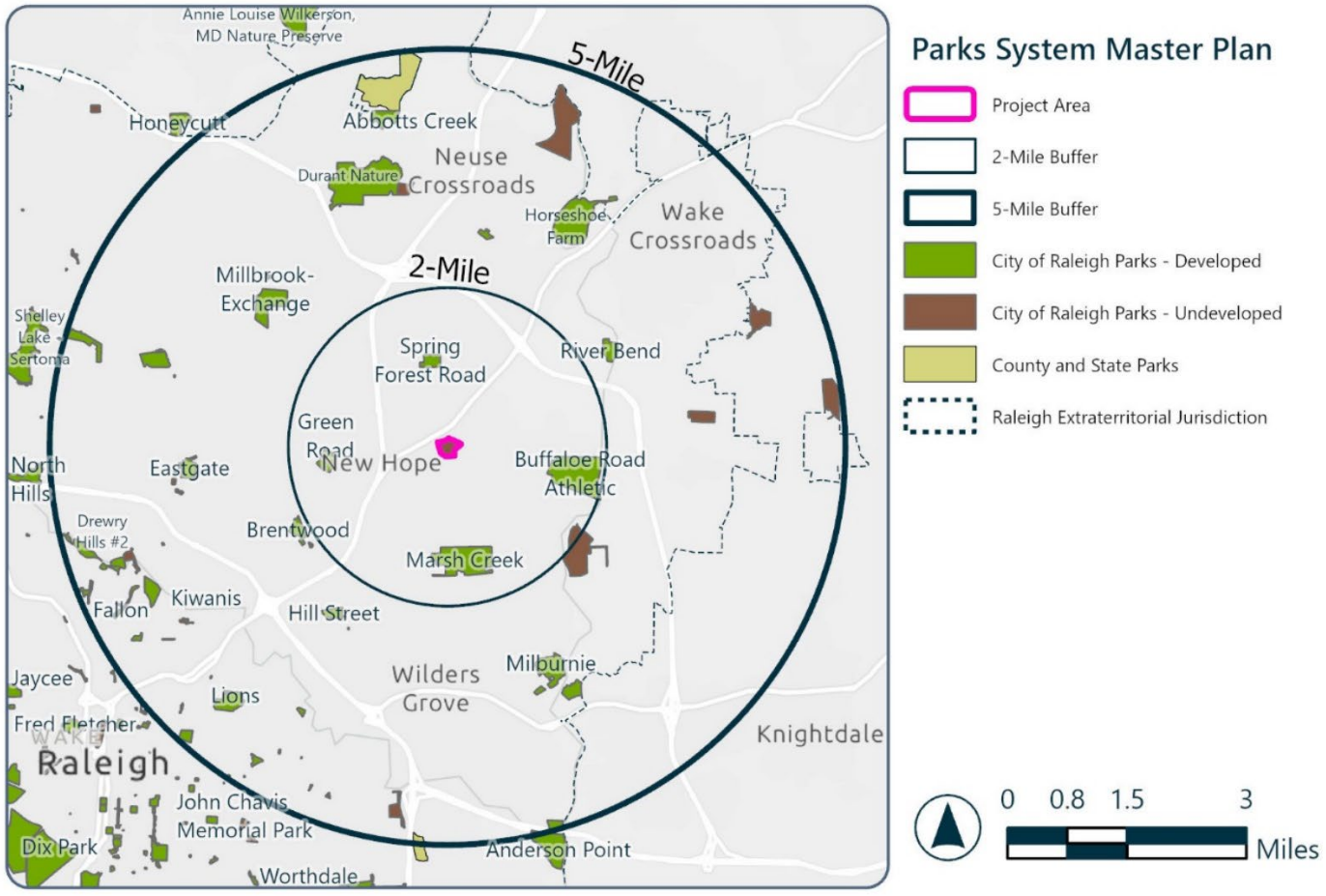
Park System Context

There are four developed parks within a 2-mile radius of the Kyle Drive Park property, including Spring Forest Road Park, Green Road Park, Marsh Creek Park, and Buffaloe Road Athletic Park. There are also several Raleigh parks and Wake County parks within the 5-mile buffer of Kyle Drive Park.

Spring Forest Road Park, acquired by Raleigh Parks in 1986, spans across a 22-acre site. Green Road Park is a 29-acre park that features a co-located Wake County Public Library and was acquired in 1985. Marsh Creek Park, acquired in 1973, encompasses a sprawling 110-acre site. Lastly, Buffaloe Road Athletic Park, acquired in 2003, expands over a vast 166-acre area.

It is recommended that during the Master Planning process of Kyle Drive Park, consideration is given to how this property could complement the system of parks already in this area.

FIGURE 2: PARK SYSTEM MASTER PLAN MAP



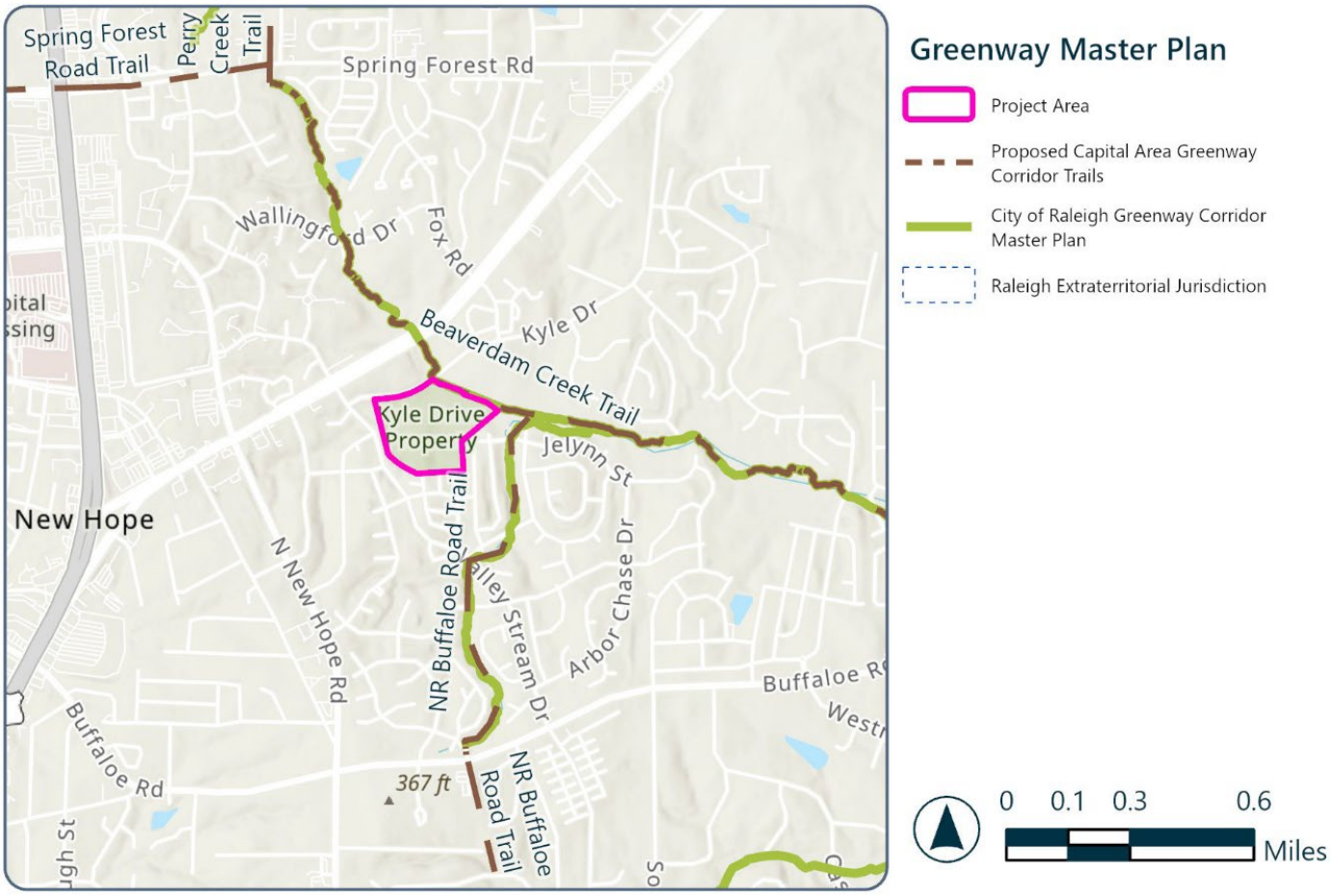
Greenway Master Plan

Kyle Drive Park is located immediately adjacent to the Beaverdam Greenway Corridor, as designated in the Capital Area Greenway Master Plan. This corridor will require a 75-foot waterbody buffer, measured from the top of bank of Beaverdam Creek, to be dedicated as greenway easement. As seen in Figure 7: Natural Resources Exhibit on Page 13, there is also a large wetland along this creek; therefore, the buffered area will likely be larger than what is required by the Capital Area Greenway Master Plan.

Per the Capital Area Greenway Master Plan, the Beaverdam Greenway includes a proposed Greenway Trail, which would connect Kyle Drive Park to Buffaloe Road Athletic Park and the Neuse River Greenway.

In order to minimize wetland impacts, it is recommended that greenway trail construction on this site is in the form of boardwalks or other elevated infrastructure.

FIGURE 3: GREENWAY MASTER PLAN MAP



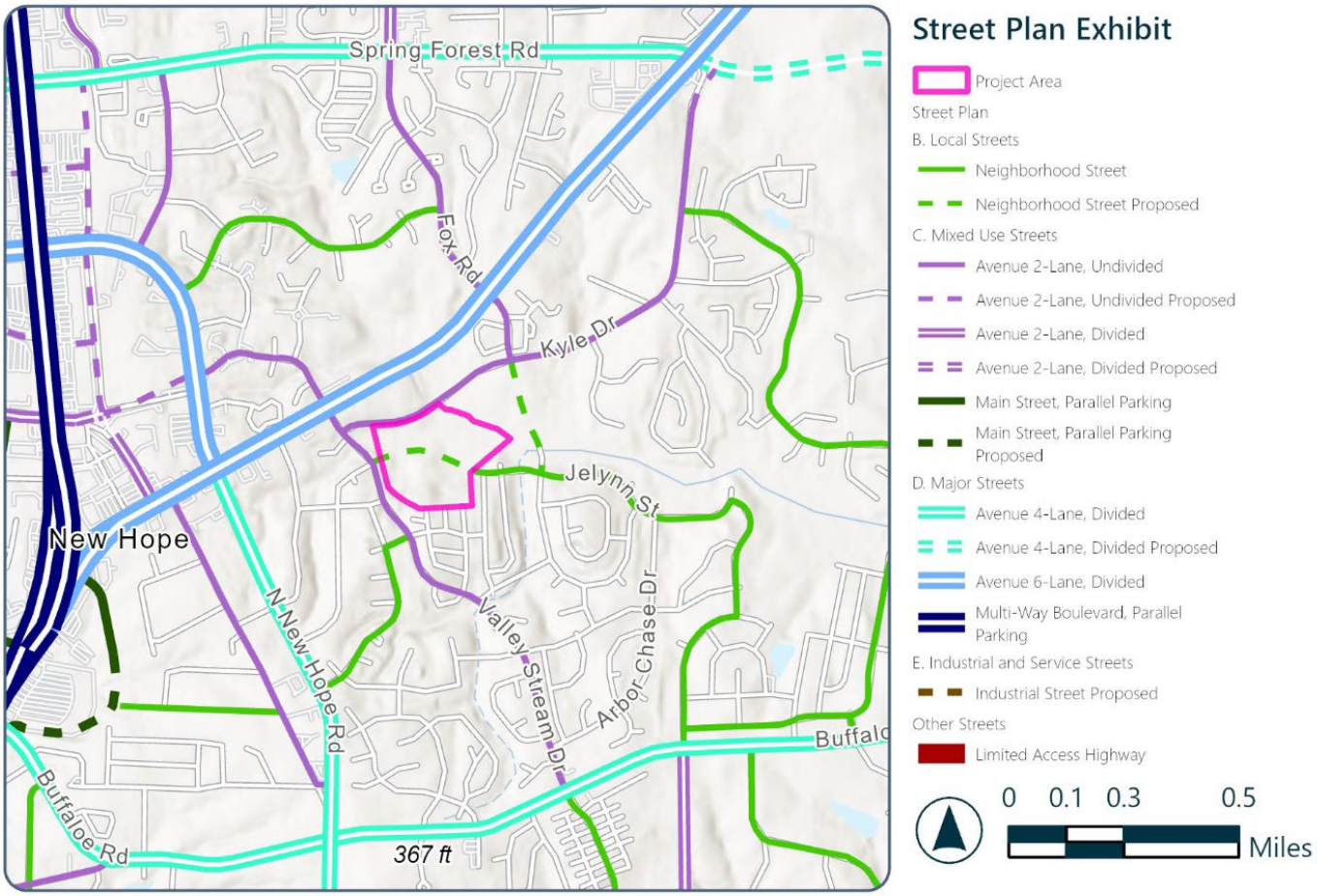
Raleigh Street Plan

Jelynn Street, located to the east of Kyle Drive Park, is identified in the City of Raleigh's Comprehensive Plan as a collector street. It has been built to a 36-foot street on 55 feet of right-of-way. The Comprehensive Plan calls for the extension of Jelynn Street through the Kyle Drive property to connect with Valley Stream Drive.

Isolating the wetland from the adjoining upland by installing a street through the Kyle Drive property would be extremely detrimental to wildlife at this site, especially considering the existing intense development surrounding the property.

The streams and wetland are significant features on this site and should be protected and enhanced for wildlife habitat, water quality, and programming and educational opportunities during future park development. Disturbance to these areas should be minimized, and a permanent buffer should be maintained.

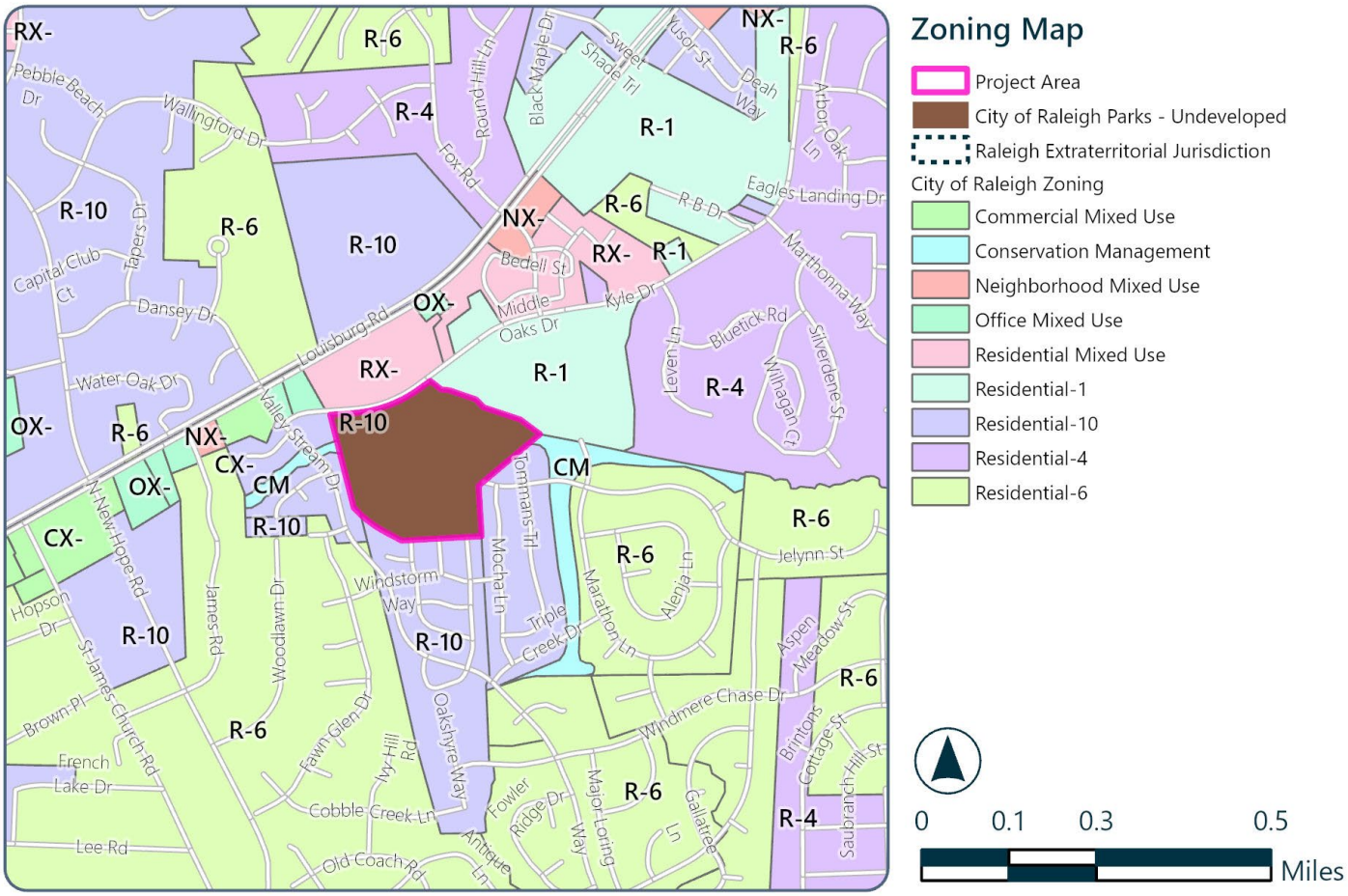
FIGURE 4: RALEIGH STREET PLAN



Current Zoning

The current zoning around Kyle Drive Park is primarily residential, including R-1, R-4, R-6, and R-10 zoning designations. The highest-density residential zoning nearby is R-10, which is located immediately adjacent to the south of the park property. The Louisburg Road corridor provides a variety of mixed-use zonings, including Office Mixed Use (OX), Commercial Mixed Use (CX), Neighborhood Mixed Use (NX), and Residential Mixed Use (RX). The Beaverdam Creek Greenway Corridor that traverses the Kyle Drive Park site is zoned Conservation Management (CM).

FIGURE 5: CURRENT ZONING



Capital Boulevard North Corridor Study

The Capital Boulevard North Corridor Study began in response to the continued growth in North Raleigh and beyond. The study is focused on the segment of Capital Boulevard that extends from I-440 north to I-540. This area has seen consistent annual increases in traffic. Capital Boulevard is also a major transit route for pedestrians. Census data shows a large percentage of residents in this area do not own a car. Like many other parts of the city, managing vehicle traffic is a major priority. This study looks to balance traffic management with the needs of pedestrians and transit riders.

There are several proposed bicycle and pedestrian improvements outlined in the Capital Boulevard North Corridor Study, including connections to the Kyle Drive Park property and the future Beaverdam Creek Greenway Corridor. Consideration of these connections should be included in the Master Planning Process, in order to improve access to Kyle Drive Park.

Park Experiences

The following tables provide information regarding which park experiences are currently provided by other parks in this area of the city, as well as which park experiences are *not* currently available to residents in the vicinity. This information can be used to guide the future master planning of Kyle Drive Park. Experiences included in the Kyle Drive Park Master Plan should be consistent with the vision and goals established for Kyle Drive Park and should serve the needs of the immediate community, while also complementing the facilities and amenities provided by other units of the park system in this area.

This data does not represent an exhaustive list of all potential park experiences. Raleigh Parks currently tracks 100 individual park experiences across Raleigh Parks' system-wide asset inventory. Many potential park experiences (for example, futsal, ropes course, etc.) are not necessarily tracked in the park experiences inventory at this time.

This analysis can be used as a starting point for considering which park experiences this particular area of the city may have a deficit of, but should not be considered prescriptive. Additional types of park experiences beyond those included on this list can and should be considered during the master plan process.

The table below provides a list of park experiences that are not currently provided by any City of Raleigh parks within a 5-minute drive radius of Kyle Drive Park. This list represents some of the potential experiences that are currently "missing" from the park and recreation opportunities provided in this area. The experiences in this list should be considered for inclusion in the master plan, as they would provide new, unique opportunities for residents in this vicinity.

TABLE 1: PARK EXPERIENCES NOT WITHIN A 5-MINUTE DRIVE OF KYLE DRIVE PARK

Arts Center	Boat Rentals
Environmental Education Center	Basketball - Indoor (Half Court)
Teen Center	Batting Cage
Concessions	Multipurpose Court
Computer Lab	Pickleball Court - Outdoor
Indoor Stage	Volleyball - Grass
Bocce	Amusement Train
Handball	Carousel
Table Tennis - Outdoor	Fitness Station/Equipment - Outdoor
Throwing Pit - Discus/ Shotput	Kiddie Boat Ride
Community Garden	Pedal Boats
Cistern	Playgrounds: Nature-Oriented
Constructed Wetland	Track - Non-Competitive/Lined
Museum	Walking Path

Table 2, on the following page, provides information on park experiences that are already provided within a 5-minute drive radius of this property. When planning for development of Kyle Drive Park, it may not be necessary to duplicate some of the facilities and amenities that are already provided within a 5-minute drive radius of this site.

Table 3, found in Appendix A on page 27, lists all park experiences currently provided within a larger 5-mile radius of this site. This information can be used to further inform the future master plan of Kyle Drive Park.

TABLE 2: PARK EXPERIENCES WITHIN A 5-MINUTE DRIVE OF KYLE DRIVE PARK

Experience	Park Providing the Experience
Comfort Station	Buffaloe Road Athletic, Green Road, Marsh Creek, Spring Forest Road
Grill	Green Road, Marsh Creek, Spring Forest Road
Outdoor Water Fountain - People	Buffaloe Road Athletic, Green Road, Marsh Creek, Spring Forest Road
Outdoor Water Fountain - Dogs	Buffaloe Road Athletic
Aquatic Center	Buffaloe Road Athletic
Swimming Pool - Indoor	Buffaloe Road Athletic
Community Center	Green Road, Marsh Creek
Computer Lab	Marsh Creek
Fitness Center/ Weight Room	Green Road, Marsh Creek
Pollinator/ Native Garden	Buffaloe Road Athletic, Green Road, Marsh Creek
Permeable Pavement	Spring Forest Road
River	Buffaloe Road Athletic
Pond	Marsh Creek
Wetland	Buffaloe Road Athletic, Marsh Creek
Creek	Buffaloe Road Athletic, Marsh Creek
Ballfields	Buffaloe Road Athletic, Green Road, Marsh Creek, Spring Forest Road
Basketball - Indoor (Full Court)	Green Road, Marsh Creek
Basketball - Outdoor (Full Court)	Green Road
Multipurpose Field	Buffaloe Road Athletic
Open Play Field	Green Road, Spring Forest Road
Tennis Courts	Green Road, Spring Forest Road
Volleyball - Indoor	Marsh Creek
Volleyball - Sand	Green Road
Dog Park	Buffaloe Road Athletic
Park Bench	Buffaloe Road Athletic, Green Road, Marsh Creek, Spring Forest Road
Picnic Table	Buffaloe Road Athletic, Green Road, Marsh Creek, Spring Forest Road
Picnic Shelter	Buffaloe Road Athletic, Green Road, Marsh Creek, Spring Forest Road
Playgrounds: 2-5	Marsh Creek
Playgrounds: 5-12	Buffaloe Road Athletic, Green Road, Marsh Creek, Spring Forest Road
Track - Non-Competitive/Lined	Spring Forest Road
Track - Competitive/Lined	Buffaloe Road Athletic
Trails - Paved	Buffaloe Road Athletic, Spring Forest Road
Trails - Natural Surface/Unpaved	Buffaloe Road Athletic
Trails - Loop	Buffaloe Road Athletic, Spring Forest Road
Inline Skating	Marsh Creek
Skate Park	Marsh Creek
Bleachers	Buffaloe Road Athletic, Green Road, Marsh Creek, Spring Forest Road

Site Analysis

There are utility easements located on both the west and east sides of the Kyle Drive property, and the park site is most easily accessed from these easements. A Progress Energy transmission line corridor runs the length of the site's western boundary. A City of Raleigh Sanitary Sewer Easement comprises the eastern boundary of the site.

The most dominant feature of the site is the wetland, located on the eastern portion of the property. The site appears to have been logged fairly recently. There are cut stumps, old slash piles, and vehicular access paths in the western portion of the property. The Kyle Drive property is comprised of a combination of Piedmont Dry-Mesic Pine Forest, Piedmont Swamp Forest, and Non-Tidal Freshwater Marsh. The site includes a diversity of plant communities, and the habitat types on this site include streams, riparian area, wetland, dry and mesic forest, and herbaceous easement areas, which are artificially maintained to control woody vegetation, thus providing open grassland areas.

FIGURE 6: AERIAL MAP VIEW

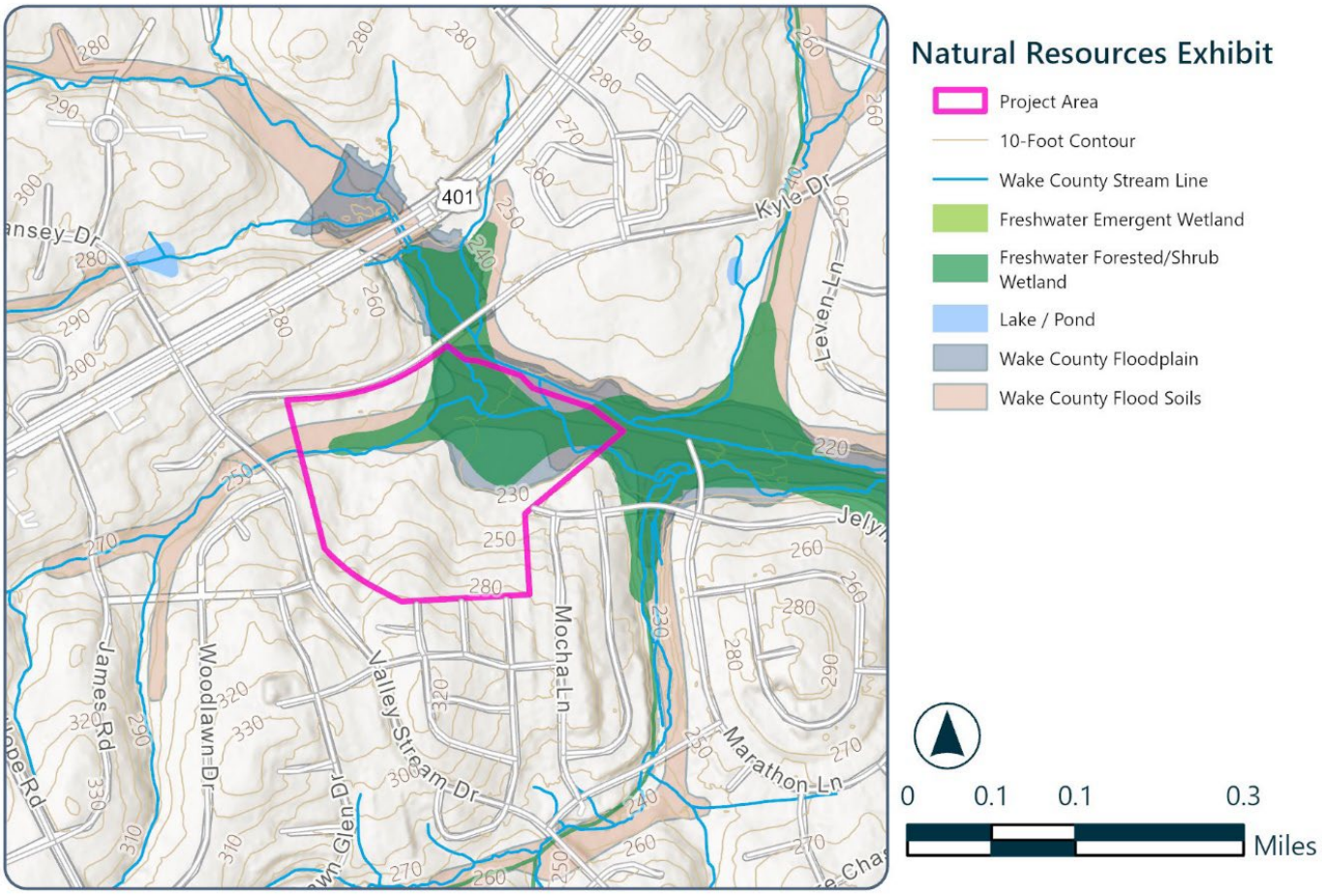
The wetland on the Kyle Drive property is a portion of a 57-acre wetland that stretches east of the property and is associated with Beaverdam Creek. The portion of the wetland on the Kyle Drive property is approximately 8.13 acres.

According to the Cowardin Wetland Classification System, the wetland is classified as PFO1A: palustrine, forested, broadleaved deciduous, temporarily flooded. The wetland appears to have been dominated by trees in the past; however, the hydrology, at least on the portion of the wetland on the Kyle Drive property, appears to have changed over time, evidenced by abundant snags in standing water. Currently, the site appears to be continuously inundated with shallow water. In the wetland's current condition, the site characteristics follow the *Non-Tidal Freshwater Marsh* wetland classification developed for the North Carolina Wetland Assessment Method (NC WAM). Non-tidal freshwater marshes are found throughout North Carolina in floodplains and along linear conveyances.

Surface water resources on the property consist of two perennial stream channels, which flow into the wetland on the eastern portion of the site.

The perennial stream entering the property from the west is an unnamed tributary, ranked as a third order stream. The stream channel is minimally braided and defined as it enters the property, and it becomes very braided and undefined where it joins the wetland on the central portion of the property. Beaverdam Creek is a large perennial stream which flows northward under Jelynn Street and then northwesterly to the Kyle Drive property.

FIGURE 7: NATURAL RESOURCES EXHIBIT



Further site analysis, including detailed natural resource inventorying, can be found in the System Integration Plan in Appendix C page 36.

Community Framework

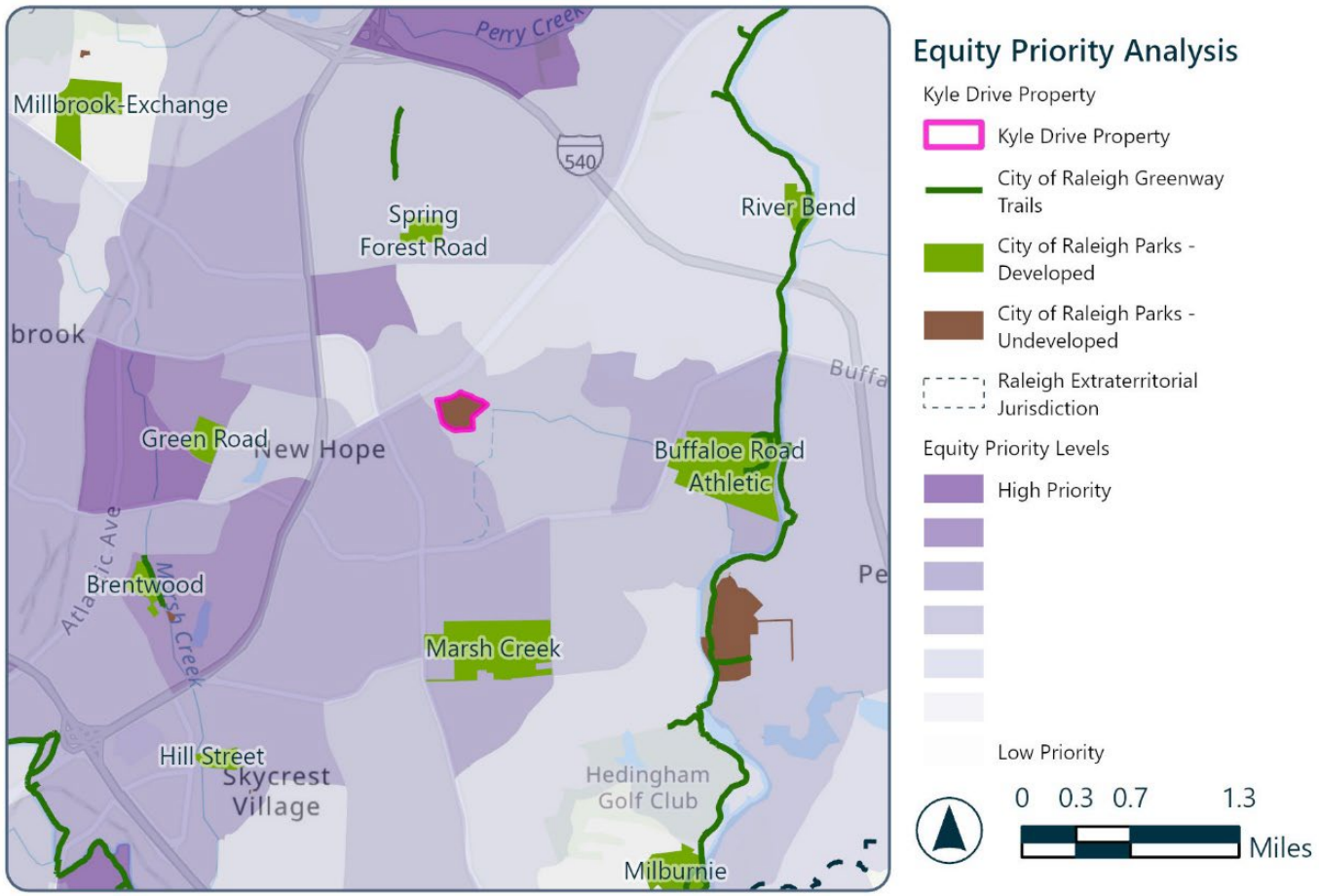
Equity Prioritization can be determined by analyzing five key indicators of community health and well-being, as defined by Wake County Human Services' Community Vulnerability Index:

- Unemployment: Population age 16 and over who are unemployed in the civilian labor force
- Low Educational Attainment: Population over age 25 who have less than a high school diploma
- Age Dependency: Population under the age of 18 and over the age of 64 combined
- Housing Vacancy: The total number of vacant or unoccupied housing units in a block group
- Poverty Rate: The population living below the federal poverty threshold in Wake County

Communities exhibiting a high concentration of these five demographic and socioeconomic indicators are more likely to experience negative health outcomes such as heart disease, obesity, chronic stress, and depression––outcomes which can be mitigated with better access to high-quality open spaces, outdoor recreation, and safe places to play and exercise.

Prioritizing investments in these communities helps ensure that Raleigh Parks sites, facilities, and programs are more accessible to the communities that will benefit most from these public resources.

FIGURE 8: EQUITY PRIORITY ANALYSIS



Demographic Analysis

A demographic analysis determines the best methods for engaging residents within the project outreach area and additional resources that may be required. By determining the diversity of a community, engagement staff can create participation methods that can engage different stakeholders productively and create a more inclusive engagement environment.

Demographic Profile Engagement Considerations

Race

If there is a notable presence of people of color and/ or immigrant groups, then consider the following:

- Are there any cultural, religious, political, or historical factors that may influence or serve as barriers to their engagement? (ex: appropriate meeting venues, meeting times/dates, perception of safety in government interactions, etc.). If possible, consider contacting community leaders to identify best methods to engage these groups.
- Is it possible that these groups could be disproportionately or adversely impacted by the final decision? If yes, consider conducting small group meetings with these groups to identify ways to avoid or mitigate potential negative or adverse impacts.

Poverty

If there is a notable presence of low income and/or zero car households, consider:

- Holding meetings at multiple times of day and on weekends to accommodate shift workers.
- Holding meetings in geographically accessible locations and/or providing transportation to/from meetings.
- Offering child care and refreshments.
- Ensuring that all online outreach uses mobile friendly platforms and do not require application downloads to view.

LEP

- According to N.C. Department of Transportation standards, if at least 50 adults of a Block Group's population within a language group speak English less than very well, then it is recommended that oral interpreters be provided at meetings and targeted media advertising be used to reach these individuals.
- Federal guidelines state that if a language group that speaks English less than very well exists within the outreach area that either has 1,000 adults or makes up 5% of the aggregate population (with at least 50 adults), then translated meeting and notification materials should be provided.

Disability

After reviewing disability status data, if there are residents with disabilities within the project outreach area, consider:

- Providing American Sign Language (ASL) interpreters at public meetings by participant request (see the access to language services and disability accommodations statement on p. 5).
- Following ADA accessible recommendations for print and visual materials.
- Providing phone-in lines or video conferencing sessions for public meetings.
- Providing staff to assist disabled participants.
- Holding meetings in accessible venues.
- Including a request for accommodations statement on all meeting notices.
- Following Web Content Accessibility Guidelines 2.0 (WCAG 2.0) for all online meeting content.

Age

If there is a notable presence of senior residents, consider:

- Limiting the use of online or social media outreach and instead use direct mailers.
- Following ADA accessible recommendations for print and visual materials.

If there is a notable presence of youth, consider:

- Incorporating methods to obtain their input through essays, poster contests, video submissions, or interactive visioning exercises during public meetings.

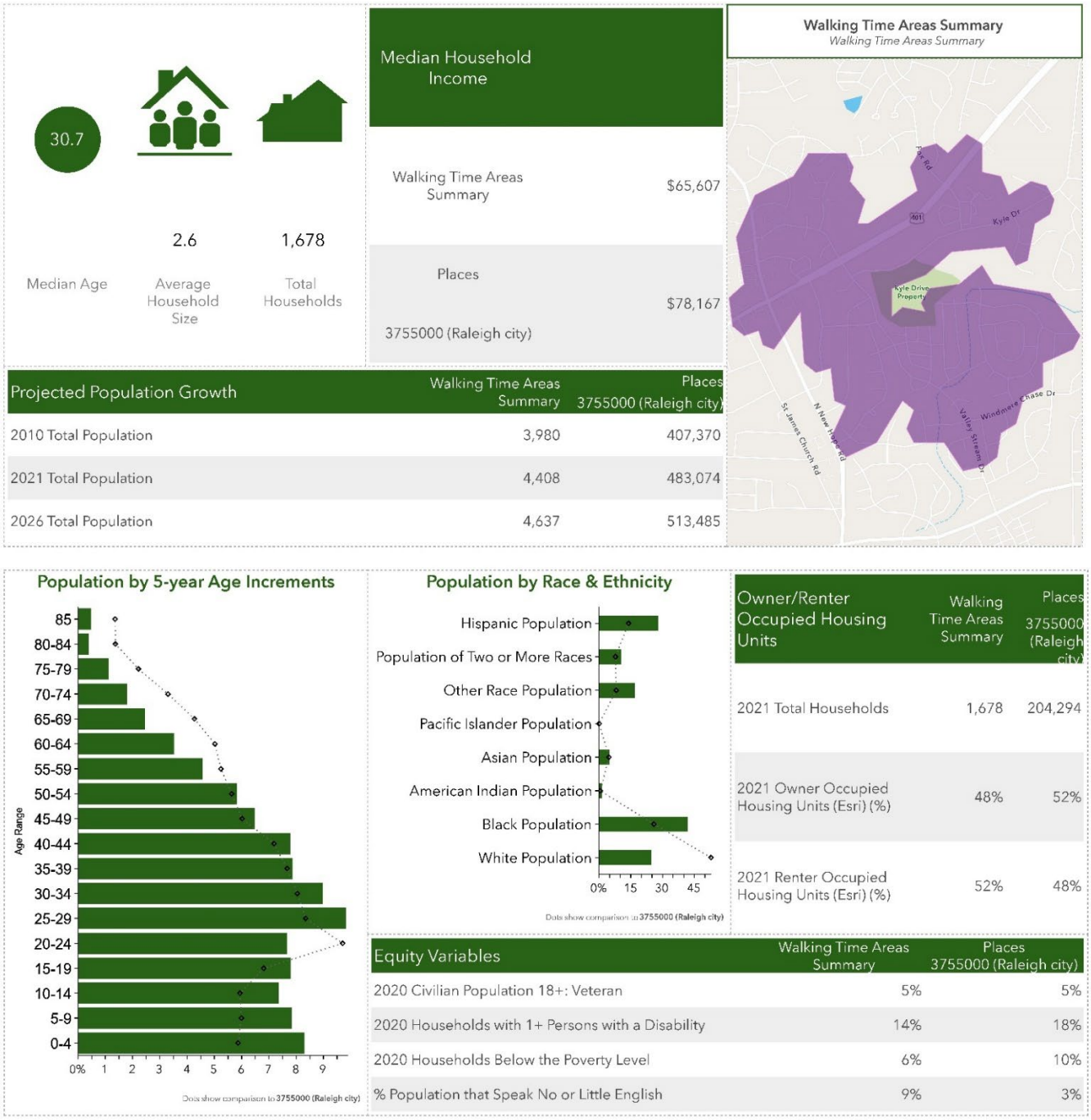
Housing

If there are renters living in the project outreach area, consider:

- Ensuring that all mailed notices are sent to the property owner AND physical address.
- Asking apartment property managers to distribute notices using their communication channels and/or to host popup events to allow the project team to engage residents.

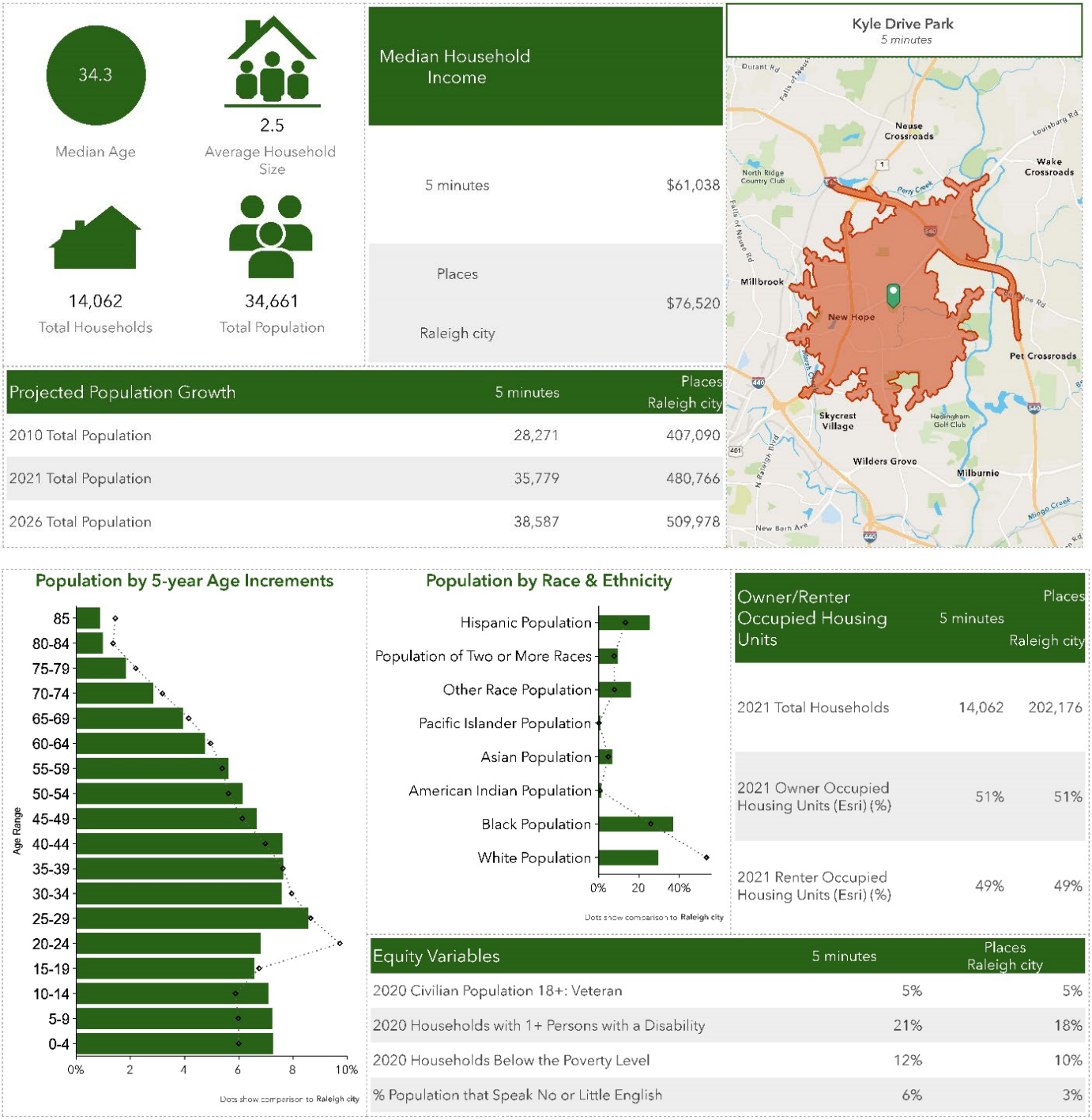
There are 4,408 people living within a ten-minute walk of the Kyle Drive Park property. This population has a lower median household income than the average of the City of Raleigh. This area has a larger Black population, Hispanic population, and 'Other Race' population than the averages of the City of Raleigh. This area has significantly more 0-20 year-olds and 25-35 year-olds than the average in the City of Raleigh and has significantly less 20-25 year-olds and >55 year-olds than the average. Within this population, 48% of people own their home (as opposed to renting), 14% of households have at least one person with a disability, 6% of households are below the poverty level, and 9% speak limited to no English.

FIGURE 9: TEN-MINUTE WALK DEMOGRAPHIC ANALYSIS



There are 35,779 people living within a five-minute drive of the Kyle Drive Park property. This population has a lower median household income than the average of the City of Raleigh. This area has a larger Black population and Hispanic population than the average in the City of Raleigh. This area has significantly more 0-15 year-olds than the average in the City of Raleigh and significantly less 20-25 year-olds than the average. Within this population, 51% of people own their home (as opposed to renting), 21% of households have at least one person with a disability, 12% of households are below the poverty level, and 6% speak limited to no English.

FIGURE 10: FIVE-MINUTE DRIVE DEMOGRAPHIC ANALYSIS



Community Summary

As part of the Community Advisory Group Interest Form, applicants were asked to describe their community. This section of the Situation Assessment summarizes these answers, while all applications are available in Appendix C on page 36.

- "Everyone was very friendly and seemed eager to meet more of their neighbors through future events."
- "Various cultures, small children through seniors, mix of renters and owners"
- "I see younger families with children moving in, in the future."
- "We live in a very mixed socio demographic neighborhood, with about 50/50 split of home owners and renters, and a wealth of racial and cultural diversity."
- "Tight knit, supportive, and family oriented."
- "It is incredibly diverse and as someone who is latina/hispanic married to a black man, having a neighborhood we felt comfortable and safe raising our family in was very important to us... The kids in our neighborhood are always out riding bikes, on scooters, or walking. Lot's of pet owners."
- "I love the Stowecroft neighborhood for it's cultural diversity. I hope that it only continues to become even more diverse."
- "We have many families in our community and most of them enjoy being outdoors. We have a community pool with a very engaged swim team, a small playground and a small catch & release pond with walking path around the pond. Many members of the Winchester neighborhood use our amenities frequently and enjoy being outdoors"
- "We are always an evolving population. As our community grows, so does our interests and our need to stay connected to community. I would wish to see a park evolve as a place for the some of our newest and fast-growing activities, such pickleball and skating, while maintaining the calm and reflective space to enjoy the natural areas. It might also be a space to increase our community love of arts in some way."

Community Engagement

Community engagement fulfills the City's commitment to Raleigh residents by defining goals, identifying the needs of communities, and determining key audiences. It creates an opportunity for City staff to ensure that the decisions made reflect the needs of residents and provides a platform for residents to guide decisions.

Public participation can lead to well-informed decisions by allowing decision-makers have complete information – in the form of community knowledge, values, and perspectives, obtained from the public – that can be applied to the decision-making process. Decisions that incorporate the perspectives and expertise of all stakeholders are more achievable and sustainable because they consider the needs and interests of all participants, including vulnerable, marginalized, and/or underserved populations. In addition, public participation helps participants better understand project impacts to their community and creates opportunities for participants to become invested in the project outcomes.

Level of Participation

Planning for the public participation process is a crucial step in ensuring that engagement efforts are effective. Defining the goals and objectives for the public participation process provides clarity about the engagement process. It is necessary to identify the role of the public and the level of its participation in the decision-making process, to determine what type of public engagement is needed to reach decisions.

The **International Association for Public Participation (IAP2)** Spectrum was designed to assist with the selection of the level of participation that defines the public's role and the public participation goal that will drive the engagement process. Each level of public participation and the accompanying goal on the spectrum suggests that a commitment is being made to the public and that the agency promises to take the identified action that will achieve the goal of the level selected.

FIGURE 11: IAP2 SPECTRUM

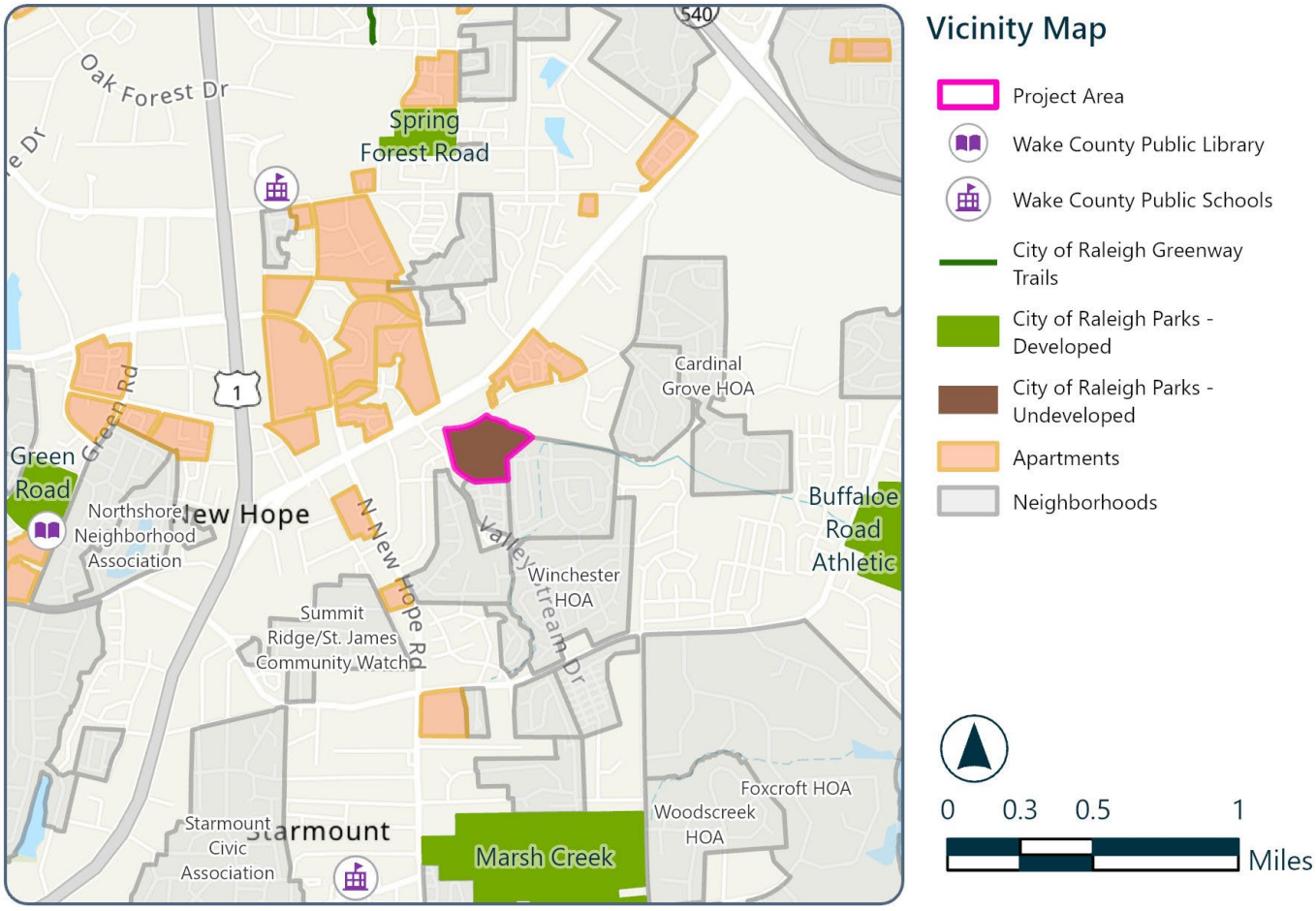
This project will be using the Collaborate level of participation. This emphasizes the partnership between community members and the City of Raleigh, wherein a level of decision-making control is delegated to the community involved.

City staff will partner with community members in each aspect of the decision, including the development of alternatives and the identification of the preferred solution. The promise to the public is, “We will look to the community for advice and innovation in formulating solutions and will incorporate the advice and recommendations into the decisions, to the maximum extent possible”. The Collaborate level of participation recommends utilization of a Community Advisory Group (CAG), a group that works in partnership with city staff and professional consultants to ensure that the park design and elements meet the specific needs and preferences of the community.

Community Stakeholders

Community stakeholders identified for this project encompass a range of groups, including Homeowner's Associations (HOAs), apartment communities, nearby churches, Citizen Advisory Councils (CACs), Wake County Public Libraries, and Wake County Public Schools. These stakeholders were initially identified through GIS analysis, as seen in Figure 12, provided below. Additionally, a significant amount of additional stakeholders/stakeholder groups were identified via the Community Advisory Group Questionnaire. In this questionnaire, participants were invited to suggest other key individuals or organizations to be included in the engagement process, further expanding the breadth of identified stakeholders.

FIGURE 12: VICINITY MAP & REGISTERED NEIGHBORHOODS



The identification of potential stakeholders is an important step in ensuring outreach and engagement efforts are effective, representative, and equitable. Stakeholders are typically individuals, groups, or communities who have a vested interest in, or are affected by, the outcome of a project or decision.

The following groups were identified as community stakeholders and were explicitly invited to participate in the Community Advisory Group. Engagement with these groups will continue throughout the master planning process, regardless of membership on the Community Advisory Group.

TABLE 4: COMMUNITY STAKEHOLDERS

HOAs	Apartments	Other Nearby Groups
Ansleigh	Regency Park Apartments	WCPSS: East Millbrook Middle School & Wilburn Elementary
Brookstone & Cardinal Grove	Wynslow Park Apartments	CACs: North & Atlantic
Charleston Park	Magnolia Grove Apartments	4-H Club
Cobblestone II	The Oaks Apartments	Nearby Developer Halle Companies
Foxcroft	The Domain Apartments	Raleigh North Christian Center
Ivy Hill	Honey Tree Apartments	St. Matthew Baptist Church
Jasmine Ridge	Vivo Living Apartments	Wake County Public Library
North Farms Community Watch	Lexington on the Green Apartment Homes	
Lincoln Villas	Groves Apartments	
Northshore		
Peyton Hall		
Shamrock Meadow		
Spring Pines		
Summit Ridge/St. James		
Top of the Pines Court		
Valley Stream of Raleigh		
Winchester		
Winward Downs		

Communication Strategies

Community engagement requires a variety of strategies to effectively reach stakeholders, engage key individuals, and encourage participation. Successful communication strategies consider the diversity of the audiences involved. To ensure that messages are received by and resonate with all community members, it is important to use multiple communication tools and channels.

Communication strategies that have been employed thus far, to promote the Master Planning process and CAG membership, include:

Digital:

- Project websites at raleighnc.gov and publicinput.com
- Social Media announcements
- Raleigh Parks weekly digital newsletter
- Mass email outreach to residents of 27616 zip code (based on previous participation on publicinput.com)
- Email outreach to identified community stakeholders

Print:

- Signs at the park site and adjacent street intersections (in English and Spanish)
- Posters at nearby parks, including Marsh Creek Park and Green Road Park (in English and Spanish)
- Posters at Green Road Community Library, a Wake County Public Library (in English and Spanish)

Planned future communication strategies include:

- CAG working meetings
- Public Workshops and Open Houses (offered virtually and in-person)
- Pop-up information tables at community events
- Online surveys
- Mailer notifications for nearby residents
- Community Connectors program

Identified Stakeholder Concerns & Suggestions

Below is a summary of concerns and suggestions that staff have received about the Kyle Drive Park. Quotes below are pulled from CAG applications. Full CAG applications can be found in Appendix C on page 36.

Concerns

- "I have safety concerns that need to be addressed with this location and traffics where this park will be located."
- "There will be concerns about the impact on vehicle traffic flow and foot traffic- these are already concerns of the community."

Suggestions

- "Support local artists, plant nurseries, and businesses while investing in the development."
- "Excited to see this project take off and provide a natural recreational escape for residents."
- "A runners trail would be nice to have. Along with structures for health fanatics- bars for pullups and abdominal workouts"
- "All I'm wishing for is another shaded walking trail! An updated, shaded playground would be nice as well."
- "I would suggest that we look at parks with fresh eyes, so we are not doing the same thing at every park. There is a need to have activities for young and old--more things for our seniors. With ever growing food trucks, it might be nice to have a food truck rodeo or like event at the park, maybe for the opening of the park. We need more events that feature heritages and international engagement."

Community Advisory Group

One of the initial tasks of the Master Planning process is the identification and recommendation of interested community members for the Community Advisory Group (CAG). Using the data collected from CAG interest forms, recommendations from other stakeholders, and research and demographic analysis, a list was compiled of potential members.

Criteria for selection to the CAG included residency in the service area of the park, a willingness to commit the time to attend meetings, an interest in the park and its uses, and embodiment of diverse demographics and lived experiences.

Selection Process

The Community Advisory Group Interest Form was open from May 26, 2023 through July 31, 2023. Individuals who were considered for membership were also asked to complete a short follow-up questionnaire. The interest form can be found on page 30, and the follow-up questionnaire can be found on page 32, both in in Appendix B.

Final selection of the Community Advisory Group will be made by the Parks, Recreation and Greenway Advisory Board.

Recommended Membership

The following individuals are recommended for the Kyle Drive Park Master Plan Community Advisory Group.

TABLE 5: COMMUNITY ADVISORY GROUP RECOMMENDATION

#	Name	Group Represented
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Demographic Breakdown

This page will contain the demographic composition of the Community Advisory Group once finalized by the Parks, Recreation and Greenway Advisory Board.

Raleigh Parks believes the diversity of the CAG should adequately represent the Raleigh community, and the following demographics have been requested from applicants on the CAG interest form:

- Age
- Race
- Ethnicity
- Gender Identity
- Level of Education
- Housing Tenure

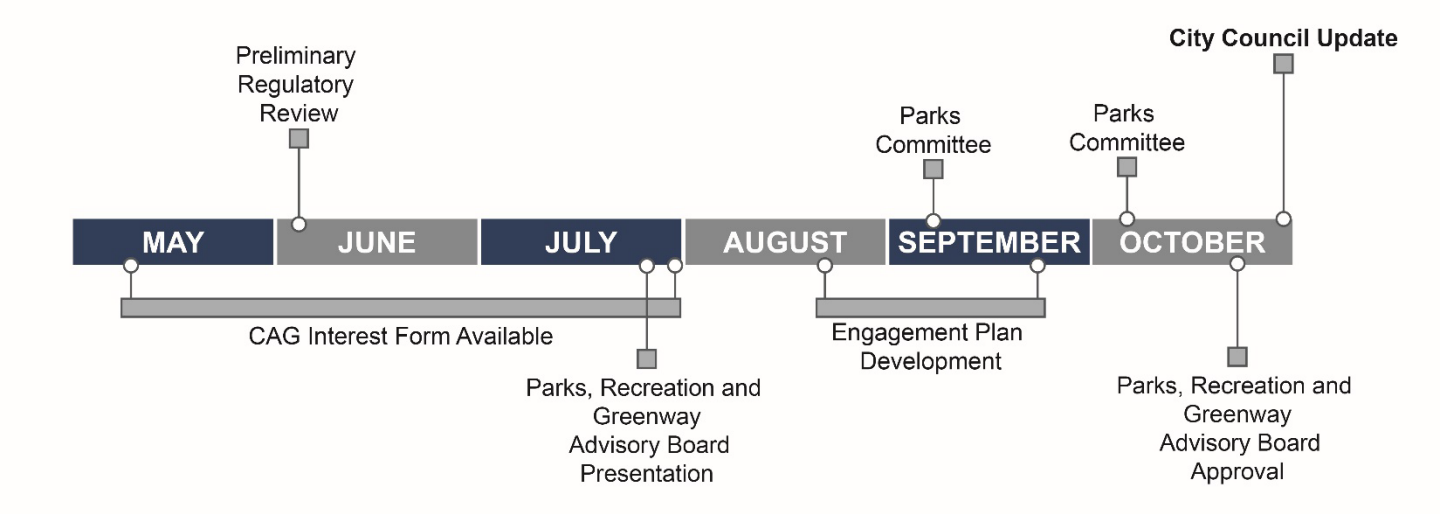
The CAG selection process will prioritize the formation of a CAG that demographically reflects the 5-minute drive service area of the park.

For more information, Appendix B on page 30 includes the entire CAG interest form.

Next Steps

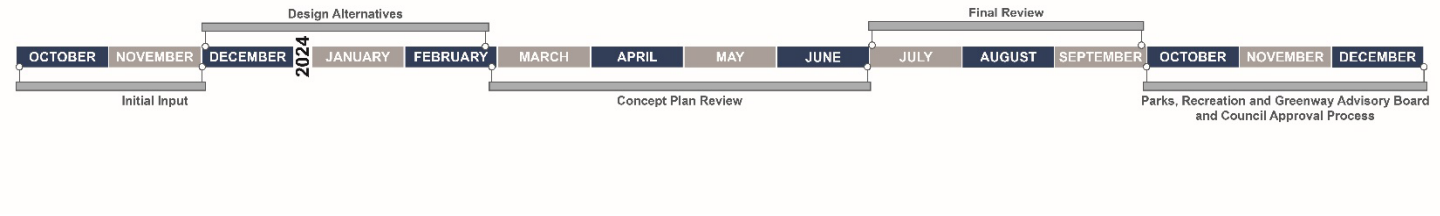
Raleigh Parks will be presenting the draft Situation Assessment to the Parks, Recreation and Greenway Advisory Board (PRGAB) in July 2023. Raleigh Parks will present the final Situation Assessment to PRGAB in October 2023. Also at the October 2023 meeting, PRGAB will make the final selection for the Community Advisory Group.

FIGURE 13: SITUATION ASSESSMENT TIMELINE



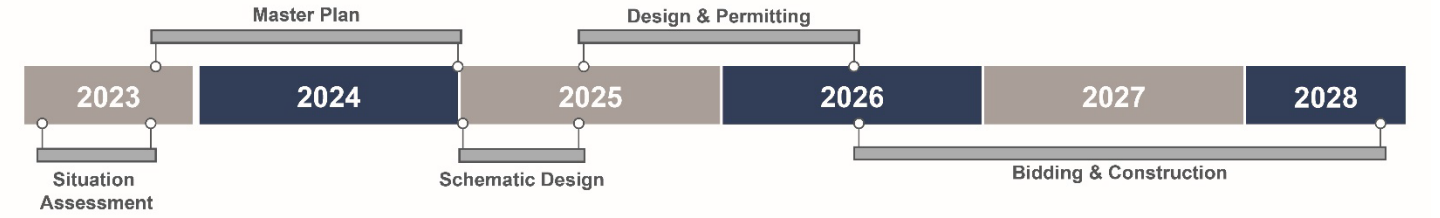
The Master Planning process will officially commence in October 2023. This process will involve gathering the community's feedback during public meetings, online surveys, and a variety of other forums, in order to produce a Master Plan for Kyle Drive Park that both the community and the City of Raleigh can embrace.

FIGURE 14: MASTER PLAN TIMELINE



Following the master planning process, the project will move into schematic design, which will show phase one implementation at 30% design completion. This schematic design will be reviewed and (tentatively) recommended by the Parks, Recreation and Greenway Advisory Board to City Council for their approval. The project is then planned to move into construction document design, permitting, bidding, and construction.

FIGURE 15: OVERALL PROJECT TIMELINE



APPENDIX C: CAG CHARTER

Community Advisory Group Charter

1. BACKGROUND AND PROJECT DESCRIPTION

The Kyle Drive Park property is a 27.25-acre site located at 4700 Kyle Drive, near the intersection of Louisburg Road (U.S. Highway 401) and Valley Stream Drive. This future park site is located immediately adjacent to the Beaverdam Greenway Corridor, as designated in the Capital Area Greenway Master Plan. Kyle Drive Park is anticipated to be a neighborhood park, which would primarily cater to the needs of the nearby community. Amenities will be tailored to serve the local population.

Funding in the amount of $9 million has been allocated for community engagement, master plan development, design, and construction at Kyle Drive Park through the 2022 Parks Bond Referendum.

2. PURPOSE

The purpose of the Community Advisory Group (CAG) is to provide recommendations to the Raleigh Parks, Recreation and Greenways Advisory Board (PRGAB) for a total park design that will best meet the needs of the community that the park is intended to serve.

There are **four major goals** of the consensus process:

1) to provide CAG members with a process of discovery, information sharing, and education;

2) to provide CAG members with a direct role in developing, reviewing, and discussing the program and elements necessary to support the Draft Master Plan;

3) to provide CAG members with a direct role in shaping agreements that resolve the issues and balance the interests relative to the development of Kyle Drive Park and

4) to take measures to inform the public and those ultimately responsible for approving the Final Plan about the topics being addressed in the process.

3. FINAL PRODUCTS

The CAG will develop a Master Plan report containing four components: (1) a Vision Statement, (2) a Draft Master Plan, (3) Priorities for Phased Development, and (4) a Draft Master Plan.

A. A ***Vision Statement*** describes the overall vision for the park, including uses, sensitivity to natural elements, identity, history, and other characteristics as appropriate. The Vision Statement will be consistent with the System Integration Plan/Pre-Development Assessment Plan and the Raleigh Parks System Plan. The Vision Statement will include reference to the ecological significance and functions of the site and its relationship to the larger citywide and countywide facilities and their functions.

   Based on the Vision Statement, the design professionals will develop alternative site-related diagrams representing a range of Plan Alternatives. The committee will select the concept that best accomplishes the Vision Statement goals, including having the opportunity to develop the alternatives presented or propose their own.

B. The ***Draft Concept Plan*** shall include the conceptual plan rendering, the Vision Statement, other background information as appropriate, a written description of the intent of the Plan concept proposed, including the established elements of other previously adopted Plans, as well as recommendations for environmental stewardship of the park site and development of the park project.

C. If necessary, the CAG shall identify ***Priorities*** for phased development of the project, with consideration given to information on existing and anticipated funding.

D. The Vision Statement, Draft Plan, and Phasing Priorities will be made available for public review and comment. The CAG will address comments received and develop a ***Draft Master Plan***. The Draft Master Plan will include the final conceptual plan rendering, Vision Statement, other background information as appropriate, written description of the intent of the Plan concept proposed, and recommendations for phased development of the park project, as well as the established elements of other previously adopted master plans. The Draft Master Plan will be forwarded to the PRGAB for their consideration.

4. AUTHORITY OF THE CAG

The Community Advisory Group reports its recommendations to the PRGAB. Plans, Vision Statements and Priorities generated by the CAG may be accepted in whole or in part at the discretion of the PRGAB. In either case, the intact Draft Master Plan from the CAG will be forwarded to City Council along with specific recommendations from the PRGAB.

5. CAG MEMBER'S REPRESENTATION AND RESPONSIBILITIES

A. Representation

The CAG will be representative of persons with interests in the park and appropriate uses. Demographics of the area including age, race, ethnicity, gender identity, educational background, professional/personal experience, and other relevant qualifications related to the characteristics of the park involved will help determine representation of the committee.

Certain stakeholder groups are represented by a CAG Member, but the community engagement process will strive to include all interested parties. CAG Members will be expected to represent the interests of

1. themselves,
2. organizations that have authorized the CAG Member to represent them, or
3. groups of constituents from a similar interest group or community (such as nearby HOAs or other organizations with a similar mission).

B. Responsibilities

Deliberating in Good Faith

- CAG Members will share information with constituents and share their interests with other CAG Members
- The primary responsibility of a CAG Member is to balance all interests and participate collaboratively in the development of the Draft Master Plan
- CAG Members will endeavor in good faith to develop a consensus Draft Master Plan that is satisfactory to all CAG Members
- CAG Members will ensure an integrated approach is taken in drafting the Draft Master Plan by meeting together as needed to assure strong communication and collaboration between all the CAG Members

Representing Constituents

- In developing a Draft Master Plan, CAG Members will consider the interests of all community members as well as their own particular interest group when reviewing issues and recommendations
- CAG Members will invite proposals from their constituents to present to the CAG and will provide proposals from the CAG to their constituents for feedback and input
- CAG Members will agree early in the process how non-members will present information, and when and for how long non-members may address the CAG.

Attending Meetings

- Each CAG Member is expected to attend and fully participate in each CAG meeting. CAG Members shall read appropriate materials and arrive prepared to work.
- Meeting materials and agendas will be provided in advance of meetings.
- In the event that a CAG Member is unable to attend a meeting, then the CAG member must either submit their comments beforehand or designate a proxy to deliver their vote. A quorum is not required for decision-making.
- A reasonable amount of time will be devoted to old business at meetings. E-mail may be used to expedite this process.

C. Appointment, Withdrawal and Replacement

Voluntary Withdrawal and Replacement Appointments:

- If a CAG Member can no longer fully participate in the process, they may withdraw from the CAG. The CAG will determine if the withdrawn member's interests can be represented by the remaining members.
- If not, then the CAG and the Parks Committee may suggest & appoint a replacement from a similar organization, interest group or neighborhood.

New Member Appointments:

- A strong effort was made during the forming of the CAG to encourage participation by representatives from all the various interests in the study area. While it is certainly the CAG's desire to be inclusive and sensitive to the many various interests, the CAG recognizes the need to remain focused and moving ahead if the CAG's goal (i.e. a set of consensus recommendations) is to be achieved.
- When evaluating potential new members, the CAG will first ensure that the interests that the potential new member would represent cannot reasonably be covered by an existing CAG Member.
- If the CAG decides there is in fact a need to have additional interests represented, then the CAG will identify potential candidates and recommend them to Parks Committee.
- The Parks Committee will make final decisions about adding additional members to the CAG.

6. PUBLIC INPUT

The CAG is intended to be representative of the public through the CAG members' own organizations or affiliations, as well as through their work with other groups. All CAG meetings are open to observation by the public. A public comment period(s) of set duration (near the beginning, at the end or both) will be provided at each meeting.

Members of the public who attend meetings will be asked to abide by the following ground rules:

1. Only one person will speak at a time and no one will interrupt when another person is speaking.
2. No personal attacks or issue statements blaming others for specific actions or outcomes.
3. Avoid grandstanding (extended comments and questions) in order to allow everyone a fair chance to speak and to contribute. If necessary, the facilitator will designate & enforce a time limit for individual public comment.

If the above rules of decorum are violated, the facilitator has the right to remove the offending party.

7. RESPONSIBILITIES OF THE FACILITATOR (WITHERS RAVANEL)

The roles and responsibilities of the Facilitators include:

- Facilitating meetings in a manner consistent with interest-based negotiations and this charter;
- Handling meeting logistics;
- Keeping meeting attendance records of all CAG Members;
- Helping the CAG stay on task and on process;
- Protecting participants (CAG Members and the public) and their ideas from attack, while ensuring that provocative issues are not avoided, but are discussed in a candid and respectful manner;
- Helping CAG Members to concisely describe their interests;
- Helping CAG Members find innovative and workable solutions;
- Helping CAG Members reach agreement;
- Providing for equitable participation by all CAG Members;
- Working, both at and between meetings, with CAG Members to assist in the free exchange of ideas between the Members and to resolve any impasses that may arise;
- Periodically surveying a sampling of CAG Members to assess fairness, meaningfulness, and efficiency of the process;
- Maintaining a list of significant topics on which the CAG have reached consensus or have failed to reach consensus;
- Acting as contact point and spokesperson for the stakeholder process and its progress (except when otherwise agreed to by the CAG) for the public and the media. In conjunction with departmental staff's outreach and media efforts, the facilitator will help keep the public informed about the progress of project.

8. MEETING SUMMARIES AND AGENDAS

A. Meeting Summaries

The Facilitator will develop meeting summaries within 14 days following the CAG meetings and will notify CAG Members of their availability. E-mail will be the primary form of information dispersal and correspondence within the CAG with the option of having material mailed or delivered to those who do not have email or web access. Summaries shall include an attendance record, a summary of actions taken at the meeting, and other information pertaining to the deliberations. In general, discussion of new substantive issues will not commence until the summary of the preceding meeting is approved.

B. Agendas

At the end of each meeting, the CAG will specify a tentative agenda for the following meeting. The Facilitator will develop draft meeting agendas prior to each meeting. Final agendas including any added topics will be approved by the CAG at the start of each meeting and will include opportunities for public comment.

9. CONSENSUS-BASED DECISION PROCESS

The CAG will operate by consensus of all members represented at the meeting. Consensus is the decision rule that allows collaborative problem solving to work. It is a way for more than two people to reach agreement. Consensus prevents domination by the majority, allows building of trust, and the sharing of information, especially under conditions of conflict. Consensus does not mean that everyone will be equally happy with the decision, but rather there is general agreement and support that the best decisions or recommendations that can be made at the time, have been made, with the people involved.

Consensus requires sharing information, which leads to mutual education, which provides the basis for crafting workable and acceptable alternatives. Consensus promotes joint thinking of a diverse group and leads to creative solutions. Moreover, because parties participate openly in the deliberation, they understand the reasoning behind the recommendations and are willing to support them. The focus for each stakeholder should be on making good decisions for his or her constituency, not simply to reach agreement.

In making decisions, each CAG Member will indicate their concurrence on a specific proposal using a **five-point scale.** The scale allows CAG Members to clearly communicate their intentions, assess the degree of agreement that exists for a particular proposal, and register their dissatisfaction without holding up the rest of the CAG.

The five-point scale is as follows:

I. **Endorsement** – Member full supports it.
II. **Endorsement with minor point of contention** – Basically, member likes it.
III. **Agreement with minor reservations** – Member can live with it.
IV. **Stand aside with major reservations** – Formal disagreement, but will not block or hold up the proposal/provision
    a. abstain
    b. require more information
V. **Block** – Member will not support the Draft Master Plan.

If all efforts have been made to arrive at full consensus, but it appears that the CAG will not be able to achieve it, the group may choose to proceed with less than consensus in order to achieve progress. In the event of lack of consensus, the CAG will:

- Allow time for the dissenting parties to express their concerns and rationale, and alternative points of view
- Note the range of views presented on the decision or proposal at hand and record those views in the meeting summaries

If after further deliberation the group cannot reach a decision on how to proceed, then the Facilitator will make a final determination on how to move forward.

Facilitators measure the CAG's consensus on a given proposal by open polling of the members present. The levels of consensus are:

- **Consensus** - All CAG Members present rate the proposal as a 1, 2 or 3.
- **Consensus with Major Reservations** – All CAG Members present rate the proposal as a 1, 2 or 3, except at least one CAG Member rates it as a 4.
- **No Consensus** - Any CAG Member present rates the proposal as a 5.

At the conclusion of a process, a final report will document the level at which individuals or groups supported the final product. All recommendations, major reservations, and the full lack of support to implement recommendations or decisions will be documented. This information will be documented in meeting summaries and the final report provided to the PRGAB and City Council.

10. GROUND RULES FOR INTERACTION

In order to have the most efficient and effective process possible, CAG Members will be fully present in the conversation, be respectful and be responsible. Specific Ground Rules are outlined below and can be modified as the process moves forward by a consensus of the CAG.

Discussion Ground Rules During the Meetings

- Prepare to work collaboratively to move the project forward in a timely manner.
- Raise hand to be recognized by the Facilitator.
- Speak one at a time in meetings as recognized by the Facilitator. Everyone will participate, but none will dominate.
- Be concise and stick to the topics on the meeting agenda (Facilitator may incorporate time limits as needed). Speak only on one topic per entry (no laundry lists).
- Speak to the whole group when talking.
- Avoid side conversations.
- Avoid off-topic questions.
- Treat each other, Raleigh Parks staff, the Facilitator, the organizations represented in the CAG, and the CAG itself with respect at all times.
- Refrain from interrupting.
- Monitor your own participation – everyone should participate, but none should dominate.
- Adhere to the agenda and time schedule with diligence.
- Put cell phones on "vibrate" and leave the room when a call is received.
- Be prepared to start on time.
- Recognize that everyone's interests are important.
- Avoid repetitiveness (i.e., one-track-mind behavior).
- Agree that it is okay to disagree, and disagree without being disagreeable.

- Avoid “cheap shots” and/or sarcasm.
- Refrain from hostility and antagonism.
- Leave personal agendas and “baggage” at the door; put personal differences aside in the interest of a successful CAG.
- Focus on the problem, not the person.
- Speak for yourself.

Process Ground Rules Throughout the Planning Process

- Adhere to the charter.
- Review information and stay informed.
- Work as team players and share all relevant information. Ask if they do not understand.
- Encourage free thinking. Offer mutually beneficial solutions.
- Encourage candid, frank discussions. Be honest and tactful. Avoid surprises.
- Openly express any disagreement or concern with all other CAG Members.
- Actively strive to see the other points of view.
- Follow through on commitments.
- Share information discussed in the meeting with the organizations and constituents represented and bring back to the CAG the opinions and actions of their constituencies as appropriate.
- Communicate the requirements of this charter with the organizations they represent to minimize the possibility of actions contrary to the charter.
- Commit to issues in which they have an interest.
- Support and actively engage in the CAG decision process.

If the above rules of decorum are violated, the Facilitator has the right to remove the offending party from the meeting. If multiple or severe violations occur, then the Facilitator may recommend removal of the CAG member to the Parks Committee.

11. SCHEDULE AND DURATION

The draft schedule is as follows:

Public Engagement Period	Engagement Tool	Tentative Dates
Initial Input	Survey	October-November 2023
	Pop-Up Outreach	October 2023
	Public Workshop	October 2023
	Community Advisory Group Meeting	November 2023
Design Alternatives	Community Advisory Group Meeting	February 2024
	Survey	February 2024
	Pop-Up Outreach	February 2024
	Public Workshop	February 2024
Draft Concept Plan	Community Advisory Group Meeting	July 2024
	Survey	July 2024
	Pop-Up Outreach	July 2024
	Public Workshop	July 2024
Final Draft Master Plan	Community Advisory Group Meeting	September 2024
	Parks, Recreation and Greenway Advisory Board	October 2024
	Parks, Recreation and Greenway Advisory Board	November 2024
	City Council Meeting	December 2024

12. AMENDMENTS TO THIS CHARTER

Changes to the charter can be made at any meeting of the CAG by consensus.

By signing below, I hereby acknowledge that I have completely read, fully understand, and agree to policies & procedures as outlined within the Community Advisory Group Charter.

_____

Name

_____

Signature

_____

Date

APPENDIX D: PUBLIC MEETING OUTREACH MATERIALS

RALEIGH PARKS

Help Plan the Future Kyle Drive Park!

Raleigh Parks is hosting a public workshop for the Kyle Drive Park Master Plan. This event is family-friendly and will include light refreshments and an art-making station for people of all ages. Accommodations and translation services are available upon request.

Kyle Drive Park is a 28-acre site located at 4700 Kyle Drive. The park is adjacent to the Beaverdam Greenway Corridor. Raleigh Parks is excited to create a Master Plan that reflects the unique needs and desires of the community.

Take the Survey:
Engage.RaleighNC.gov/KyleDrivePark

Monday, April 22
4:30-6:30 p.m.

Marsh Creek Community Center
3050 N New Hope Road
Raleigh, NC 27604

Raleigh Parks

raleighnc.gov/parks

RALEIGH PARKS

¡Ayude a Planificar El Futuro Parque Kyle Drive!

Raleigh Parks organiza un taller público para el plan general del Parque Kyle Drive. Este es un evento familiar e incluirá refrigerios y una estación de arte para personas de todas las edades. Los servicios de adaptación y traducción están disponibles previa solicitud.

Kyle Drive Park es un espacio de 28 acres situado en 4700 Kyle Drive. El parque se ubica junto al Beaverdam Greenway Corridor. Raleigh Parks se complace en crear un plan maestro que refleje las necesidades y deseos únicos de la comunidad.

Realice la encuesta:
Engage.RaleighNC.gov/KyleDrivePark

Lunes, Abril 22
4:30-6:30 p.m.

Marsh Creek Community Center
3050 N New Hope Road
Raleigh, NC 27604

Raleigh Parks

raleighnc.gov/parks

Help plan the future Kyle Drive Park!

¡Ayude a planificar el futuro Kyle Drive Park!

Raleigh Parks is hosting a public workshop for the Kyle Drive Park Master Plan! This event is family-friendly and will include light refreshments and an art-making station for people of all ages.

Raleigh Parks organiza un taller público para el plan general del Parque Kyle Drive. Este es un evento familiare incluirá refrigerios y una estación de arte para personas de todas las edades.

Monday, April 22 / Lunes 22 de Abril / 4:30-6:30 p.m.
Marsh Creek Park Community Center
3050 N New Hope Road

raleighnc.gov/parks

Raleigh Parks

We welcome your input and look forward to collaborating with you! Raleigh Parks is excited to create a Master Plan that reflects the unique needs and desires of the community.

¡Agradecemos sus ideas y esperamos colaborar con usted! Raleigh Parks se complace en crear un plan maestro que refleje las necesidades y deseos únicos de la comunidad.

Take the survey / Realice la encuesta :
Engage.RaleighNC.gov/KyleDrivePark

Raleigh Parks

CITY OF RALEIGH
P.O. Box 590
Raleigh, NC 27602-0509

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Help Plan Kyle Drive Park!

Join Us for a Drop-In Public Workshop

Monday, April 22
4:30-6:30 p.m.
Marsh Creek Park Community Center
3050 N New Hope Road

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Yard Sign 24in x 18in

¡Ayude a planificar el futuro parque Kyle Drive!

Participe en un taller público sin cita previa

Lunes 22 de Abril
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Búscar: Kyle Drive Park

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Yard Sign 24in x 18in

Help Plan Kyle Drive Park!

Visit the website below to engage with the project and take the Online survey.

Engage.RaleighNC.gov/KyleDrivePark

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Search Term: Kyle Drive Park

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Yard Sign 24in x 18in

Ayude a planificar parque Kyle Drive

Visite el sitio web para participar en el proyecto y realice la encuesta.

Engage.RaleighNC.gov/ KyleDrivePark

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Search Term: Kyle Drive Park

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Yard Sign 24in x 18in

Raleigh Parks Bond 2022 Projects

New Park Coming Soon!

Kyle Drive Park is a 28-acre site located at 4700 Kyle Drive. The park is adjacent to the Beaverdam Greenway Corridor.

Funding has been allocated for community engagement, Master Plan development, and construction/implementation at Kyle Drive Park through the 2022 Parks Bond Referendum. Raleigh Parks is excited to create a Master Plan that reflects the unique needs and desires of the community.

We welcome your input and look forward to collaborating with you!

Visit the website for more information:
publicinput.com/KyleDrivePark

Project Manager:
Emma Liles
KyleDrivePark@publicinput.com
919-996-3285

raleighnc.gov

Search Term: Kyle Drive Park

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Help plan the future Kyle Drive Park!

¡Ayude a planificar el futuro Kyle Drive Park!

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Raleigh Parks organiza un taller público para el plan general del Parque Kyle Drive. Este es un evento familiare incluirá refrigerios y una estación de arte para personas de todas las edades. Habrá intérpretes de español en esta reunión.

Monday, October 30 / Lunes 30 De Octubre / 4-7 P.M.
Marsh Creek Park
Community Center/ Centro Comunitario
3050 N New Hope Road

raleighnc.gov/parks

Raleigh Parks

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Contact

Emma Liles
Capital Projects Manager
KyleDrivePark@publicinput.com
919-996-3285

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Yard Sign 24in x 18in

APPENDIX E: MEETING AGENDA

Kyle Drive Park

Community Advisory Group Meeting

November 6th, 2023

Green Road Park

Agenda

1. In-Person Introductions
2. CAG Homework
    a. CAG Charter
    b. Bios – 50-100 words
    c. Upcoming CAG Site Visit
3. Park Planning 101
4. Engagement Debrief
    a. 10/30 public meeting
    b. Online survey results to date
5. Vision Statement Development
    a. Consensus Vote
6. Next Steps

Kyle Drive Park

Community Advisory Group Meeting

Date: February 8th, 2024 – 5:30-8:00pm

Location: Marsh Creek Park

Agenda

1. Schedule Update
    a. CAG & Public Meetings & Site Visits
    b. Potential Change to CAG Meeting Time
2. Vision Statement
    a. Consensus Vote Debrief
3. Renaming the Park
    a. Proposed Process
4. Design Alternatives Discussion
5. Next Steps

Kyle Drive Park

Community Advisory Group Meeting

Date: March 18th, 2024 – 5:30-8:00pm

Location: Marsh Creek Park

Agenda

1. Final Design Discussion
    a. Cost Estimates
    b. Basketball Court Design
    c. Public Art Examples
    d. Potential Nature Programming
2. Renaming the Park
    a. Proposed Names
3. Next Steps
    a. Meetings & Site Visit Logistics
        i. 3/19 & 3/21 Site Visits
        ii. 5/10 Meeting Time
    b. April Engagement
        i. 4/22 Public Meeting
        ii. 4/22-5/6 Online Survey
        iii. Communication Strategies

APPENDIX F: MEETING MINUTES

CAG MEETING #2 - 11.06.2024 (VIRTUAL)

CAG meeting #1 minutes were not prepared.

CAG MEETING #2 - 11.06.2024 (VIRTUAL)

Everyone in attendance except: Mikaela Rojas, Michael Wentz, and Hugh Fuller

- In person Introductions
    - Introduced the Park Planning team and consultants
    - Ran ice breaker with the CAG members to see what each of them have in common
- CAG Homework
    - CAG Charter
        - No Questions
    - Bios
    - Upcoming CAG Site Visit
        - Weekend visit will be the one that most people can make
        - We will be sending out options to try and get as many CAG members as possible to be at the visit and we will offer another site visit in the next few months in order to get everyone out there
- Park Planning 101
    - Explained the parks system as a whole
    - Showed how we identified park projects that should be completed and invested in
    - Explained the current stage of planning and what is a master plan
    - Explained the role of the CAG and what the role of the city and consultant staff is in this process
    - The city boundary with wake county is somewhere on Kyle Drive because some of the land is city while some is county – brought up by a CAG member – all of the land is still within the city's planning jurisdiction though
- Project Overview
    - Showed site inventory map of the Kyle Drive Park property
    - CAG member pointed out large culvert that was not noted
- Engagement Debrief
    - Asked for a list of park features that are not viable options for this park
    - 10/30 Public Meeting
        - Talked about the results of the engagement dot exercise from the public workshop
    - Online Survey Results
- Vision Statement Development:
    - Kyle Drive Park is…
        - Inclusive
        - Peaceful
        - Natural
        - Creative
        - Innovative
        - Safe
        - Nature Preservation
        - Education
        - Exploratory
        - Third Place
        - Interactive
        - These words will be synthesized in order to form potential mission statement
- Next Steps
    - We will be offering a few different day options for the site visit and will look at some rain days just in case
    - Next meeting will be in February

CAG MEETING #3

- Vision Statement:
    - The vision for Kyle Drive Park (Consider new name for park) is rooted in the natural attributes of the property. The park will provide an immersive experience emphasizing nature-based recreation and educational opportunities that capitalize on and are inspired by existing and significant ecological features and connect visitors to nature in numerous ways. It is therefore imperative that these features are preserved and enhanced by the park plan and design. Opportunities envisioned are multigenerational and include spaces for play, walking, gathering and environmental education. The park's identity and function will compliment other nearby parks by offering a unique set of experiences not found in those parks. The park program will reflect citizen input, provide opportunities that best meet the needs of the surrounding community and establish connections to nearby neighborhoods and the Capital Area Greenway System.
- Name Considerations
    - Valley Stream Park
    - Nature's Valley Park
    - Is there a person connected to the area? (Need to review naming policies)
- Program Ideas
    - Nature focused
    - Signage to set expectations of visitors - Leave no trace, respect the land and wildlife
    - Trails - loop (distance markers)
    - Access to wetlands (boardwalk / bridge) w/ interpretative signage
    - If courts, then close to main frontage with noise barrier/solution - maybe 1 or 2 courts?
    - Generally, park should be quiet
    - Man-Made hills/mounds for nature-play playground
    - NO pickleball
    - Variety of play options - traditional vs nature / tots vs bigger kids
    - Integrate nature
    - Adult fitness equipment
    - Adult play / swings (Mommy & Me swings that accommodate 3-6)
    - Community Garden (not the main focus)
    - Integrate light into play (parks are open dawn to dusk so could be an issue)
    - Integrate stairs into trail network
    - Hammocks
    - Flat area / flexible space (classes, events)
    - Gathering space / shelters
    - Tree houses (museum of Life & Science in Durham example)
    - Re-use cut-down trees for site furnishings / play
- Discussion Items
    - Can parking be accommodated under power lines?
    - Entrance off Kyle to accommodate adjacent apartment users
    - Ped entrances ONLY off east and south
    - Ped entrances off Valley Stream and Kyle
    - Concerns with speeding on Kyle and how that affects entrance into park
    - Better accessibility on Valley Stream
    - Traffic calming needed on Kyle and Valley Stream
    - AE Finley YMCA - Duke Energy Easement with parking example
- Schedule
    - Vision statement out for vote by Christmas
    - Mid-Feb: Next CAG meeting

DESIGN ALTERNATIVE REVIEW WITH CITY OF RALEIGH PARK STAFFS

Everyone in attendance except: Mikaela Rojas, Michael Wentz, and Hugh Fuller

- In person Introductions
    - Introduced the Park Planning team and consultants
    - Ran ice breaker with the CAG members to see what each of them have in common
- CAG Homework
    - CAG Charter
        - No Questions
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        - Exploratory
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        - Interactive
        - These words will be synthesized in order to form potential mission statement
- Next Steps
    - We will be offering a few different day options for the site visit and will look at some rain days just in case
    - Next meeting will be in February

CHECK IN WITH CITY OF RALEIGH PARK STAFFS

- Concept A
    - Make community garden color other than green, so doesn't get confused with wetland and stream buffer hatches
    - If the pedestrian connections will also be unpaved trails, I think we can use one dashed line type, instead of two different ones
    - Include green dashed line for potential greenway alignment in legend
    - Include key for acronyms (RR, GSI)
    - Include colors for stream access and play areas in legend
- Concept B
    - Are outer loop and inner loop trails really same length?
    - If the pedestrian connections will also be unpaved trails, I think we can use one dashed line type, instead of two different ones
    - Include green dashed line for potential greenway alignment in legend
    - Include key for acronyms (RR, BB, GSI)
    - Include colors for adventure play, stream access, and play areas in legend
- Example for food forest:
    - Walnut creek wetland park – talk with the stuffs
    - Along the greenway – blueberries, blackberries, fig
- Other:
    - Make sure to differentiate between plays – traditional play, natural play, adventure play
    - Separate pdf for precedent images
    - Questions about survey
    - Gathering/maintenance along community garden
    - ROW dedication
    - Bridge
    - Is boomerang part of the greenway?
    - Signage about slow down
    - Outdoor class
    - Crossing bridge - vehicle, EMS
    - Art on the bridge, signage

CAG MEETING #4

- Schedule Update: Emma shared proposed timeline for the next steps.
    - Draft concept plan – March 18
    - Public workshop and public site visit – End of April
    - Draft master plan report – June 17
    - Final master plan report – July 1st
- Vision statement:
- Park Renaming:
    - CAG members will brainstorm Park names before the March meeting and narrow it down to 3 names.
    - These names will be shared in the last public survey.
- Engagement to - date:
    - Online survey participation – 156 responses
    - Facebook page did not allow survey links.
    - Targeted social media Ads worked well. One CAG member said that she saw the ad.
- Survey Discussions:
    - Concept A - 50%
    - Concept B - 28%
- Design Alternative discussion:
    - One CAG member asked if permeable pavers were an option for the parking area.
        - Needs maintenance from the city staff.
        - Cost of materials.
        - Fire access through the parking area.
    - Are there any standard play structures for City of Raleigh. Once the playground is designed, we can decide more about play structures. Suggestions were made about using different play structures like other City of Raleigh parks. Google drive folder has some playground structures ideas.
    - Concerned about shooting range being near Kyle drive.
    - Pedestrian access through the valley stream needs to be discussed with Duke.
    - Walking loop needs to be safe, no dead ends, support laps.
    - The parking lot needs to support the school bus.
    - Suggestions about outdoor education – if its possible to run programs.
    - Picnic shelters: 4-6 tables. Nature-based parks need to be more educationally focused. Rentable shelter needs water and electricity.
    - Opposition to big shelters
    - Suggestion to combine nature play and basketball into one concept.
    - Discussions about getting sewer from Kyle drive.
    - Concept A:
        - Can half-basketball court be added to option A.
        - Having basketball court will bring teenagers.
        - Members were hesitant about the greenway alignment through the community.
        - Suggestions made to follow Option B greenway alignment in Option A too.
        - Boomerang boardwalk was preferred during the meeting, but with some concern about ecological effect.
            - Making it higher may allow light?
            - Boardwalk being on the floodplain. Is there any way to avoid floodplain.
            - Envision people may linger more with the boomerang design because it has more space for people to enjoy the wetlands.
        - Fencing around community garden. People don't like fences around community gardens.

CAG MEETING #4

- Concept B:
  - The outer loop boardwalk may allow for more trash to accumulate, as it goes through the wetland.
  - Suggestions on boardwalk with seating in google drive.
  - The adventure path was well received. Needs to be or look as natural as possible.
  - Signage and binoculars near boardwalks
  - Concern about kids jumping from the outer loop boardwalk. No railing.
  - Basketball near the playground could be a problem.
  - Suggestion to create a food forest along the main trail.
  - What natural elements look like after 10 years. Rot resistant material. Big boulders. Incorporate Arts as adventure play element. Example Willow Art, Cary. Cloud chambers.
  - Suggestions about fencing around the playground.
- Next meeting:
  - Discussion about the type of playground structures – precedent images with dots.
  - Consensus votes about basketball court, community garden.

DRAFT CONCEPT PLAN CHARETTE

- All the development are consolidated in the northern side of the property creates a perception that the park is for the Apartment residents. The southern part of the park is minimally developed, with only nature trail connecting to the paved trail.
- During preliminary concept sketches different constraints drive the design towards keeping the southern side untouched natural wooded area with minimal paved/unpaved trail.
- Challenges/constraints of developing southern part of parts are steep slope, not wanting to cross the stream, saving the matured wooded area.
- Community Garden:
    - What is the program for the community garden?
    - Who will use it?
    - Who will manage the community garden?
    - Community garden need staffs to manage it. Kyle drive is an unstaffed location. There have been a history of a lot of issues regarding community garden maintenance.
    - Suggestion:
        - Prepare a space and let the community decide how they want to maintain it.
- Food Forest:
    - Are there going to be signage about food forest, to provide people with direction where to go? If they are allowed to eat the fruits.
    - Signages should be an education component. Information about which fruits are not edible.
    - Discussion about ordinance changes about picking fruit. Previously noted as vandalism per city, not an issue anymore.
    - Suggestions:
        - Moving the food forest towards the north side of the park where most of the programs are.
        - Food forest can be a part of the community garden program.
        - Edible landscaping approach.
- Greenway Connection:
    - Will there be pedestrian signal for greenway connection on Kyle Drive?
    - Paved greenway trails are more valued by the users.
    - Pedestrian connection on Kyle drive needs to align with Driveway more. Pushing the crossing more towards eastern side along with the entrance driveway for the Apartment building.
    - Kyle Drive is a NCDOT road, so probably there are no signals possible for the crosswalks.
    - Suggestions:
        - Shawsheen suggested to combine all the sparking spaces and pushing the greenway to the western side.
        - TJ suggested people will cross Kyle drive from the parking lot of the Apartment, so greenway crossing should be along that entrance.

- Parking/Entrance to Park:
    - Feasibility of the parking, from ROW to wetland edge its tight and there are grade changes.
    - May need some retaining wall along Kyle Drive.
    - Suggestions:
        - Parking lot as a low impact development/Stormwater device.
        - Also help reduce the footprint.
        - Concern about maintenance of pervious pavers.

        - The driveway can be heavy duty asphalt but make the parking space pervious.
        - No curb parking
- Trails:
    - Paved trails are easier to maintain.
    - Preliminary concept had paved trail connections from south side neighborhood.
    - At least one paved connection from the neighborhood – possibly from Windsprintway
    - These trails can be narrower – 6 ft
- Wetlands/Boardwalk:
    - Impact of boomerang boardwalk.
    - Permitting process and time.
    - Top down construction for the boardwalk.
- Basketball Court:
    - Consideration about full basketball court or short court instead of half court.
    - Visibility of the court from street/neighborhood
    - Suggestions:
        - Shift basketball to the southern part of the site but may not be feasible because of steep slope.
- ROW:
    - Acquisition
    - How wide the utility and sidewalk strip is.
- HOA:
    - Southern side strip owned by neighborhood
    - Northern side owned by private trust – unsightly wooded area.
    - Update site analysis maps.
- Outreach/Survey:
    - Demographics of the survey did not match the community.
    - Direct outreach to get suggestions about the southern side paved trail connection from the neighborhood, how that will affect their property.

SKETCH PLAN REVIEW

Site Analysis:

- Pre application done for removing the road connection.
- Currently working on the application process.

Sketch Plan review:

- Planning:
  - Not a huge concern for a zoning point of view.
  - Landscape around parking lot.
    - Tree every 10 spaces for parking
  - Need a lighting plan – Chapter 10
  - Some lighting around parking lot – chapter 7.4
  - Confirmed Tier One SPR review
- Utilities (Rene Haagen):
  - How will the restroom be handled – prefabricated restroom
  - Water Line
    - Apartments are proposing to extend 15" line
    - Before submitting for SPR, water line needs to have a permit number
    - Cannot have sewer only service … need water AND sewer, or well-septic
    - If park is first, likely need to extend water line ~150 feet to reach property frontage
  - Sewer lines
    - 18" line on east side of property
    - 15" line in Kyle Drive
    - Rene will provide As-built information if available
- Fire:
  - No general comments
  - Only need Fire access from Kyle Drive side
- Urban Forestry (Pat Davis):
  - Is a full tree service necessary?
  - Trees proposed to be kept within LOD need to surveyed (trees 3" DBH and above)
  - Survey trees 10" DBH and above within 10' of LOD
  - No TCA required
- Stormwater (Kendall):
  - Flood study (no-rise) for floodplain crossings (boardwalks) with FEMA effective model.
  - Flood study near the secondary crossing – 100 yrs. flood plain
    - Ensure no floatation
  - FEMA flood area
  - NCDEQ – approval for the any impacts for the stream buffer
    - https://www.deq.nc.gov/about/divisions/water-resources/permitting/401-buffer-permitting/application-forms-help-documents
    - https://user-2081353526.cld.bz/UnifiedDevelopmentOrdinance/373/
  - GSI – Continue with evaluation process
- Transportation (Kevin Kidd):
  - Pedestrian connections are okay from the stubs if Fire is okay
  - Lighting near Jelynn
  - Kyle Drive – DOT road
  - Widening of Kyle – 2 lanes undivided
    - 10' multi-use path with 1.5' strip and curb/gutter - match the apartments
- EV stations (Dale Tiska):
  - Will there be gate because of overnight parking at EV stations?
    - Not one planned at the moment.
  - No gate policy for COR - only at trouble sites

CHECK IN WITH CITY OF RALEIGH PARK STAFFS

- Online Survey:
    - Very positive feedback.
    - Lots of good feedback about the community agricultural theme
- Food Forest:
    - Concern about maintenance and water schedule.
    - Do they need volunteer?
    - No irrigation is provided for the Trees/Shrubs
    - The species will be more like we saw at marsh creek – very low maintenance
    - Only annuals which are easy to maintain.
- Parking:
    - Make sure to have one tree island per 10 spaces
    - May be very high-level lighting location – as we had a lot of discussion about lighting
    - Suggestions were made for low ambient dark light – mention in masterplan report may be.
- Shelter:
    - Combine the restroom/shelter and shift it next to the basketball court to accommodate sewer.
    - No pumping for the sewer.
    - Emma to provide manhole location, invert and RIM elevation.
    - Timing of the waterlines – if it's going to available
- Crossing:
    - Bottomless box culvert should be fine.
    - It does not need to be something fancy for maintenance truck access.
- Trail Connection from southern neighborhood:
    - Very serpentine – people may take shortcuts.
- GSI:
    - Try to accommodate the GSI near the basketball court.
- Grading:
    - Kyle drive is crowned
    - Please check iMAPS for contours.

CAG MEETING #5

Community Garden Visit:

- Meeting started with CAG members touring the community garden at Marsh Creek Community Center.
- CAG members discussed about Garden bed sizes and Kids learned how to plant onions.

Final Concept Plan Review:

- CAG members comments:
    - Received positive feedback about traditional and nature play elements.
    - There are still some concerns about basketball court being so close to playground.
    - Very positive feedback for the Food Forest.
    - Concern about the community garden maintenance.
    - Suggestions made for introducing edible landscape/food forest to the northern part of the park.
    - Food forest replacing the community garden.
    - Add benches along the greenway.
    - Positive feedback on Play element precedent boards.
- COR comments:
    - Remove adventure plan along natural trail.
    - Combine shelter and restrooms.
- Future Survey:
    - Neighborhood members living at Windsprint way, Windproof way and Windblown Ct need to be surveyed about the pedestrian connection to the park.
- Cost Estimate comments:
    - No concern about the draft OPCC.
- Park renaming discussion:
    - Several names were discussed.
    - Name: Beaverdam Creek park got negative feedback.
    - Names with Food Forest were discussed.
    - Three names selected:
        - River cane wetland park
        - Kyle drive park
        - Valley stream wetland park
    - Suggestions made to add others option for people to add more name ideas.

CHECK IN WITH CITY OF RALEIGH PARK STAFFS

- Most survey feedback are positives
- Some comments about adventure play and community garden
    - Define adventure play in report
    - Community can make their own adventure play
    - When the park is activated, adventure play can be a program
- Sidewalk extended to valley stream road
- Stream access:
    - Selective clearing and stepping stone
- Next CAG meeting: Virtual - May 10
- June 6 – parks committee
- June 12 – Executive Staff
- July 1 – CAG meeting

Urban forestry requires inventory of trees the design intended to save.
Top – 5 best trees

CAG MEETING #6

- Online survey:
- Additional funding
- Artist call out next week
- One more CAG meeting next week
- Parks and rec board
- 68 participates
- 90% supports the final plan
- Concerns about basketball
- Include a section about community garden
- Amount of parking: add few more
- Emergency services parking in the meadow
- Educational signage: park benches,
- Parking on Jellyn
- Elimination of adventure play
- Adventure through the park
- Consensus portion:
- Reports: Potential nature programming.
- July 1st meeting

CHECK IN WITH CITY OF RALEIGH PARK STAFFS

- Preferable tense – Present thought out the document?
    - Present
- Progress energy or duke?
- Acres of wetlands
- Survey results in appendix.
    - Raw Data from Survey
    - Natural
    - Situation assessment pdf
    - Meeting minutes
    - Transportation
    - Udo - Street Cross Section
    - Refer to System Integration Plan
    - Refer to Situation Assessments
- CAG meeting – Accuracy
    - 1ST CAG – 10/24 - intro meeting
    - 2nd CAG – 12/12 - vision statement
- Alternative design -
    - Do you want us to include the preliminary concepts?
- Page 37 -
- Greenway Connectivity
- Tree Survey

Next Step:

- **06/21 - draft to CAG for review before meeting**
- **07/01 - CAG Meeting**
- 07/03 - Finish draft
- 07/18 - PRGAB approval expected.
- 07/29 - Package drawing for Board docs.
- 08/29 - Council Meeting

CAG MEETING #7

CHECK IN WITH CITY OF RALEIGH PARK STAFFS

APPENDIX G: MEETING PRESENTATIONS

Kyle Drive Park

Community Advisory Group

October 24, 2023

Raleigh

Agenda

- Introductions
- Situation Assessment Overview
- Draft Engagement Plan
- Community Advisory Groups (CAG) Charter
- Next Steps

Raleigh Parks Team & Consultant Team

Consultant Team - WithersRavenel

- Jon Blasco
- Brian Starkey

Park Planning Team

- Emma Liles
- Lauryn Kabrich
- Zach Jewell
- TJ McCourt

Design Resource Team

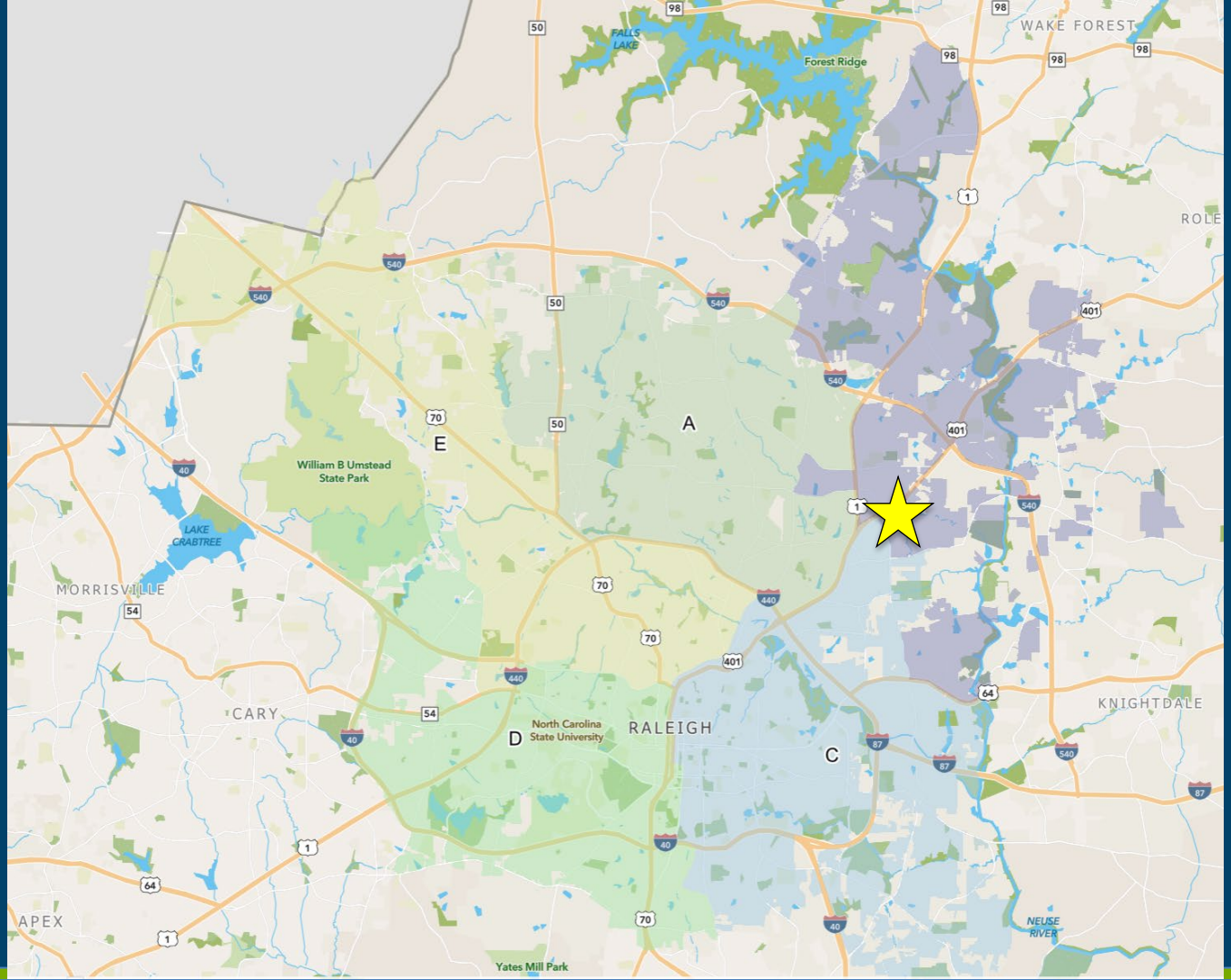
- Sean Gough, Land Stewardship
- Gil Young, Parks Maintenance
- Tori Spaugh, Recreation
- Kira Stewart, Recreation
- Jimmy Walters, Facility & Operations

Raleigh

Kyle Drive Park Community Advisory Group

#	Name
1	Adam Schreiner
2	Alexis Arterberry
3	Bekah Torcasso Sanchez
4	Crystal Scarborough
5	Debora Thomas
6	Hezekiah Goodson Jr.
7	Jeannette Arrowood
8	Melissa Deann Forde
9	Michael Wentz
10	Mikaela Rojas
11	Mysti Stewart
12	Peter Giambattista
13	Rebecca Burmester
14	Sherry Stephen
15	Carol Ashcraft – PRGAB
16	Hugh Fuller - PRGAB

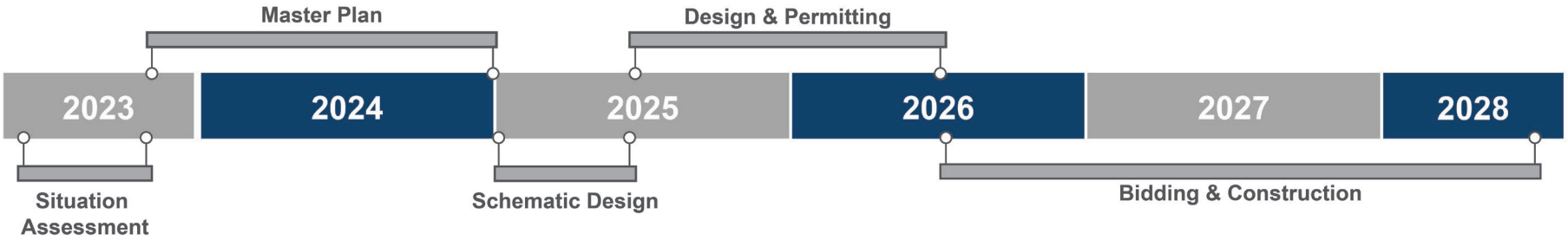
Raleigh


FALLS LAKE
Forest Ridge
WAKE FOREST
ROLE
A
E
William B Umstead State Park
LAKE CRABTREE
MORRISVILLE
CARY
D
North Carolina State University
RALEIGH
C
KNIGHTDALE
APEX
NEUSE RIVER
Yates Mill Park

2022 Parks Bond

- Funding for community engagement, Master Plan development, design, and construction
- Budget: $9M

OVERALL PROJECT TIMELINE



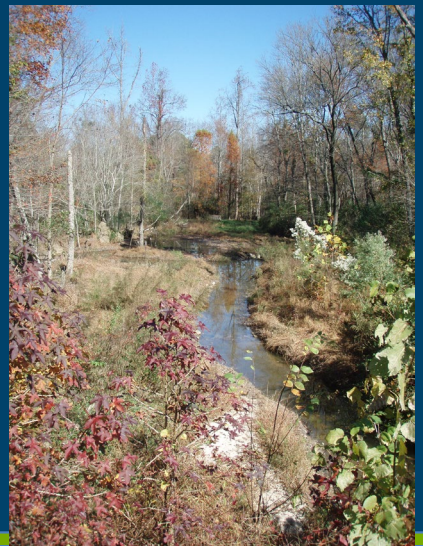
Situation Assessment

- **“Pre-planning”**: What is the best way to engage with *this community* in a collaborative process?
- Understand the historical, cultural, and planning context before we start a project
- Proactively identify and address any issues that may be contentious during the planning process
- Identify key stakeholders and **Community Advisory Group (CAG)** membership

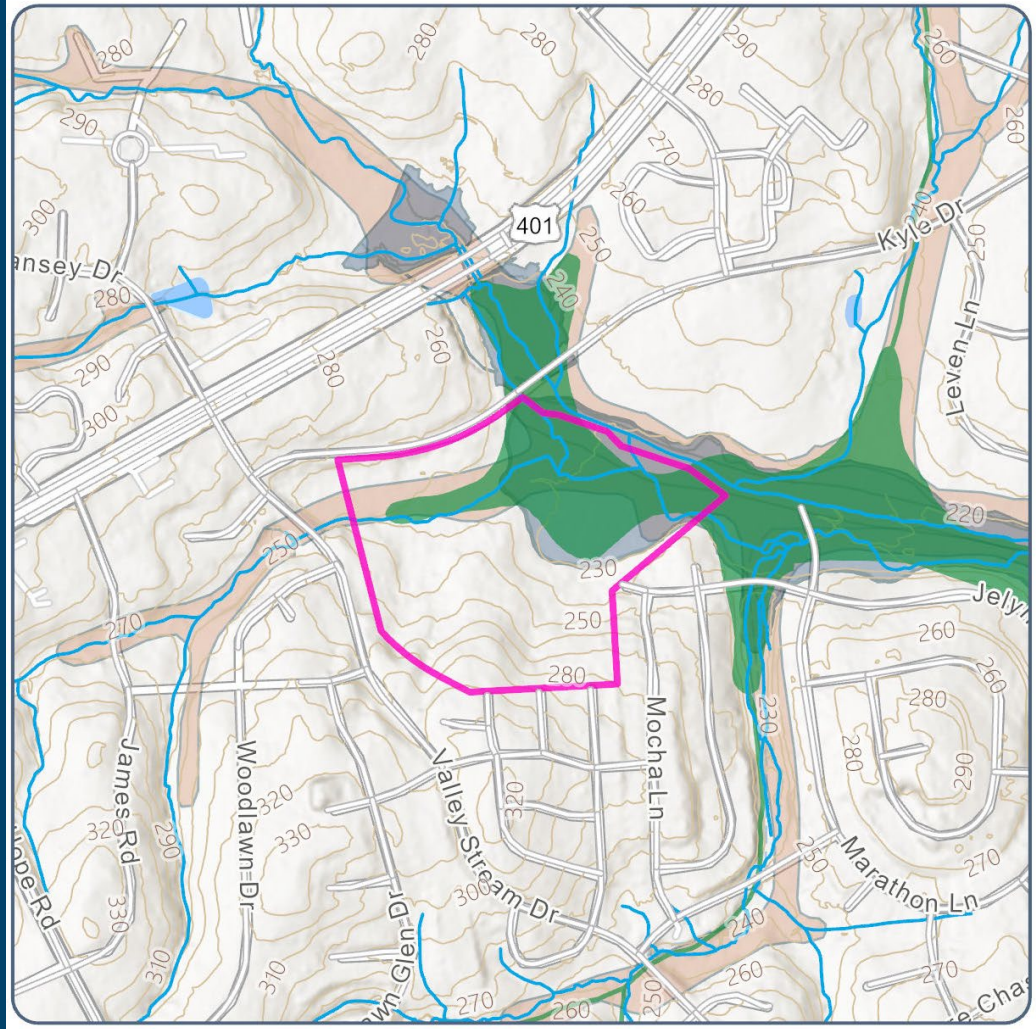
Raleigh

Kyle Drive Park

27 Acres



Raleigh



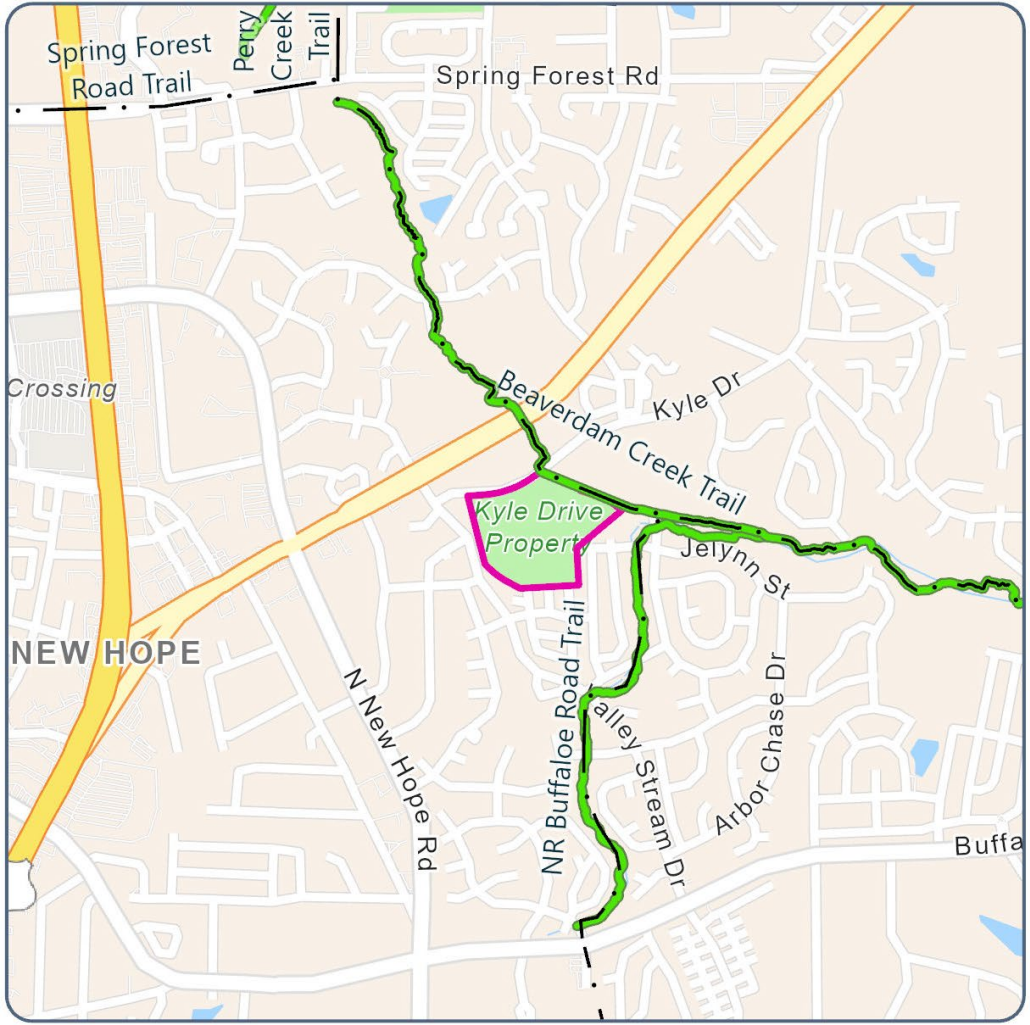
Natural Resources Exhibit

- Project Area
- 10-Foot Contour
- Wake County Stream Line
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Lake / Pond
- Wake County Floodplain
- Wake County Flood Soils

0 0.1 0.1 0.3

Miles

Raleigh

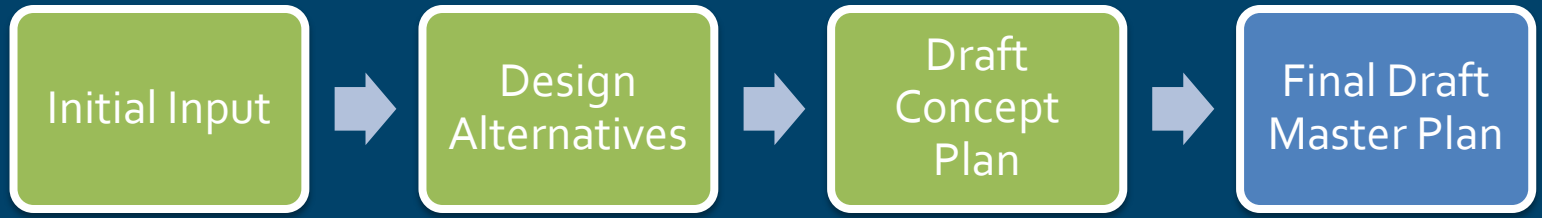


Greenway Master Plan

- Project Area
- City of Raleigh Greenway Corridor Master Plan
- Proposed Capital Area Greenway Corridor Trails

0 0.1 0.3 0.5 Miles

Draft Engagement Plan



Engagement Methods

- CAG working meetings
- Public Workshops and Open Houses (offered virtually and in-person)
- Pop-Up information table at community events
- Online surveys
- Mailer notifications for nearby residents
- Community Connectors program

Kyle Drive Park - Draft Engagement Plan

Public Engagement Period	Engagement Tool	Tentative Dates
Initial Input	Survey	October-November 2023
	Pop-Up Outreach	October 2023
	Public Workshop	October 2023
	Community Advisory Group Meeting	November 2023
Design Alternatives	Community Advisory Group Meeting	February 2024
	Survey	February 2024
	Pop-Up Outreach	February 2024
	Public Workshop	February 2024
Draft Concept Plan	Community Advisory Group Meeting	July 2024
	Survey	July 2024
	Pop-Up Outreach	July 2024
	Public Workshop	July 2024
Final Draft Master Plan	Community Advisory Group Meeting	September 2024
	Parks, Recreation and Greenway Advisory Board Meeting	October 2024
	Parks, Recreation and Greenway Advisory Board Meeting	November 2024
	City Council Meeting	December 2024

Community Advisory Group (CAG)

- Diverse committee of 10-15 people representing surrounding community and interest groups
- CAG members help facilitate information sharing between the community and planning staff
- CAG votes on key decision points and final recommendation to Advisory Board
- Consensus-based Master Plan process

CAG Charter

1. Background & Project Description
2. Purpose
3. Final Products
4. Authority of the CAG
5. CAG Member's Representation & Responsibilities
6. Public Input
7. Responsibilities of the Facilitator
8. Meeting Summaries and Agendas
9. Decision Process
10. Ground Rules for Interaction
11. Schedule & Duration

Initial Input
Community Engagement

Public Workshop

- October 30th from 4-7pm
- Marsh Creek Park

CAG Meeting

- November 6th at 5pm
- Green Road Park

Online Survey:

Engage.RaleighNC.gov/KyleDrivePark

Next Steps

CAG Homework:

- Review & sign the CAG Charter before our first in-person meeting on November 6th
- Provide a short 50-100 word bio – this will be posted online & be publicly available
- Respond to the Doodle Poll to help choose a date & time for a CAG Site Visit

Call to Action: *Help us promote the public meeting & online survey!*

Questions?

Raleigh

Kyle Drive Park

Community Advisory Group

February 8, 2024

Raleigh

Agenda

- Schedule Update
- Vision Statement Consensus Vote
- Park Renaming & Proposed Process
- Design Alternatives
- CAG Next Steps & Upcoming Engagement

Schedule Updates

Public Engagement Period	Engagement Tool	Dates
Design Alternatives	**CAG Meeting**	**February 8**
	CAG Site Visits	**February 9 & 10**
	Pop-Up Outreach – Green Rd Public Meeting	February 3
	Virtual Open House & Online Survey	January 29 – February 12
Draft Concept Plan	**CAG Meeting**	**March 18**
	CAG Site Visits	**March 19 & 23**
	Pop-Up Outreach – Egg Hunt at Marsh Creek	March 27
	Public Workshop	April 22
	Public Site Visits	April 25 & 27
	Virtual Open House & Online Survey	April 22 – May 6
	CAG Meeting	**May 10**
Draft Master Plan	**CAG Meeting**	**July 1**
	Parks, Recreation and Greenway Advisory Board Meeting	July 18

Vision Statement Consensus Vote

"*Inspired by the Beaverdam Creek Wetland, Kyle Drive Park will connect visitors to nature and serve as an inclusive community hub, providing nature-based recreation, multi-generational activities, and enhancement of the natural environment.*"

13 Responses To Date:

- 11 - Fully endorse
- 2 - Endorsement w/ Minor Contention

Park Renaming

"Based upon geographical, historical or ecological features, indigenous to the park's area"

Engagement to Date

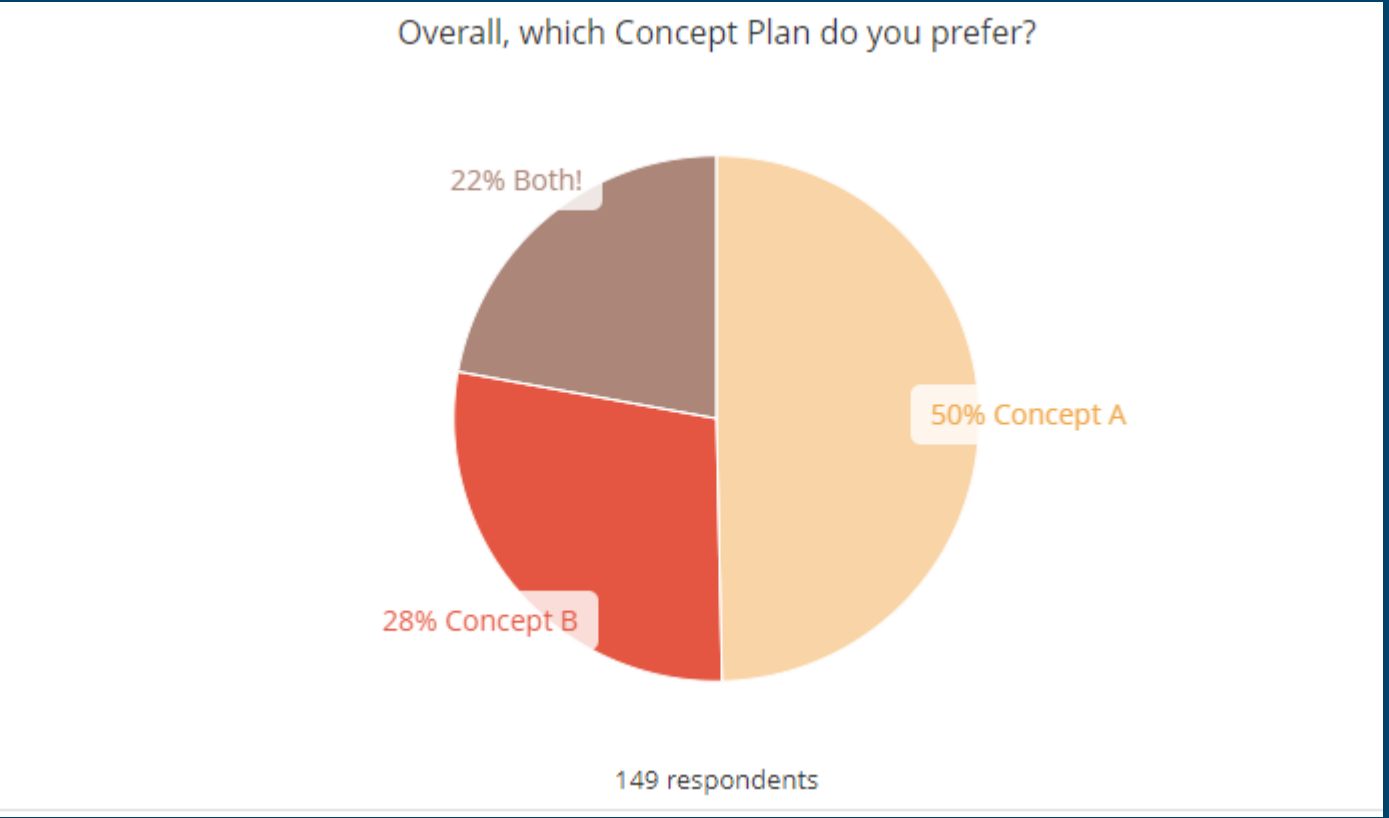
Pop-Up Outreach: February 3rd

Online Survey: January 29th – February 11th

Project Engagement

VIEWS	PARTICIPANTS	RESPONSES	COMMENTS	SUBSCRIBERS
477	152	1,446	111	21

Engagement to Date



Engagement to Date

Which unique elements, from either concept, do you want to see in the final plan?

64%	Community Garden	Rank: 3.13	39 ✓
62%	Food Forest	Rank: 3.18	38 ✓
69%	Adventure Play	Rank: 3.48	42 ✓
61%	Boomerang Boardwalk	Rank: 3.59	37 ✓
61%	Outerloop Boardwalk	Rank: 4.27	37 ✓
56%	Art along Trail	Rank: 4.50	34 ✓
57%	Art on Boardwalk	Rank: 4.66	35 ✓
62%	Outdoor Classroom	Rank: 5.55	38 ✓
51%	Basketball Court	Rank: 5.77	31 ✓

61 Respondents

Engagement to Date

Some elements appear in both Concept Plans. Which element do you like best?

	Concept A	Concept B	Both	Neither
Stream Access	51% Concept A	16% Concept B	33% Both	- Neither
Nature Play	40% Concept A	37% Concept B	23% Both	- Neither
Traditional Play	27% Concept A	38% Concept B	22% Both	12% Neither
10' Greenway Trail & 8' Path	39% Concept A	20% Concept B	41% Both	- Neither
Unpaved Nature Trails	34% Concept A	15% Concept B	46% Both	5% Neither
Wetland Education Signage	39% Concept A	16% Concept B	43% Both	1% Neither
Green Stormwater Infrastructure	38% Concept A	17% Concept B	46% Both	- Neither
Restrooms	34% Concept A	21% Concept B	43% Both	1% Neither

90 respondents

Raleigh

Design Alternatives Discussion

CAG Next Steps

- **Draft Concept Plan Meeting:** March 18th
- **CAG Site Tours:** March 19th & 23rd
- **Final Concept Plan Meeting:** May 10th

Draft Concept Plan
Upcoming Engagement

- **Online Survey:** April 22nd – May 6th
- **Public Workshop:** April 22nd from 4:30-6:30pm
  Marsh Creek Park
- **Public Site Tours:** April 25th & 27th

Questions?

Raleigh

Kyle Drive Park

Community Advisory Group Meeting

March 18, 2024

Raleigh

Agenda

1. **Final Design Discussion**
    a. Cost Estimates
    b. Basketball Court Design
    c. Public Art Examples
    d. Potential Nature Programming

2. **Renaming the Park**
    a. Proposed Names

3. **Next Steps**
    a. Meetings & Site Visit Logistics
        i. 3/19 & 3/21 Site Visits
        ii. 5/10 Meeting Time
    b. April Engagement
        i. 4/22 Public Meeting
        ii. 4/22-5/6 Online Survey
        iii. Communication Strategies

Basketball Courts

What are our options?

- Full Court
- Half Court
- Short Court

Nature Programming

- Though Kyle Drive will be an unstaffed site there are several opportunities for nature Programming
  - School field trips make up a large part of the current nature programming put on by the city
  - Travelling Instructors can be hired and trained by the city
  - Summer camps and other partnerships are also options

Nature Programming

- Things to Build On:
  - There is an existing wetland based environmental education program
  - Partnerships with organizations and summer camps currently exist and/or are starting soon
    - Schoolhouse of Wonder summer camp

Public Art

- Several different routes we could pursue
  - Sculptures, Murals, and Functional Art pieces are all possible
  - Price ranges from $2500 to $30,000

Adriana Ameigh

- Uses a poly-tab material that allows the community to paint on the artwork before it is placed on the building
- $2500 - $10,000

Adriana Ameigh Art (@ameighart) • Instagram photos and videos

Public Birdhouses

- The Danish Street Art Project has built over 3500 urban birdhouses
- $15,000 - $30,000

Elsa Hoffman

- Local sculptor that creates plasma cut metal art inspired by nature

commissions — Elsa Hoffman

Renaming Process

- Include new name options in April online survey
- 3-Step Process with Parks Board
    1. May Board Meeting: Present proposed name & survey results
    2. June Board Meeting: Public comment period
    3. July Board Meeting: Name Adoption & Master Plan Adoption

Next Steps

April Engagement

- 4/22 Public Meeting
  - Marsh Creek Park, 4:30-6:30pm
- 4/22-5/6 Online Survey

April Engagement Communication Strategies

Print & In-Person

- Mailer notifications for nearby residents
- Flyers w/ QR Codes at nearby parks, businesses, & apartments
- Yard Signs w/ QR Codes at the site and in nearby neighborhoods
- Posters & Rack Cards at nearby parks
- 3/27 Marsh Creek Egg Hunt Event

Digital

- Stakeholder & Subscriber Emails
- Raleigh Parks weekly digital newsletter
- Social Media Ads
- Project Website Update

Next Steps

Meetings & Site Visit Logistics

- Site Visits
  - 3/19, 1-3pm
  - 3/23, 10am-12pm
- 5/10 CAG Meeting Time
  - Marsh Creek Park, 5:30pm

Questions?

Kyle Drive Park

Community Advisory Group Meeting

Virtual – Microsoft Teams

May 10, 2024

Raleigh

Agenda

1. **Engagement to Date**
    1. Final Design
    2. Park Renaming
2. **Final Design**
    a. Review + Discussion
    b. Consensus Vote
3. **Public Art Update**
    1. Additional Funding Identified
4. **Next Steps**
    a. July 1, 2024: CAG Meeting
        a. Consensus Vote on Master Plan Document
    b. July 18, 2024: Parks Board Meeting

Consensus Vote Reminder

1) **Endorsement** – Member full supports it.

2) **Endorsement with minor point of contention** – Basically, member likes it.

3) **Agreement with minor reservations** – Member can live with it.

4) **Stand aside with major reservations** – Formal disagreement, but will not block or hold up the proposal/provision

5) **Block** – Member will not support.

Next Steps

Meetings

- 7/1: CAG Meeting
  - Marsh Creek Park - 5:30pm
  - Consensus Vote on MP Document
- 7/18: Parks, Recreation and Greenway Advisory Board
  - City Council Chambers (222 W. Hargett St.) - 6:00pm

Questions?

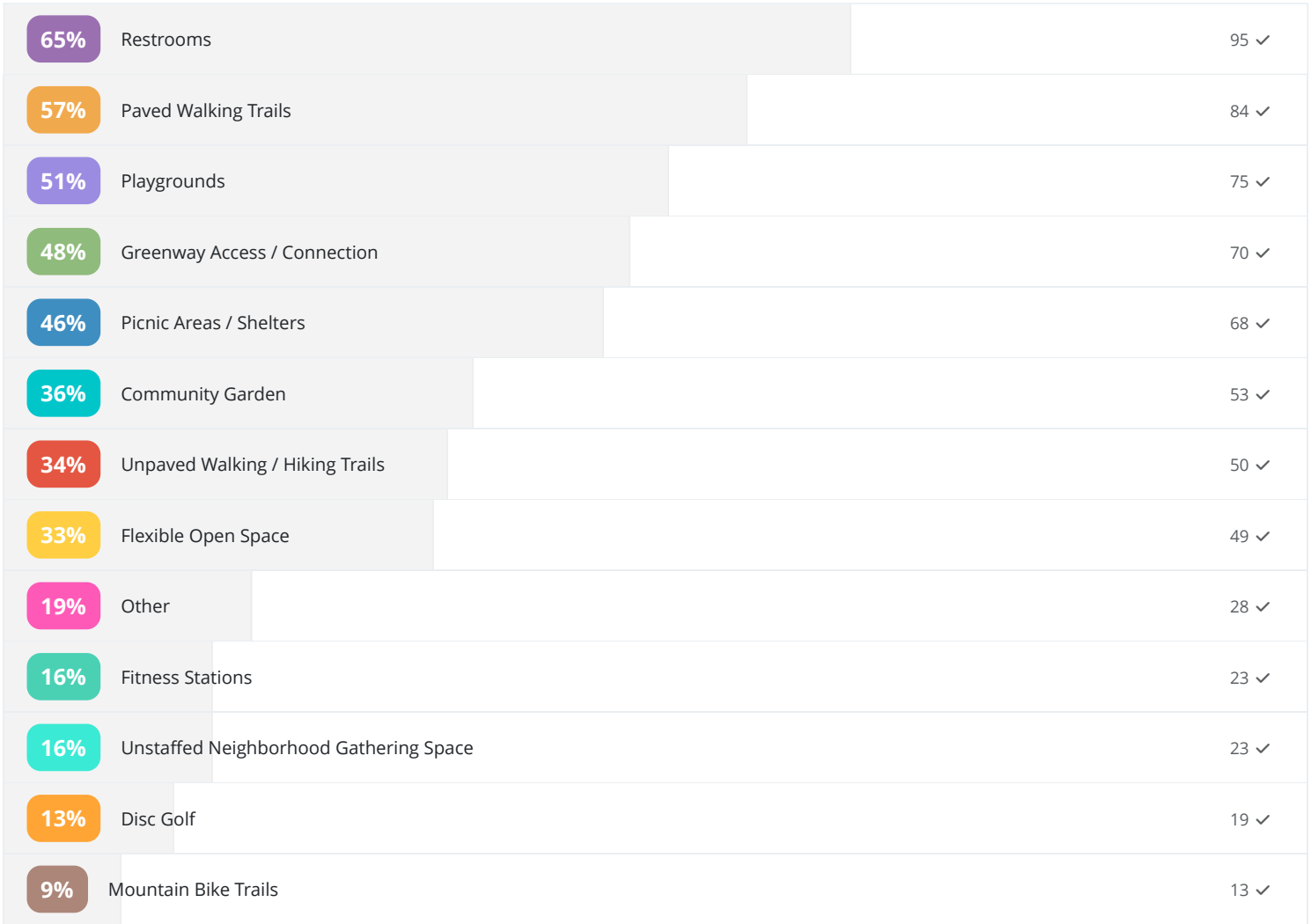
APPENDIX H: ONLINE SURVEY RESULTS

Kyle Drive Park Initial Input Survey

Project Engagement

VIEWS	PARTICIPANTS	RESPONSES	COMMENTS
341	151	1,436	125

Which types of amenities would you and your household members be most likely to use at the Kyle Drive Park? Please select your top five (5):



147 Respondents

Please include a pickleball court.

24 days ago

This area would be perfect for a nature play space like the one at prairie ridge or museum of science in Durham! It would also be great with hammocks (like dix) and slack lines and the like.

25 days ago

Poll Questions 'Other' Responses:

Spaces where dogs are NOT allowed. Some of us hate dogs in public spots.

23 days ago

Nature play space and interactive water features

25 days ago

Nature play space and water play features/splash pad/interactive waterfall/spray ground

25 days ago

Nature play space

25 days ago

There are accesses to bus lines in the area, but they are a 30 minute walk for the residence so to implement an extension to the connector buses to the park would be great.

25 days ago

Basketball court
Splash pad
Tennis court

one month ago

Thank you for this space!

one month ago

Splash pad

one month ago

Looking forward to this opening

one month ago

Connection of all greenways with safe non-automobile access plus adequate lighting and surveillance using solar powered devices. A Greenway Park ranger corps would allow for all of the other amenities.

one month ago

Put some benches for sitting on in shaded areas of the trail

one month ago

Splash pad

one month ago

Kyle drive needs a sidewalk to get too the park.

one month ago

Splash pad

one month ago

Local stocked fishing pond

one month ago

4 acre pond

one month ago

Splash Pad

one month ago

Basketball Court

one month ago

Outdoor Basketball Court
Outdoor Splash Pad

one month ago

Pollinators and sensory garden

one month ago

Pollinators garden and sensory garden

one month ago

Also a pond, and benches

one month ago

Pickleball courts would be nice

one month ago

park Dog

one month ago

Splash pad

one month ago

ADA ACCESSIBILITY PLEASE

one month ago

👍

one month ago

Basketball court

one month ago

Basketball court and a splash pad

one month ago

So excited for this park location! Since there is another park right down on Spring Forest/Fox with a large open land space, I would like to see them utilize this space with something different like disc golf & some pet friendly walking/hiking trails. Also, a playground with some weather covering/shade would be soo nice.

one month ago

Great idea!

one month ago

Wonderful idea a New Park close to my house!!

one month ago

Fitness stations are lacking all over the city of Raleigh. They can be a good quick way to engage in healthy activity while enjoying nature.

one month ago

DOG Park

one month ago

The space needs to be as natural as possible. Raleigh has lost too much forest to ill-considered and environmentally-damaging development. The wetland should be protected and remediated as needed.

one month ago

Please add basketball courts

one month ago

Basketball court

one month ago

I support parks and green spaces they are vital to human survival. Since the Hedingham greenway murders, I am not that excited about greenways.

one month ago

Dog poop bags, trash and recycling, digital display clocks showing date, time and temperature

one month ago

Greenway access is important, but sufficient parking is needed to avoid people parking in the streets/in front of private homes.

one month ago

Pickleball Courts

one month ago

Pickleball courts would be excellent!

one month ago

It would be very nice to have an Arts Center on this side of town for both adults and children.

one month ago

Basketball/Volleyball/pickleball/tennis/handball court

one month ago

Pickle ball courts

one month ago

pickleball courts

one month ago

Pickleball Courts

one month ago

Dog Park

one month ago

Dog Play Area

one month ago

I just want to mention that'd be cool to see a hybrid of paved walking trials that bicyclist can use too!

one month ago

Playspace different from typical playground

one month ago

Sidewalk on Kyle Drive to get to park

one month ago

Bird blind by the wetland

one month ago

Approximately one-third of the Kyle Drive Park is a non-forested wetland. What amenities related to the wetland would you like to see?

Boardwalk(s) across wetland

one month ago

63 Agree

Trail around wetland

one month ago

60 Agree

Viewing platforms

one month ago

57 Agree

Educational signage

one month ago

47 Agree

I just really want a shaded trail where I could push a stroller and enjoy nature. Would also be nice to have benches to take a break and sit.

one month ago

38 Agree

Citizen science elements related to the wetland - QR code to document species present, take photos of wetland, etc.

one month ago

30 Agree

Paved stroller friendly paths through the wetlands (like raised boardwalks) would be great. Just don't clearcut and stick ballfields or dog parks. We have enough of those.

one month ago

18 Agree

Nature inspired playgrounds and features that are inspired by the wetlands. Could be small interactive learning pieces throughout a paved trail that both educates and engages people of all ages.

one month ago

17 Agree

A trail around the wetland with viewing platforms and informational signage would make the wetland accessible without unduly disturbing it.

one month ago

14 Agree

Citizen science related to the eco system of the area. If wetlands support, create a natural wetland garden. Rain garden to collect water for the park center to use. Mediation area

one month ago

14 Agree

Keep it natural with paths surrounding it and boardwalk across to allow for viewing

one month ago

8 Agree

Basketball court

one month ago

8 Agree

Safe Areas w Patrol

one month ago

8 Agree

Preserve our wetlands!

one month ago

6 Agree

A small fenced area for off-lease dogs would be great!

one month ago

6 Agree

shaded trail with dirt path.

one month ago

5 Agree

Bird & critter feeders to help animals during the cold season(s).

one month ago

2 Agree

Pickleball

23 days ago

1 Agree

Architectural/sculptural shelters. Unique and interesting architectural element that works well with the natural landscape

one month ago

1 Agree

Nature play space

25 days ago

Slash Pads ,Basketball court, tennis courts

one month ago

A science playground would be different. Check out Sugar Sand Park Playground in Boca Raton, Florida www.sugar sand park.org

one month ago

How would you and your family get to Kyle Drive Park?

72%	Vehicle	63 ✓
46%	Walk	40 ✓
23%	Bike	20 ✓
3%	Public Transportation	3 ✓

87 Respondents

Responses from citizens who use public transportation is very low but I hope this will not impede with the implementation of extending the connector public transportation to the park. It would be essential to those who use it to get to work and access travel to other areas of the city.

25 days ago

Don't forget parking!

one month ago

Probably vehicle, but will be able to walk when Greenway is built.

one month ago

I would only bike if greenway access was available. Otherwise, the park would be inaccessible to me by bike.

one month ago

Our family would like to walk (or bike when our children are older) when the weather is pleasant and if we felt it was safe enough. We have concerns, though, because of how fast cars drive on Valley Stream and on the neighborhood streets (i.e. within Winchester, Valley Stream, etc.). On warmer summer days, we will drive.

one month ago

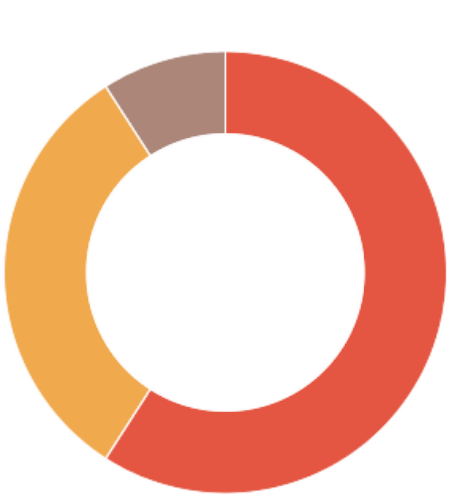
If you selected Bike or Walk, would you enter the park from the north, south, east or west?

52%	West (Valley Stream Dr)	33 ✓
31%	North (Kyle Dr)	20 ✓
16%	East (Jelynn St)	10 ✓
14%	South (Windstorm Way)	9 ✓

64 Respondents

Kyle Drive Park is located along the Beaverdam Creek Greenway Corridor that includes a proposed trail that would connect to several parks in the future.

As part of this project scope, should greenway trail construction to other parks be a priority?



88 respondents

Having such close proximity to the amazing Raleigh Greenway system is a great benefit for home values!

one month ago

The park itself is bigger priority than connectivity

one month ago

Greenway corridor access would be the primary means by which I'd arrive at the park.

one month ago

Help us come up with creative ideas for the Kyle Drive Park! Can you think of something special you would love to see here, but can't find at other parks in the area? Do you have an imaginative concept for a new park feature? Whether it's something big or something small, your idea could help shape the future of the Kyle Drive Park. Tell us about it.

Splash pad please!

one month ago

11 Agree

ADA and wheelchair accessible playground and trails.

one month ago

10 Agree

I would love to see creative play spaces for children that let them use their imagination. There's a park in Alabama that uses old steel drums to create a "maze" and they've used them to create sensory "rooms" where kids can play "music" or pretend the structures are something else. All the playgrounds in Raleigh more or less have the same equipment over and over. My son has really enjoyed structures where he can use his imagination and jump off of things or play hide and seek - outside of the box play structures.

one month ago

8 Agree

Pickleball is the fastest-growing sport in America. Its blend of tennis, badminton, and ping pong elements makes it accessible to players of all skill levels. The installation of pickleball courts at Kyle Park will be a valuable addition to our community. This initiative will promote physical fitness, social interaction, and overall well-being, in line with our city's commitment to a healthy and active lifestyle.

one month ago

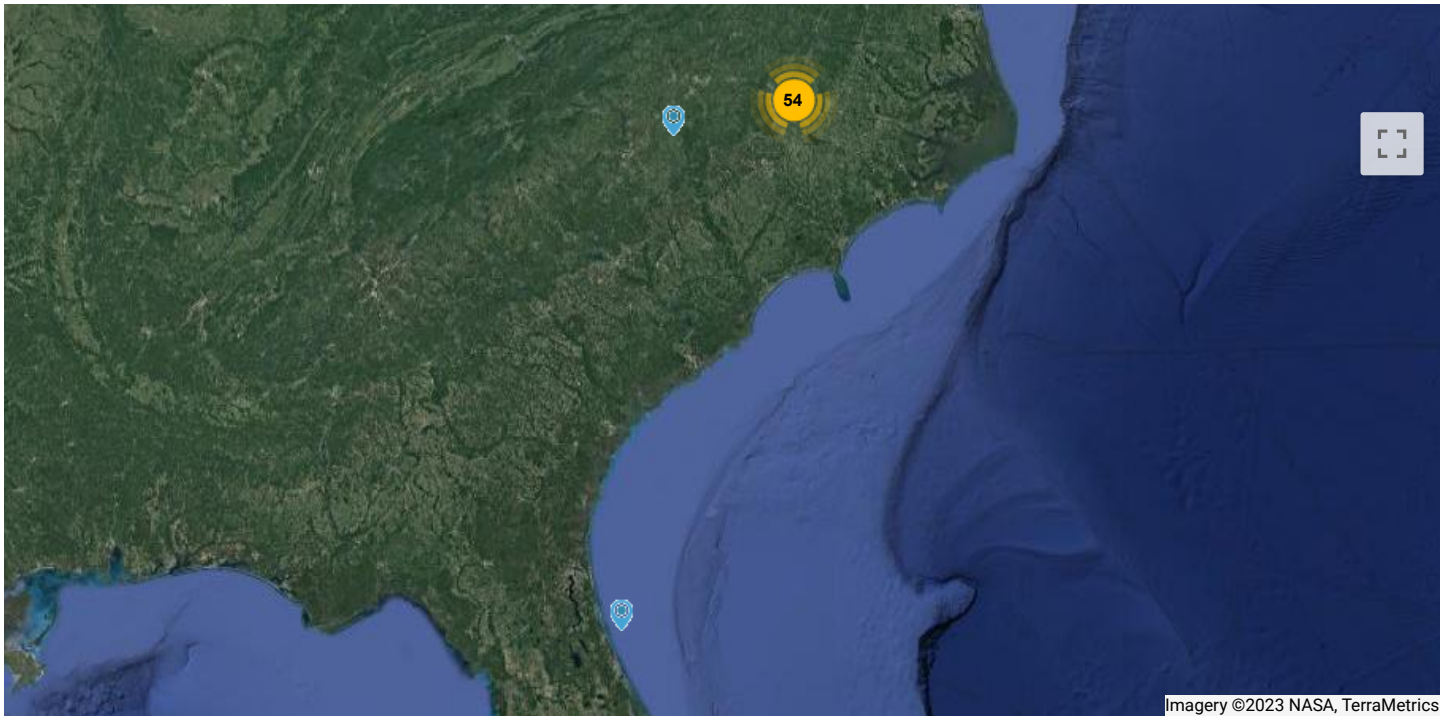
4 Agree

Leave space for quiet, passive enjoyment. Every inch doesn't need to be activated, that can be overstimulating for many of us.

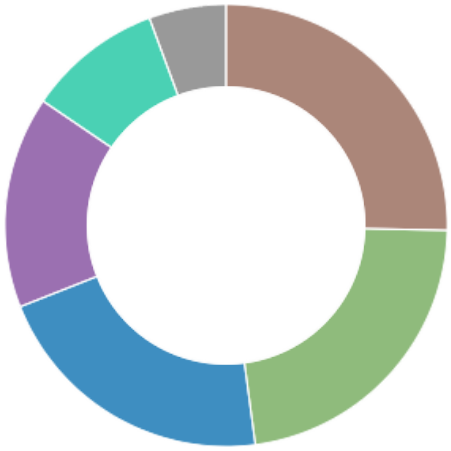
one month ago

4 Agree

Where do you live? Move the circle to show the general area by dragging the map.



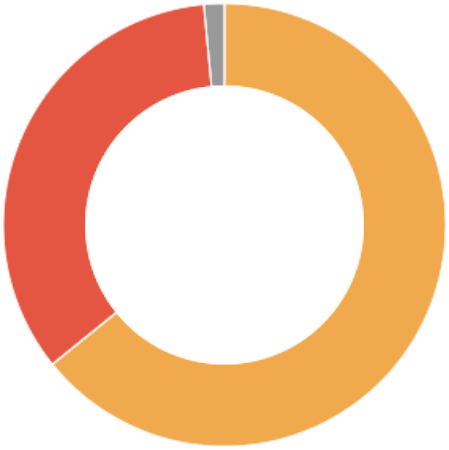
What is your age?



25 % **26-35**
23 % **36-45**
21 % **46-55**
15 % **56-65**
10 % **66-75**
6% **Others**

71 respondents

Which of the following best describes your gender?



64 % **Female**
34 % **Male**
1% **Others**

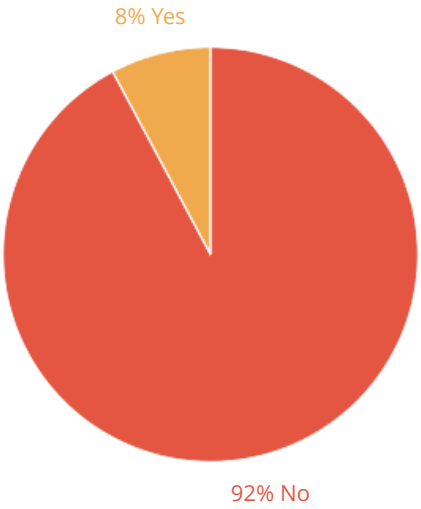
67 respondents

Which of the following best describes your race?

78%	White or Caucasian	50 ✓
9%	Black or African American	6 ✓
6%	Other	4 ✓
5%	Multi-racial	3 ✓
3%	Asian	2 ✓
0%	Native Hawaiian or Other Pacific Islander	0 ✓
0%	Native American or Alaska Native	0 ✓

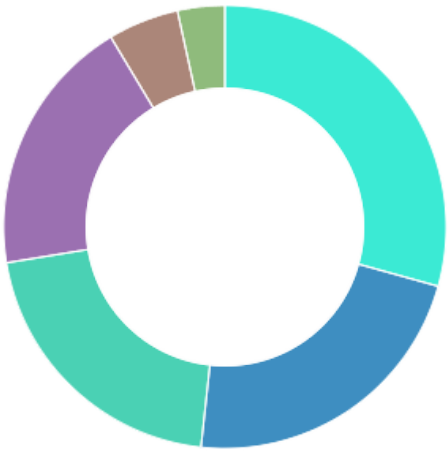
64 Respondents

Are you of Hispanic, Spanish, or Latino/a/e ethnicity?



64 respondents

What is your approximate household income?



29% $118,000 or greater
22% $47,000 - $69,999
21% $94,000 - $117,999
19% $70,000 - $93,999
5% $20,000 - $30,999
3% $31,000 - $46,999
0% Others

58 respondents

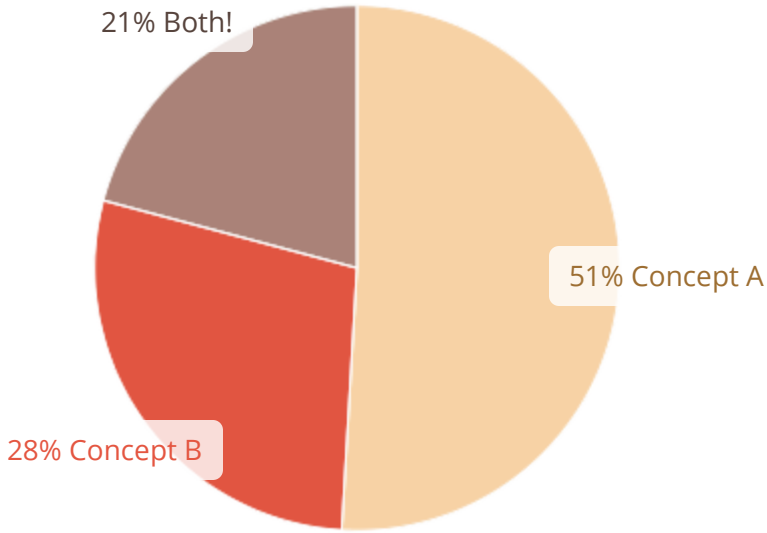
* What is your ZIP code?

Design Alternatives Survey Results

Project Engagement

VIEWS	PARTICIPANTS	RESPONSES	COMMENTS	SUBSCRIBERS
567	166	1,518	119	22

Overall, which Concept Plan do you prefer?



163 respondents

The play elements of Concept B (nature play and basketball court) seems likely to be utilized more than the elements of Concept A (outdoor classroom and community garden). An outdoor forest from A, though, sounds unique and I would be interested to see if it could still be incorporated somewhere in the final design.

4 months ago

6 Agree

I am not a fan of having basketball courts. We have had issues with it in the neighborhoods near were this park is going in.

4 months ago

3 Agree

What type of issues have you had?

4 months ago

Wondering what happened to the more “alternative” playground ideas rather than the traditional playground equipment.

4 months ago

3 Agree

I like there is more play for kids in option B

4 months ago

3 Agree

This needs to be more tied to nature. There are sports parks within two miles of proposed Kyle park. No more sports parks.

4 months ago

2 Agree

I'm on Windlass Court, immediately adjacent to the park. Most elements of Concept B are preferable, however, I can actually see the potential for lots of problems with a basketball court. Since this park focuses on preservation of the wetland, for example, I don't see why there wouldn't be more nature/adventure play similar to that found somewhere like Prairie Ridge ecostation, for example--maybe something that can grow with kids developmentally. Love the nature play, love the adventure play, LOVE the stream access!!! Agree with another comment that says incorporating the food forest would be really unique if that can be incorporated in Concept B's design, as well as the secondary stream access point. Outdoor classroom will be grossly underutilized/wasted space (and that's coming from a nature focused homeschooling parent here)!

4 months ago

2 Agree

Nature play area would be perfect

4 months ago

This space was made for Concept A with it's natural possibilities, wetlands and a nature boardwalk. We have plenty of parks in Raleigh already with basketball courts (indoor and outdoor) and playing fields; why not do something different with this relatively small space. Let's keeping it a peaceful community park, for all to enjoy.

4 months ago

1 Agree

This park is made for Concept A. A natural beautiful relaxing park. We have plenty of play parks in Raleigh, with basketball courts and baseball fields, why not have, a peaceful place to enjoy nature. I just can't visualize a noisey basketball court in this space. Lets keep it natural and educational.

4 months ago

1 Agree

We wonder about what illicit activity might be encouraged with the basketball court but would the community be engaged enough to tend the garden? Decisions, decisions!

4 months ago

1 Agree

Love the community garden idea!!

4 months ago

1 Agree

Please add sidewalks down Kyle. Too many folks bike or walk but the road is not supportive of walking or biking to connect nearby neighborhoods on the north end of Kyle.

4 months ago

1 Agree

I prefer B which allows for more play than work. The concept of a community garden suggests oversight and management than having fun options which should require a lot less maintenance.

4 months ago

1 Agree

Concept A

4 months ago

1 Agree

Looking forward to this place!!!

4 months ago

1 Agree

Wish there was a way to take features out of both plans to create a 3rd one by the citizens.

4 months ago

1 Agree

Excited for the park! That area is prone to pretty bad flooding, but assume that is being considered in the plan.

4 months ago

1 Agree

Definitely no basketball courts!

4 months ago

1 Agree

I love the different styles of playgrounds for kids in concept B, but the food garden in concept A is a fantastic idea. I also think the art boardwalk is a great way to sponsor local artists if you have different designs going along the different pathways. Integrating it into the trails is also a very unique idea. Overall I think concept A is better, but combining some parts of concept B would really make a fantastic park.

4 months ago

1 Agree

They both seem so great! Concept B seems more inclusive to children at play and seems exciting to be able to walk above the wetlands to that extent.

4 months ago

1 Agree

I like A but also would like the food forest from B. It will also bring more wild life.

4 months ago

1 Agree

Concept A seems more natural, has the neat boomerang boardwalk (seems longer and more interesting than the boardwalk on concept b) but also has "art" included and more access to the stream. Though I agree with others that the nature play and basketball options could replace the community garden. In some ways, they both preserve the main space for nature and it is really tweaking whether community or basketball. Basketball courts don't have to conflict with the natural feel of the rest depending on the terrain (ala Fred Fletcher park where you have the park areas and then the courts with enough distance that they both work). One doesn't want to walk on the boardwalk and just hear basketball sounds in the basketball courts. Can't speak to safety and again, as a nature lover and as a park not far from where I live, this would be such a neat place to visit!

4 months ago

1 Agree

The elements of concept A is outstanding! It brings the concept of still being naturally inclined with an area for leisure to appreciate nature!!

4 months ago

1 Agree

Don't like the basketball court idea, the city has removed all or most of them from all city parks for a reason. The art along the trail will be damaged in a few months as unattended children will be climbing on them and/or damaging items not scene from the roadway or main park area. Don't want areas where people will congregate at night or create a disturbance too residence in the area.

4 months ago

1 Agree

I love the community garden and food forest with A, but I love the adventure play idea with B more! There is nothing like that in this area of Raleigh and it sounds awesome! Having an outdoor classroom implies, to me, that this park would be hosting events...parking lot seems small to be able to incorporate organized events and open use simultaneously. Also curious if a sidewalk would be installed the length of Kyle Drive (from 401 to Valley Stream). Our family could walk to the park if there was a sidewalk the entirety of Kyle Drive.

4 months ago

1 Agree

The concept with the community garden and edible plants along a nature trail is inspired. It's good for the community and for nature education.

4 months ago

1 Agree

I like that plan A is education focused through nature.

4 months ago

1 Agree

Love the boomerang board walk, adventure nature play, two steam accesses,and the food forest

4 months ago

1 Agree

I choose A. Love the concept of education

4 months ago

1 Agree

Agree with others. Both are great. But I like concept alternative A for the following reasons:
- two stream access points
- the parking lot plan
- community garden
- the idea of the food forest
- boomerang style boardwalk with art
- outdoor classroom

4 months ago

1 Agree

Both are great - prefer A for the community garden and the style of boardwalk.

4 months ago

1 Agree

I am retired so would get more out of concept A.

4 months ago

1 Agree

Concept A provides something unique for the area with the nice boomerang and art. The garden. The natural walking trail plus the parking lot is easier to maneuver.

4 months ago

Definitely prefer concept A. We need more park space that is nature or agriculturally focused, not a playground and basketball courts that will be loud and deter wildlife.

4 months ago

Seems more nature involved

4 months ago

Very good plan to promote activities for all ages. However, I do Not want a basketball court! Trouble seems to follow late night games. Please include dog stations along the walking trails.

4 months ago

We have so many traditional parks
The agricultural theme is fresh and not many if any other parks have it

4 months ago

Growing up in that neighborhood, I know the value of adding play options for kids, due to the lack thereof in that area. Is there not a way to combine the two concepts? The traditional play offers safer/comfortable options for families, the adventure and nature play offer unique integration to appreciate our environment while still allowing kids to enjoy. The community garden offers a way to unite the local neighborhoods. Is there a planning committee putting together regularly scheduled gardening days? What does that staffing and maintenance look like? Will this garden be kept, or will it become an eyesore? The educational signage is always welcome, and offers yet another way for families to do an activity together away from a screen. The boomerang boardwalk is a personal preference, that would allow a resting space, or an observation space. It looks like you may just need to add in the adventure and nature play to concept A. I believe there are other local basketball courts (spring forest) that may accommodate those patrons. The playground at Spring Forest park is overcrowded and inefficient for various age groups and ability groups, therefore the variety of play areas at Kyle Drive will be very beneficial to all.

4 months ago

I like concept A because it provides an example of how to grow healthy food options.

4 months ago

Basketball courts aren't necessarily a good idea. Maybe pickleball or other sport option could work well.

4 months ago

Would love to see mountain bike trails!

4 months ago

More opportunities for interaction in and with nature. Seems to preserve more of a natural state of the land there.

4 months ago

Both are great, I just like to play basketball!

4 months ago

I prefer the boomerang boardwalk, but most of the rest I prefer from option b: play area and natural play/adventure play areas instead of the outdoor classroom.

4 months ago

I like the community garden.

4 months ago

There are wonderful features in both that could be incorporated into the final Master Plan. I prefer B's circular path and play areas but think the food forest and classroom would be missed from Plan A's proposal.

4 months ago

Love a playground

4 months ago

Community garden sounds great!

4 months ago

I like concept B

4 months ago

B

4 months ago

Concept A is great except the in and out. That area is already congested with the light and Kyle Dr. and Valley Stream being cut throughs. People from the Apt's across the street also park on the street there. During rush out it'll be a problem getting in and out

4 months ago

Concept A with the community garden. I would also like to incorporate the food forest. If bee hives were also incorporated, they would be able to pollinate the gardens. Play structures are a most as well as an educational area. This is a wonderful movement that the city could utilize in many aspects for both our youth and people of all ages. Education needs to be learned outside and alternate forms of utilizing our space in our community.

4 months ago

How wonderfully exciting both design concepts are but Concept B seems so inclusive and awesome to walk amongst the wetlands to that degree.

4 months ago

B as keep everything as natural as possible

4 months ago

Both are nice, but I believe the basketball area in concept B will bring more value to the park and engage the youth. We need basketball courts close to our community especially since our HOA does not allow basketball hoops. Also this space can be used for other activities like jumping rope, playing catch etc. I do prefer the boomerang feature of option A since it provides space for artwork, a lookout point, and still provides a 1/2 mile loop. However, it does enclose the part and doesn't allow for visitors to cross over the wetland area. Possibly adding a small boomerang feature along the outer boardwalk would allow for artwork, a lookout point, and allow visitors to crossover the wetland. I do like the food forest options of plan A, possibly having some adventure play and some food forest within the inner loop would bring more balance to the space and help keep the natural wildlife active within the area. I caution against having food for people to eat as the park will have minimal control over the potential exposure to herbicides and visitors will not be able to rinse food off before consuming.

4 months ago

I live in Windmere and his option offers more opportunities to engage kids and parents in fun activities. He's Weber, given two popularity ratings think a dual tennis/pickleball court would be nice alth The guys I also like the basketball court. Also, my concern with option A is that community gardens often are not well tended and end up being an eye sore. While it's nice in concept, it's think the components in option be will be more widely used and is inclusive of all ages by including things that young kids, teens, and older adults can enjoy.

4 months ago

So much wildlife habitat has been eliminated in Raleigh in recent years, I would love to see Concept A benefit flora and fauna. There are other spaces for people to play sports. Concept A sounds like a nice leisurely design.

4 months ago

Community garden and greenway!

4 months ago

Love that concept A allows for more outdoor education opportunities for kids, not just play value. Education about our environment and natural spaces is becoming ever more relevant and important.

4 months ago

Some elements appear in both Concept Plans. Which element do you like best?

Stream Access	50% Concept A	16% Concept B	34% Both	- Neither
Nature Play	38% Concept A	37% Concept B	25% Both	- Neither
Traditional Play	28% Concept A	38% Concept B	22% Both	12% Neither
10' Greenway Trail & 8' Path	37% Concept A	21% Concept B	42% Both	- Neither
Unpaved Nature Trails	34% Concept A	16% Concept B	45% Both	5% Neither
Wetland Education Signage	40% Concept A	16% Concept B	43% Both	1% Neither
Green Stormwater Infrastructure	39% Concept A	16% Concept B	45% Both	- Neither
Restrooms	32% Concept A	20% Concept B	46% Both	1% Neither

94 respondents

The GSI looks more appealing in concept A. The play is most important, therefore I would like to see both traditional and nature/adventure play.

4 months ago

1 Agree

Make sure there's plenty of picnic tables and benches please

4 months ago

1 Agree

Make sure the paths are handicap accessible by those with ambulatory or wheel chair concerns. It would be good if signage included Mayer-Johnson Picture symbols for those with disabilities.

4 months ago

1 Agree

Volunteer sign ups would be a great way to make our folks in the community get involved.

4 months ago

1 Agree

I think unpaved nature trails are important to the feel of being in nature. I also really like the idea of the adventure playground, but didn't see it as a poll option.

4 months ago

1 Agree

Please incorporate the unpaved path in Design B that connects Windsprint Way with the upper left portion of the park. This will be helpful for those of us walking from the south to more quickly access the traditional playground.

4 months ago

1 Agree

A y B están perfectas

4 months ago

I didn't see the wetland signage in plan B

4 months ago

Awesome.

4 months ago

Nature, not basketball

4 months ago

Hezekiah Goodson Jr

4 months ago

Nature play is my favorite

4 months ago

Great plans ahead.

4 months ago

Looking forward.

4 months ago

Looking forward to change

4 months ago

Outdoor education and food resources is detrimental for all of our futures. The more resources we have available, the more valued we all feel as a community together.

4 months ago

Natural is beautiful and why we bought our home here. Basketball courts can invite trouble and have in this area in the past.

4 months ago

love 2 stream access points in concept a! other than that most elements from concept b are preferable. would love to see the food forest added to b and more nature and adventure play!

4 months ago

Less traditional style playgrounds-

4 months ago

Which unique elements, from either concept, do you want to see in the final plan?

64%	Community Garden	Rank: 3.19	42 ✓
61%	Food Forest	Rank: 3.27	40 ✓
62%	Boomerang Boardwalk	Rank: 3.41	41 ✓
68%	Adventure Play	Rank: 3.47	45 ✓
56%	Art along Trail	Rank: 4.32	37 ✓
59%	Outerloop Boardwalk	Rank: 4.36	39 ✓
58%	Art on Boardwalk	Rank: 4.79	38 ✓

61%	Outdoor Classroom	Rank: 5.58	40 ✓
52%	Basketball Court	Rank: 5.65	34 ✓

66 Respondents

Bike parking for local neighborhoods and safe ways to get there! Kyle drive needs more sidewalks or needs widening.

4 months ago

1 Agree

Adventure play and the boomerang boardwalk

4 months ago

1 Agree

Adventure play, nature play, multiple stream access sites, food forest, outerloop boardwalk

4 months ago

1 Agree

Bench swings on boardwalk and educational displays w/ binoculars are better fit for landscape than art on the boardwalk...

Food forest suggestions- prioritizing native varieties: elderberry, persimmon, pawpaw, mulberry, sassafras, honeysuckle, blueberry, pecans, muscadine grapes ...would carolina rice grow in the wetlands area?

4 months ago

Adventure Play, Boomerang Boardwalk with art, Food Forest, and community garden.

4 months ago

Education and healthy food options are the best qualities of concept A

4 months ago

There are a couple parks close by that have courts and fields, plenty for sports. I think option A would be refreshing and helpful for the community to learn about growing your own fruits and veggies and also benefit from it!

4 months ago

Natural. No courts please.

4 months ago

I like the rankings.

4 months ago

Let's keep it natural, no basketball ball courts!

4 months ago

Community garden.

4 months ago

Art on boardwalk

4 months ago

Fun for small children

4 months ago

The order in which I placed my votes I feel would be the most beneficial to our community.

4 months ago

This would be a beneficial lineup that I have provided.

4 months ago

4 months ago

I think the art is a super important part that can be added into the park, along with the food forest and community garden which encourage conservation from a young age.

4 months ago

.

4 months ago

Do you have any additional comments for the design team? Share them here!

Swings are a priority. When kids go to parks and there are no swings, the mood changes

4 months ago

7 Agree

could there be alternate swing options like tree swings and rope swings and hammocks and the like?!?!

4 months ago

5 Agree

I agree that swings are a must. A few parks only offer a single saucer swing (like at River Bend Park) which only allows one family to use it at a time which is disappointing. I would love some swings incorporated both at the traditional playground and adventure play.

4 months ago

1 Agree

swings are fun for adults too and alternative swings could be spread out throughout the park like Anderson Point Park

4 months ago

slides at downtown cary park are numerous and amazing and incorporate climbing features to get there (all the best parks are so far from this area)! incorporating nature into the design like tree swings, and slack lines, and rope swings and hammocks and the like would be fun and unique!

4 months ago

3 Agree

I couldn't agree more! The unique City of Raleigh parks (Laurel Hills/Sassafras, future Gipson Play Plaza at Dix, Chavis Memorial, Pullen Park) are all 15+ minute drive from this part of Raleigh. I really hope we can get some special play features incorporated in the woods (tree swings, slides, treehouse building, etc.!) that young and older kids would enjoy and would come with natural shading during the summertime.

4 months ago

1 Agree

I am sure kids would love to play on slides and swings in addition to climbing features for the adventure play! Along the boardwalk/trail, it would be nice to have a bench/porch swing (in addition to normal benches) to relax and enjoy the scenery.

4 months ago

3 Agree

I think bike parking would be helpful and shady areas for our hot summers

4 months ago

2 Agree

I think the shelter will be utilized heavily for birthday parties and neighborhood events, especially on the weekend. The Winchester neighborhood likes to host community events but our covered pavilion with picnic tables is only available during pool season / summer. We are resorting to using someone's garage for hosting a Valentine card making event next month. It would be awesome to be able to reserve a shelter at the park for community events occurring outside summer. It is hard to tell the proposed size in the design, but I think it's important that the shelter be a decent size and be able to accommodate at least two groups simultaneously.

4 months ago

2 Agree

In general, I think the elements in Design B have broader appeal than Design A. In particular, I think the food forest over the outdoor classroom, and having a basketball court as well as playgrounds, will make the park fun for all ages.

4 months ago

2 Agree

Can we have a section where kids can showcase their art, skills and maybe, permanently?

4 months ago

1 Agree

Please make sure you have staff to clean the bathrooms weekly or do not have them at all.

4 months ago

1 Agree

Let's build this! 💪

4 months ago

1 Agree

Sidewalks are a must! Keeping this park clean, manicured, and orderly is also a must!

4 months ago

No

4 months ago

Would just like to see a nice peaceful park that children and adults, ,can enjoy, without basketball.

4 months ago

None

4 months ago

Is there a link that shows all the results of the first survey? I seem to remember lots more options and I am just interested to know what all the people said.

4 months ago

Play structures for kids with ohysical handicaps

4 months ago

No

4 months ago

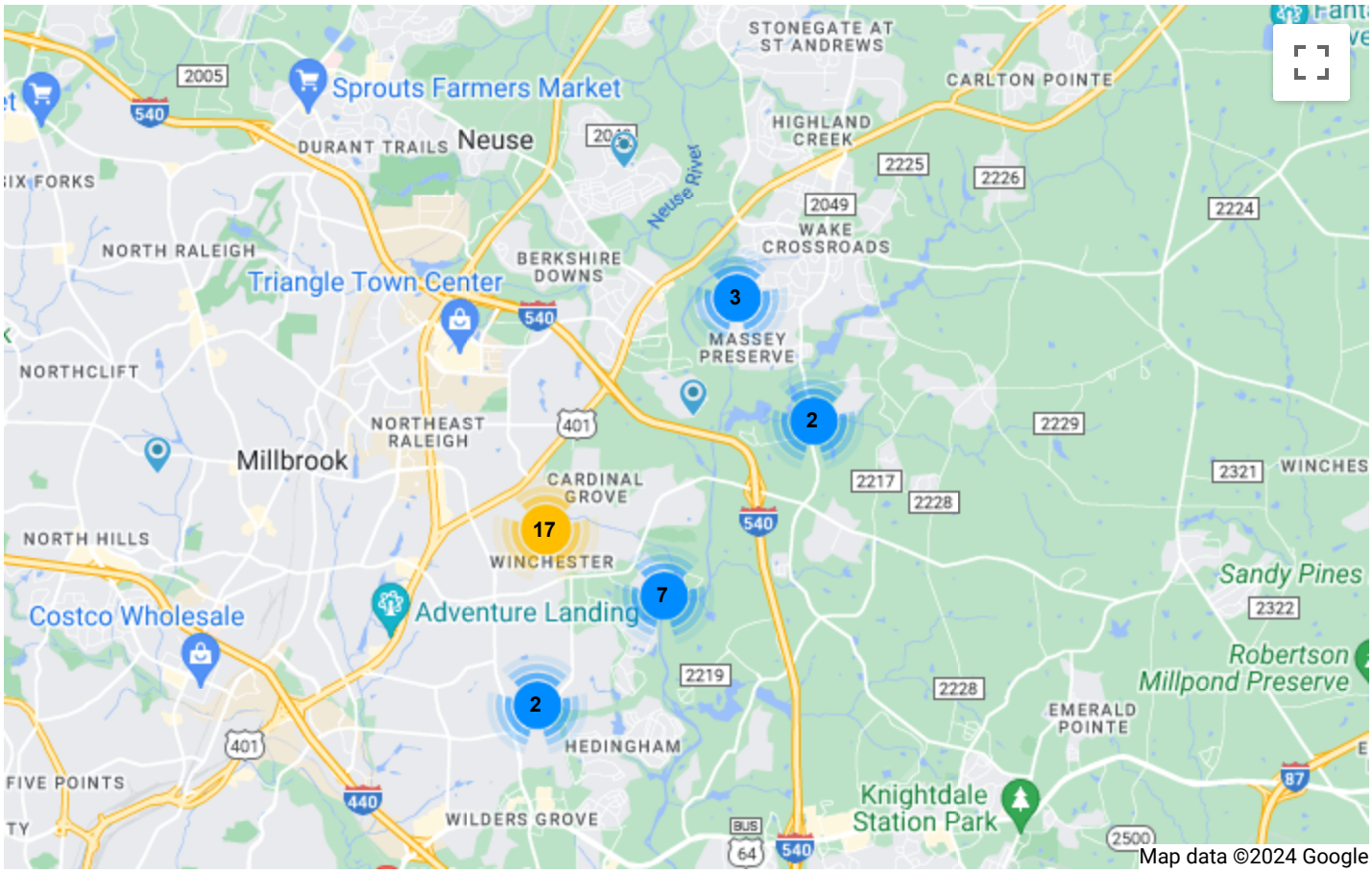
Hammock like they have at Dorothea Dix park.

4 months ago

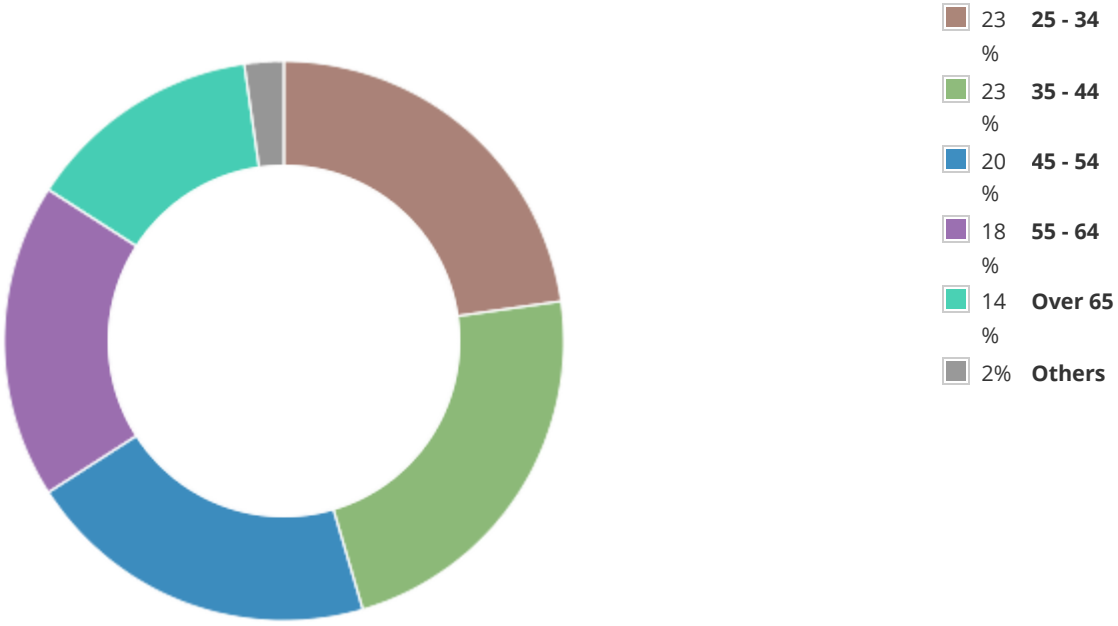
Just want to make sure the design team is aware of the shooting range on someone's property on Kyle drive—it seems like it might be very close and obviously worry about stray bullets in addition to it being a terrible nuisance and source of fear/anxiety!

4 months ago

Where do you live?

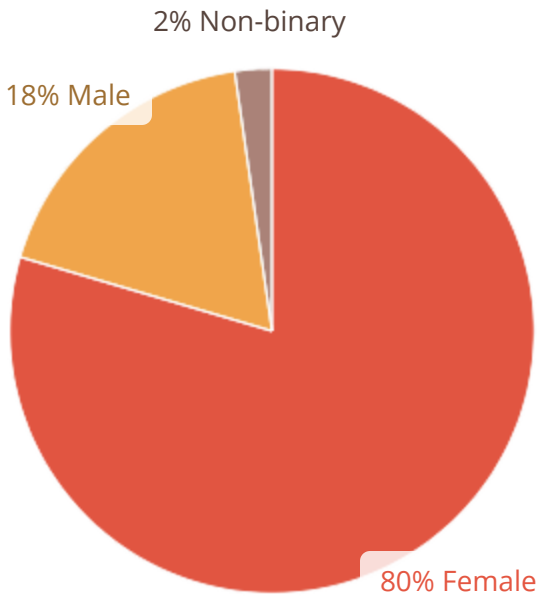


What is your age?



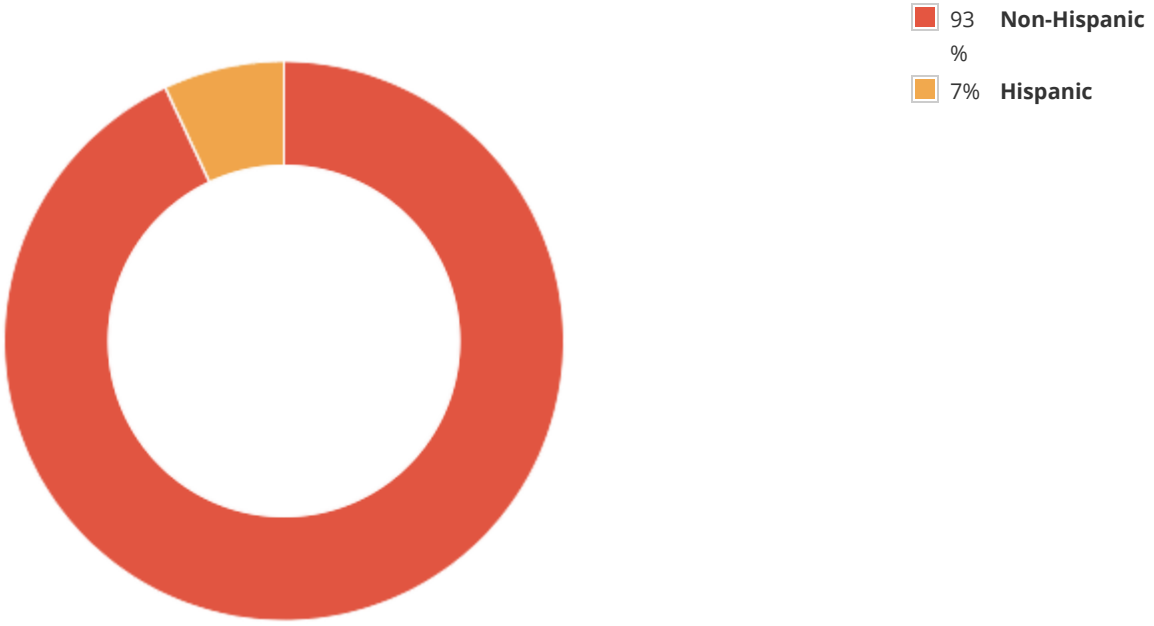
44 respondents

What is your gender identity?



44 respondents

What is your ethnic identification?



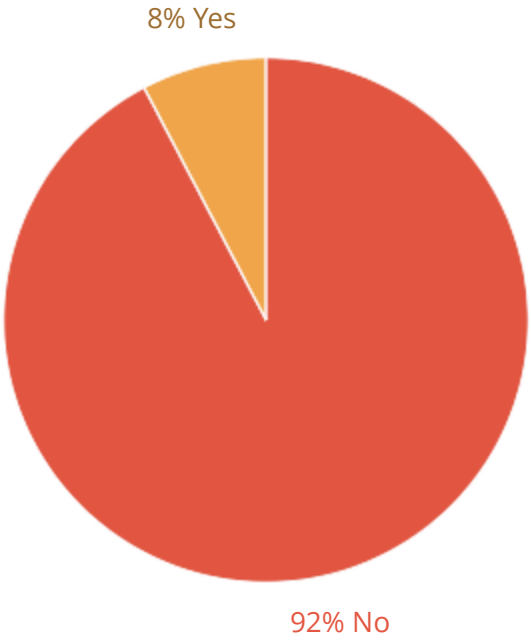
43 respondents

What is your racial identity? (Please select all that apply.)

83%	White	34 ✓
7%	Asian	3 ✓
7%	Black/African American	3 ✓
7%	Latino/a/e/x	3 ✓
2%	Native Hawaiian/Pacific Islander	1 ✓
0%	American Indian/Alaskan Native	0 ✓

41 Respondents

Do you identify as person with a disability?



39 respondents

Do you rent or own your home?

82%	Own	31 ✓
16%	Rent	6 ✓
3%	Neither	1 ✓

38 Respondents

I speak English as my first language.

98%	Yes	39 ✓
3%	No	1 ✓

40 Respondents

Loading more report objects...

Kyle Drive Park Draft Concept Plan Survey

Edit

Project Engagement

VIEWS	PARTICIPANTS	RESPONSES	COMMENTS	SUBSCRIBERS
193	68	855	32	10

Do you support the proposed design?

Do you support the draft concept plan?	4% Strongly Unsupportive	7% Unsupportive	30% Supportive	60% Strongly Supportive

57 respondents

Do you have any additional comments for the design team?

Love the design!! I think the art is super cool and all of the nature elements are great.

one month ago

More paved pathways and boardwalks would be good for safety and pets. Also street lights would be nice to have for walking in the evening.

one month ago

I love the art along the trails and boardwalks, it adds a nice scenery and pleasant atmosphere for families to enjoy. I hope there's an abundance of it around the park

one month ago

tennis courts (clay or hard court) would be a welcomed addition.

one month ago

Every park should have a small and large dog park area.

one month ago

Especially like pavers for parking lot to avoid impermeable surface

one month ago

This seems well thought out to provide both play and nature interactions

one month ago

I would highly recommend adding a bus stop at the park for easier access to it

one month ago

Thoughts on keeping the trails through the food forest safe?

one month ago

Not sure if there is quite enough parking

one month ago

Food kiosks, more sport courts

one month ago

Please have shade covers for the playground area.

one month ago

Fascinating! A beautiful balance between nature and artistic infrastructure.

one month ago

Would like to have doggy bag stations and signs letting people know they need to keep their dogs leashed.

one month ago

Disc golf baskets please :) or a mini course

one month ago

I appreciate the lean towards natural areas and green stormwater infrastructure with a nod to traditional playgrounds and basketball courts. It will result in a wonderful largely natural park and yet with opportunities for community gathering.

one month ago

dont destory all the trees and make a dog park as well. alot of people walk their dogs here and having a little meet up spot will greatly help to

one month ago

Less pavement, more natural/dirt trails.

one month ago

Incorporating native trees and plants. Planting piedmont prairie/native pollinator gardens around playground areas/educational areas. Adding wildlife habitats such as bird boxes and educational events including birdwatching/seasonal counts/tree ID walks. Add meditation garden space or replace basketball court with meditation/yoga garden available for group yoga/tai chi classes. Love edible garden/food Forest idea and personally I would expand that and eliminate basketball court all together

one month ago

This plan seems to ignore community feedback from the prior survey. When asked to rank individual elements we want to see in the final plan, art on boardwalk, outdoor classroom, and basketball court had the 3 lowest average rankings, yet they are all included while the garden and adventure play which were the highest and 4th highest (out of 9) are missing. Play areas in addition to trails were identified as the top priorities yet there is no adventure play in the forest (instead the City is proposing an outdoor classroom that was ranked #8) and the traditional playground seems to have shrunk in size, in part to accommodate a basketball court that few people actually want as evidenced by 1) it being the very lowest ranked item, 2) multiple people commenting they do not want a court, and 3) very few comments actually requesting a court.

2 months ago

No. Is this the survey?

2 months ago

How do you plan to activate the park? how do you plan to plan events to bring people to the park

2 months ago

I'm concerned about the size of the traditional playground. It appears to be smaller than the original concept designs which would be a shame considering the number of households (with more apartments planned off Kyle Drive) surrounding this park.

2 months ago

Must have sidewalks both sides of Kyle drive all the way to adjoining neighborhoods!Imperative!!

2 months ago

I wish that my vote/input was weighted a bit heavier as a property owner immediately adjacent to the park (and resident of this neighborhood for more than 20 years)—I'm also a social worker and gang specialist which is why I bought my home here as a graduate student! I fear that comments from anyone willing to participate from other parts of the city are being given the same consideration and I fear that there will be many more problems than are being considered! Have police records been pulled from this area over a certain time?! Basketball will be a problem in this area. Also, the private gun range on Kyle drive that operates day and night will likely lead to many police calls unless this is already being addressed as part of the plan. As mentioned before, we have plenty of traditional playgrounds in and around this area. What is strongly lacking is nature play so would love to see that option enhanced further and include as many water access points for water play as possible. I worry that the art will be vandalized and also just not appreciated!

2 months ago

It appears the only way to access the stream is by walking through the nature playground. That could make the playground area congested. Please consider an alternate access route.

2 months ago

We are afraid that the basketball court will turn I to a drug area

2 months ago

Concerned that the disturbance to existing wildlife is minimized

2 months ago

The boomerang boardwalk is brilliant! What a unique vision!

2 months ago

I would love to see even more creative play installation for hide and seek - something multilevel. Or something that acts as a "playhouse" - even if it's a fake log. The kompan system appears to have some options in the photos.

2 months ago

Can we consider sensory play for children that may need it? Also a music station? Holding Park in Wake forest is a good example, this would be a new feature in the area.

2 months ago

This project will include two new playgrounds, including a traditional playground and a nature playground. What type of **traditional** playground equipment do you like most?

80%	Sliding	43 ✓
76%	Climbing	41 ✓
72%	Swinging	39 ✓
50%	Learning	27 ✓
30%	Spinning	16 ✓

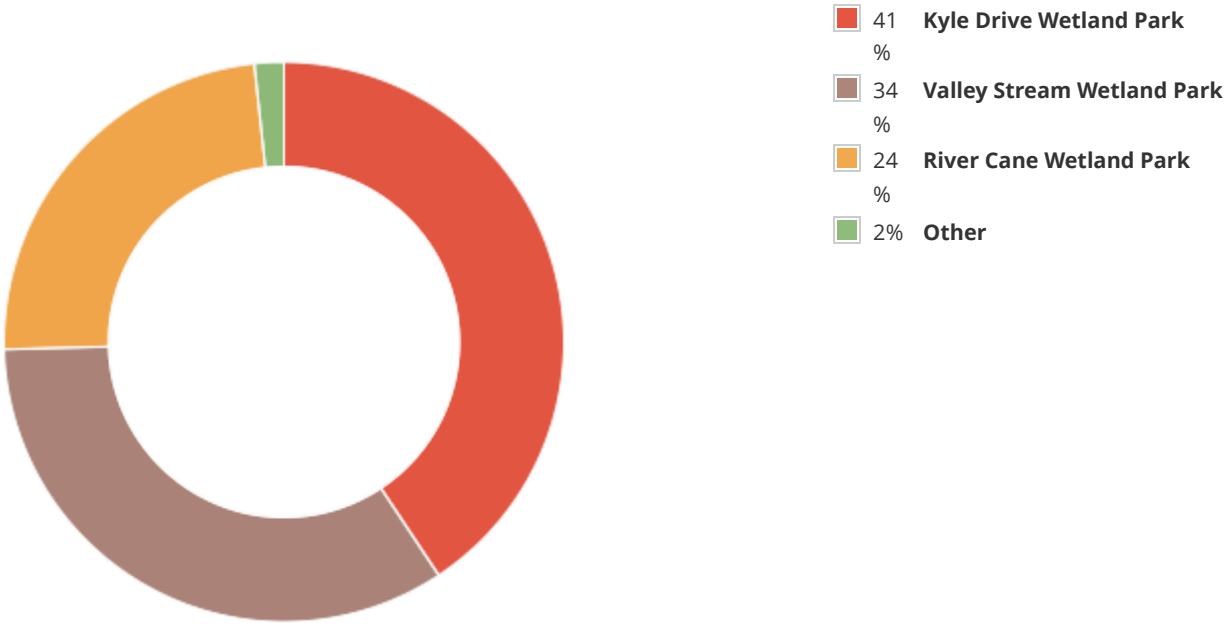
54 Respondents

This project will include two new playgrounds, including a traditional playground and a nature playground. What type of **nature** playground equipment do you like most?

74%	Climbing	40 ✓
72%	Balancing	39 ✓
63%	Swinging	34 ✓
61%	Sliding	33 ✓
57%	Stepping	31 ✓

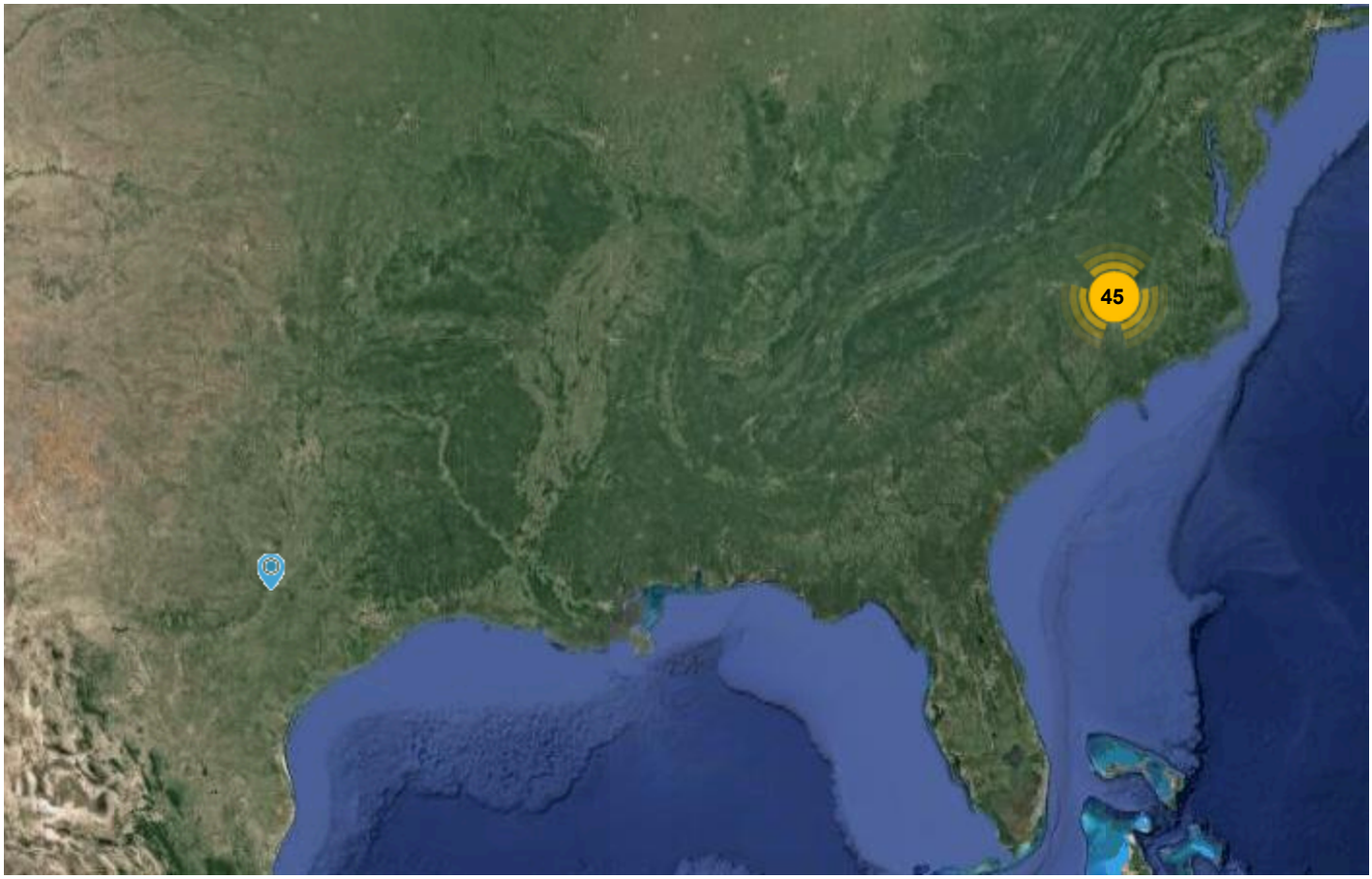
54 Respondents

This project will include choosing a new name for the park. Which park name do you like the most?



59 respondents

Where do you live? Move the circle to show the general area by dragging the map.

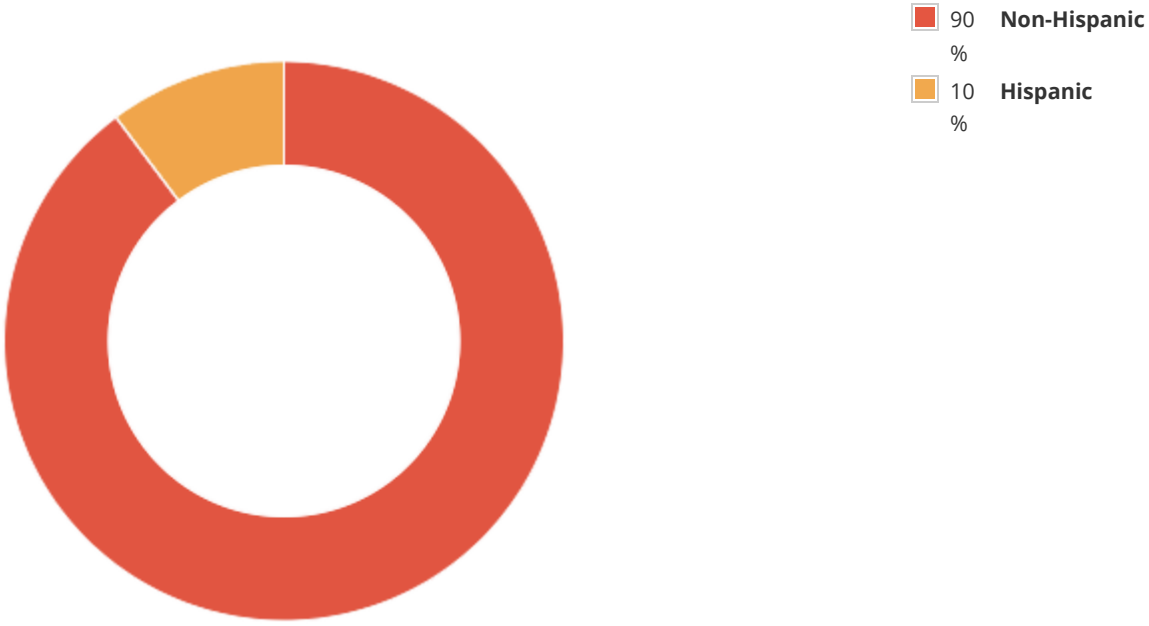


What is your racial identity? (Please select all that apply.)

79%	White	31 ✓
10%	Black/African American	4 ✓
8%	Asian	3 ✓
5%	Latino/a/e/x	2 ✓
0%	American Indian/Alaskan Native	0 ✓
0%	Native Hawaiian/Pacific Islander	0 ✓

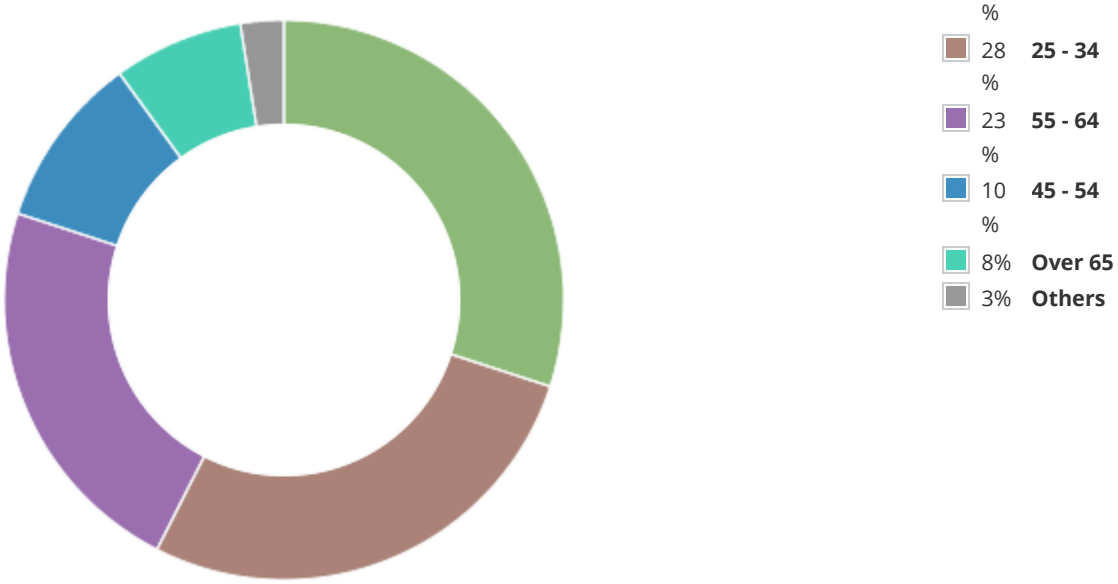
39 Respondents

What is your ethnic identification?



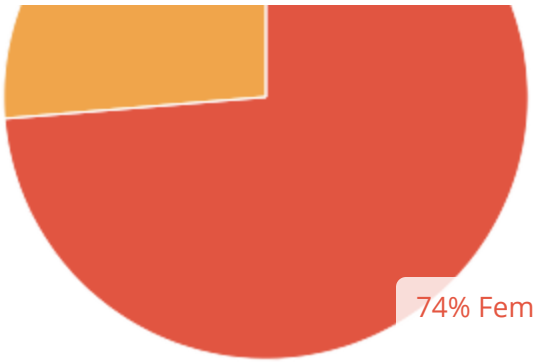
39 respondents

What is your age?



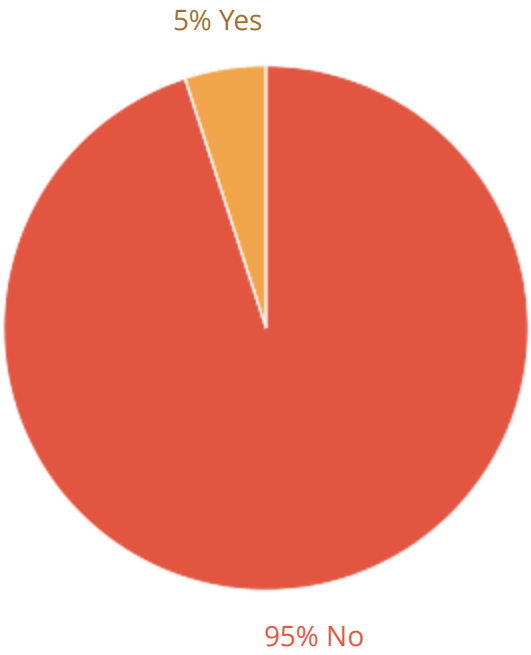
40 respondents

What is your gender identity?



38 respondents

Do you identify as person with a disability?



40 respondents

Do you rent or own your home?

88%	Own	35 ✓
13%	Rent	5 ✓
0%	Neither	0 ✓

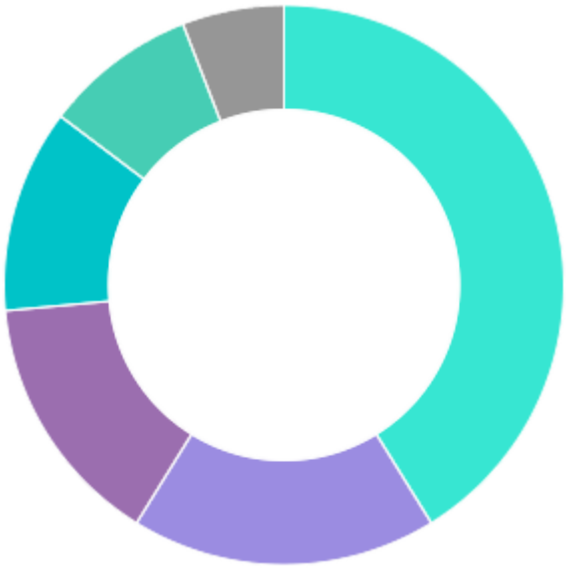
40 Respondents

I speak English as my first language.

100%	Yes	39 ✓
0%	No	0 ✓

39 Respondents

What is your approximate household income?



- 41% **$100,000 to $149,999**
- 18% **$150,000 to $199,999**
- 15% **$50,000 to $74,999**
- 12% **$200,000 or more**
- 9% **$75,000 to $99,999**
- 6% **Others**

34 respondents

How did you hear about this survey?

26%	City of Raleigh website	10 ✓
21%	Social media	8 ✓
15%	Email	6 ✓
15%	By mail / postcard	6 ✓
15%	Word of mouth	6 ✓
8%	Yard sign	3 ✓
3%	Handout / doorhanger	1 ✓

39 Respondents

Loading more report objects...

APPENDIX I: OPINION OF PROBABLE COST

PROJECT NAME: Kyle Drive Park Master Plan
WR PROJECT NO.: 23-0024-003
DATE: June 20, 2024
PROJECT PHASE: Master Plan ($8.9M budget)

OPINION OF PROBABLE COST

Item No.	Item	Quantity	Unit	Unit Cost	Subtotal	Description
A	**Start-Up and Site Work**					
1.	Staking and Layout	1	ls	$40,000.00	$40,000.00	
2.	Clearing and grubbing	7.5	ac	$13,000.00	$97,500.00	
3.	Grading	7.5	ac	$11,500.00	$86,250.00	
4.	Segmental Unit Retaining Wall	170	ff	$35.00	$5,960.50	
5.	Erosion Control Allowance	1	ls	$40,000.00	$40,000.00	Const.entrance, concrt washout, tpf/silt fence, basin, ditch
6.	Temp stream crossing	1,000	sf	$20.00	$20,000.00	
7.	Trash cleanup/disposal	1	ls	$5,000.00	$5,000.00	
	Subtotal				**$294,710.50**	
	Utilities					
1.	12" Water Main	300	lf	$440.00	$132,000.00	Per Courtney Lacatta email (if we are first)
2.	2" Water Service (PVC)	500	lf	$25.00	$12,500.00	
3.	Tapping Sleeve & Valve	1	ea	$1,200.00	$1,200.00	
4.	Backflow	1	ls	$8,500.00	$8,500.00	Per CoR Development Fee Guide
5.	2" Water Meter	1	ls	$1,000.00	$1,000.00	Per CoR Development Fee Guide
6.	Fire Hydrant & valve	1	ls	$5,000.00	$5,000.00	
7.	6" Fire Line	500	lf	$51.00	$25,500.00	Per CoR Development Fee Guide
8.	6" PVC Sewer (gravity service)	400	lf	$30.00	$12,000.00	
9.	Tie into ex. manhole	1	ls	$2,000.00	$2,000.00	
10.	Misc. Water Utility Allowance	1	ls	$15,000.00	$15,000.00	
11.	Misc. Sewer Utility Allowance	1	ls	$15,000.00	$15,000.00	
12.	Misc. Electrical Utility Allowance	1	ls	$15,000.00	$15,000.00	Future EV charger raceway, shelter outlets/lights, etc.
	Subtotal				**$244,700.00**	
	Stormwater					
1.	Stormwater management devices (allowance)	1	ls	$150,000.00	$150,000.00	2 GSI devices
2.	Misc. Storm and Drainage	1	ls	$50,000.00	$50,000.00	Excludes roadway drainage
3.	Stream Crossing (H5 Loading)	1	ls	$50,000.00	$50,000.00	Culvert
	Subtotal				**$250,000.00**	
	Parking					
1.	Permeable Pavers		sf	$25.00		Parking spaces only
2.	Asphalt Paving - Light Duty (stalls)	590	sq. yard	$55.00	$32,450.00	Parking lot drive aisle
2.	Asphalt Paving - Heavy Duty	1,210	sq. yard	$75.00	$90,750.00	Parking lot drive aisle
3.	Curb and gutter	500	lf	$30.00	$15,000.00	parking area
4.	Wheel stops	30	each	$150.00	$4,500.00	parking area, all ADA parking spaces
5.	Parking striping allowance	1	ls	$6,500.00	$6,500.00	parking area
6.	Parking Signs	6	each	$250.00	$1,500.00	ADA parking signs, EV, Staff, Stop, Fire Lane
7.	EV Charging Station	1	ls	$12,000.00	$12,000.00	Dual head charging station
	Subtotal				**$162,700.00**	
	Road Improvements					
1.	Clearing and Grubbing	0.6	ac	$13,000.00	$7,800.00	
2.	Erosion Control	1,112	lf	$8.50	$9,452.00	
3.	Grading (allowance)	1	ls	$20,000.00	$20,000.00	
4.	10' multi-use path	11,120	sf	$7.00	$77,840.00	Conc. Trail/path
5.	Curb Ramps	3	each	$3,500.00	$10,500.00	
6.	Asphalt Paving - Heavy Duty	724	sq. yard	$75.00	$54,317.25	
7.	Curb and gutter	817	lf	$30.00	$24,510.00	Road frontage
8.	Storm Drain (parallel to road)	1,112	lf	$11.00	$12,232.00	Per CoR Development Fee Guide
9.	Storm Drain (to SCM)	275	lf	$40.00	$11,000.00	Per CoR Development Fee Guide
10.	Catch Basins	1,112	lf	$22.00	$24,464.00	Per CoR Development Fee Guide
11.	Flared End Sections	2	ea	$1,600.00	$3,200.00	Per CoR Development Fee Guide
12.	Street Trees	21	ea	$800.00	$16,800.00	
13.	Turf grass (seed)	7,942	sf	$0.30	$2,382.60	Landscape strip
14.	Traffic Control	1,112	lf	$19.00	$21,128.00	Per CoR Development Fee Guide
15.	Striping	1,112	lf	$4.75	$5,282.00	Per CoR Development Fee Guide
16.	MUTCD Signage	1	ls	$5,000.00	$5,000.00	Ped Crossing
17.	Ped Signal	1	ls	$10,000.00	$10,000.00	
	Subtotal				**$315,907.85**	
B	**Park Improvements**					
	Amenities					
1.	Concrete Paving - Light Duty	7,000	sf	$8.00	$56,000.00	Sidewalk
2.	Asphalt Paving - Greenway	38,000	sf	$6.00	$228,000.00	Greenway trails (assume average of 10' wide)
3.	Natural Surface Trails	7,600	sf	$3.00	$22,800.00	
4.	4' Decorative Aluminum Fencing	300	lf	$50.00	$15,000.00	Traditional playground, nature playground
5.	Decorative Aluminum Fencing, Gate	1	each	$2,000.00	$2,000.00	Traditional playground, nature playground
6.	Boomerang Boardwalk	13,415	sf	$125.00	$1,676,875.00	Timber structure, FRP/composite decking
9.	Signage Allowance	1	ls	$20,000.00	$20,000.00	Directional, educational, park entrance
10.	Landscape (allowance)	1	ls	$75,000.00	$75,000.00	Assume smaller plants at install
11.	Benches	10	each	$1,000.00	$10,000.00	
12.	Picnic Tables	10	each	$1,500.00	$15,000.00	
13.	Trash/recycling cans	8	each	$1,000.00	$8,000.00	
14.	Drinking Fountain w/ Bottle Filler	1	each	$6,500.00	$6,500.00	
15.	Binocular Viewer	2	each	$500.00	$1,000.00	

16.	Boulders	50	each	$250.00	$12,500.00	Dispersed, outdoor classroom seating
17.	Basketball Court	1	ls	$75,000.00	$75,000.00	Includes surfacing, court markings, hoops, fencing, etc
18.	Stage, 10x10	100	sq	$65.00	$6,500.00	Timber construction
19.	Stream Access Points	1	each	$7,500.00	$7,500.00	Min. clearing & grading, stone or grit path
	Subtotal				**$2,237,675.00**	
	Subtotal - Base Bid only				**$3,255,693.35**	
C	**Separate Contract / Co-Op Purchasing (excluded from soft cost calculations)**					
1.	Pre-fabricated Restroom Building	1	ls	$275,000.00	$275,000.00	CXT or similar
4.	Shelter Structure	1	ls	$45,000.00	$45,000.00	Enwood structure
2.	Traditional Playground Surfacing Poured in Place	4,000	sf	$35.00	$140,000.00	
3.	Traditional Playground Equipment (allowance)	1	ls	$250,000.00	$250,000.00	
4.	Nature Playground Surfacing (Mulch)	4,000	sf	$3.00	$12,000.00	
5.	Nature Playground Equipment (allowance)	1	ls	$225,000.00	$225,000.00	
6.	Public art	1	ls	$75,000.00	$75,000.00	Per conversations with team
	Subtotal				**$1,022,000.00**	
D	**Soft Costs - Construction**					
1.	Owner's Contingency (10%)				$325,569.34	Base bid only
2.	Permit (allowance)				$40,000.00	SPR (no cost), building, NCDEQ, NCDOT, USACE, NCDWR
3.	Sewer Capital Facility Fee (2" meter)				$18,000.00	Per CoR Development Fee Guide
4.	General Conditions (10%)				$362,126.27	
5.	Bonds & Insurance (3%)				$119,501.67	
6.	Contractor's Fee (7%)				$287,202.34	
7.	Escalation (12%)				$526,811.16	Per CoR
8.	Design/Estimating Contingency (20%)				$651,138.67	
	Subtotal				**$2,330,349.44**	
	Construction Total				**$6,608,042.79**	
E	**Soft Costs - Design & Permitting**					
1.	Designer Fees (18% of construction cost)				$1,005,487.70	Architect, MEP, Structural, Site/Civil, Enviro, SW
2.	Topo, Boundary, SUE B, Wetland Survey				$60,000.00	Per WR estimate (does not include tree survey)
2.	Tree Survey					Have not scoped this yet
3.	Geotech (pre-design)				$40,000.00	Estimated - Have not scoped this yet
4.	Environmental Mitigation (allowance)				$65,000.00	Mitigation ***IF*** permanent impacts on wetland
5.	Construction Materials & Testing Services				$30,000.00	Estimated
	Subtotal				**$1,200,487.70**	
	Project Total				**$7,808,530**	

WithersRavenel has no control over the cost of labor, materials, equipment, the Contractor's method of determining prices or competitive bidding. Market costs provided herein are made on the basis of experience and represent our best judgment as planners and landscape architects familiar with construction proposals, Bids or construction costs will vary from our opinions of probable costs. Final costs are dependent on final plans specifications and bidding.

APPENDIX J: ADDITIONAL CONCEPT SKETCHES

Raleigh
CONCEPT SKETCHES : ZOOM IN

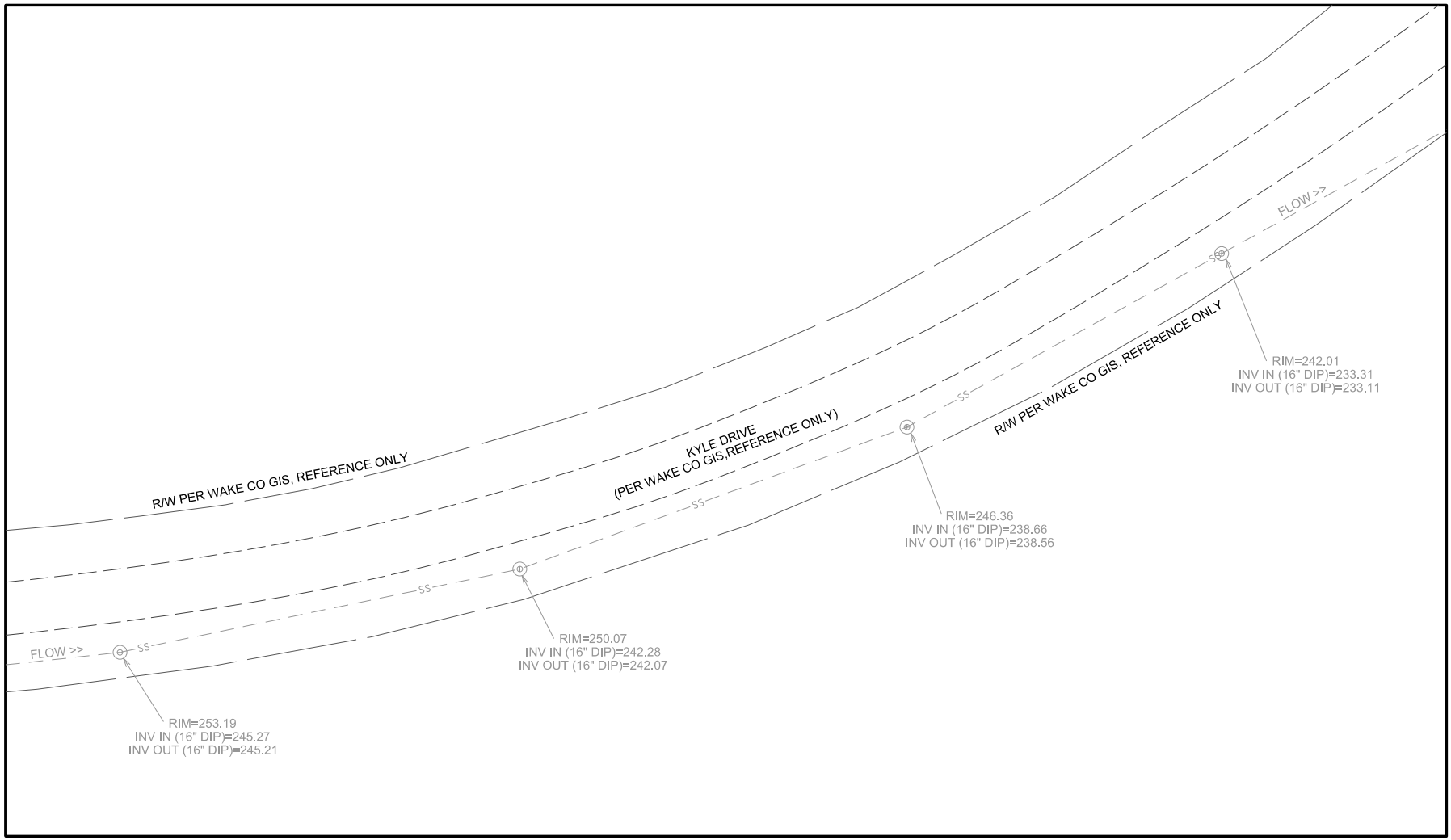
LEGEND

TOTAL AREA 28 ACRES

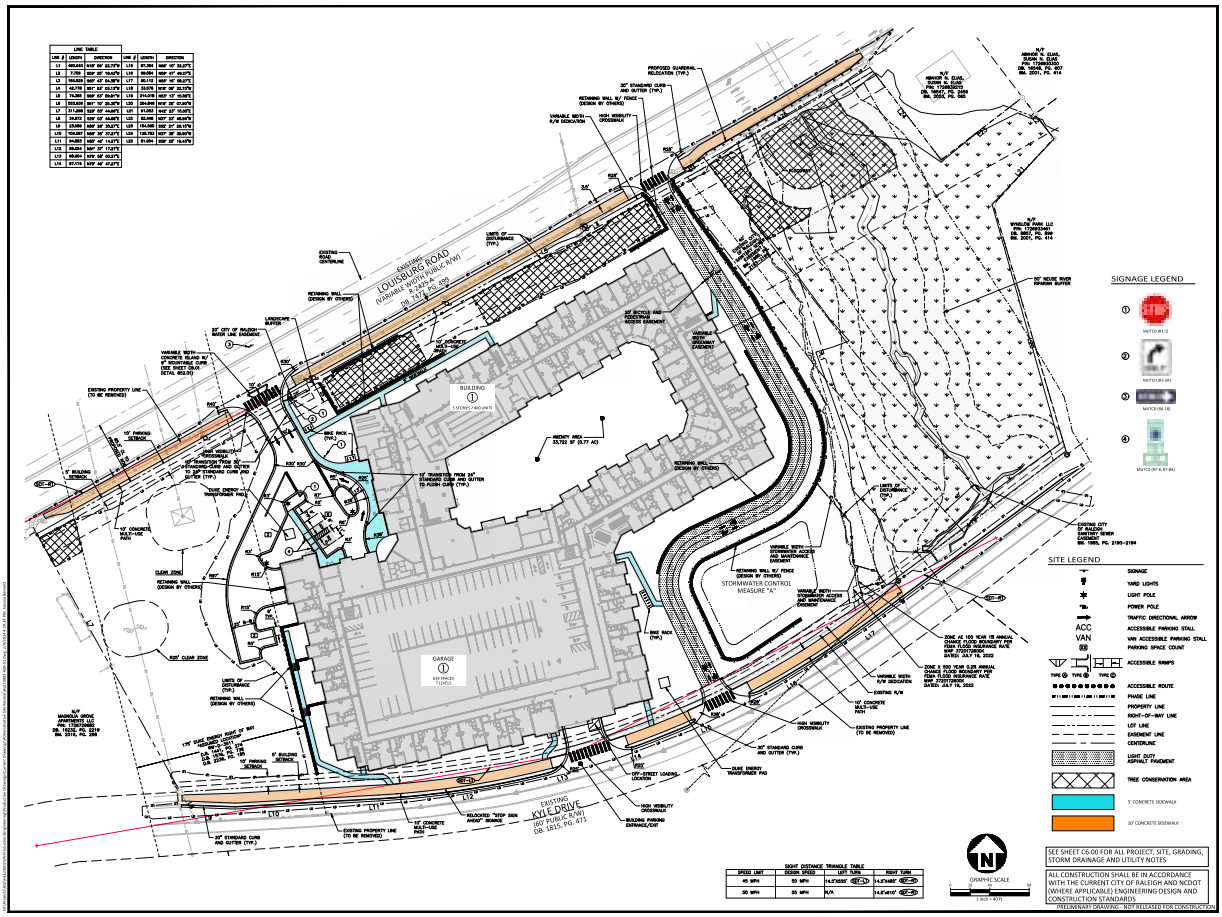
- PROPERTY LINE
- WETLAND
- STREAM
- STREAM BUFFER
- DUKE ENERGY EASEMENT
- PLAY AREA
- STREAM ACCESS
- COMMUNITY GARDEN
- BASKETBALL
- ART/PLAY ELEMENT
- SH SHELTER
- GSI GREEN STORMWATER INFRASTRUCTURE
- SHORT BB SHORT BASKETBALL
- SH/RR SHELTER & RESTROOM

APPENDIX K: PRGAB/COUNCIL PRESENTATION

APPENDIX L: KYLE DRIVE SEWER SURVEY


R/W PER WAKE CO GIS, REFERENCE ONLY
KYLE DRIVE
(PER WAKE CO GIS,REFERENCE ONLY)
R/W PER WAKE CO GIS, REFERENCE ONLY
FLOW >>
SS
SS
SS
SS
RIM=253.19
INV IN (16" DIP)=245.27
INV OUT (16" DIP)=245.21
RIM=250.07
INV IN (16" DIP)=242.28
INV OUT (16" DIP)=242.07
RIM=246.36
INV IN (16" DIP)=238.66
INV OUT (16" DIP)=238.56
RIM=242.01
INV IN (16" DIP)=233.31
INV OUT (16" DIP)=233.11

APPENDIX M: APARTMENT PLANS



McADAMS
The John R. McAdams Company, Inc.
621 Hillsborough Street
Suite 500
Raleigh, NC 27603
phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187
www.mcadamsco.com

CLIENT
HALLE BUILDING GROUP
56 HUNTER STREET, STE. 110
APEX, NC 27502
ERIC RIFKIN
PHONE: 919. 387. 1885

5000 LOUISBURG ROAD
ADMINISTRATIVE SITE REVIEW
5000 LOUISBURG ROAD
RALEIGH, NC

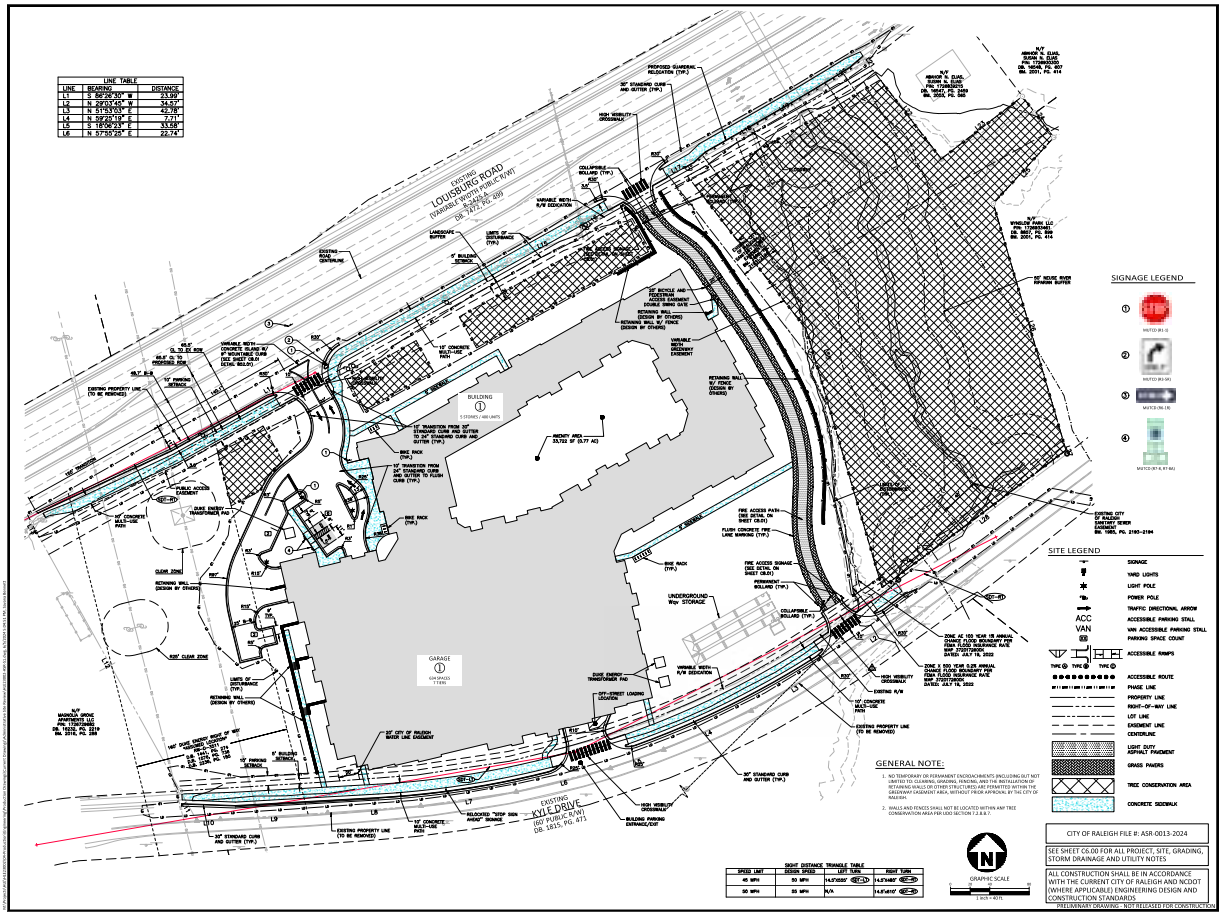
REVISIONS

NO.	DATE
1	
2	
3	
4	
5	
6	

PLAN INFORMATION

PROJECT NO.	HLE-23002
FILENAME	HLE23002-ASR-S1
CHECKED BY	JCM
DRAWN BY	RJT
SCALE	1" = 40'
DATE	02. 09. 2024

SHEET
SITE PLAN
C2.00



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ADMINISTRATIVE SITE REVIEW
5000 LOUISBURG ROAD
RALEIGH, NC

REVISIONS

NO.	DATE
1	06. 07. 2024
2	
3	
4	
5	
6	

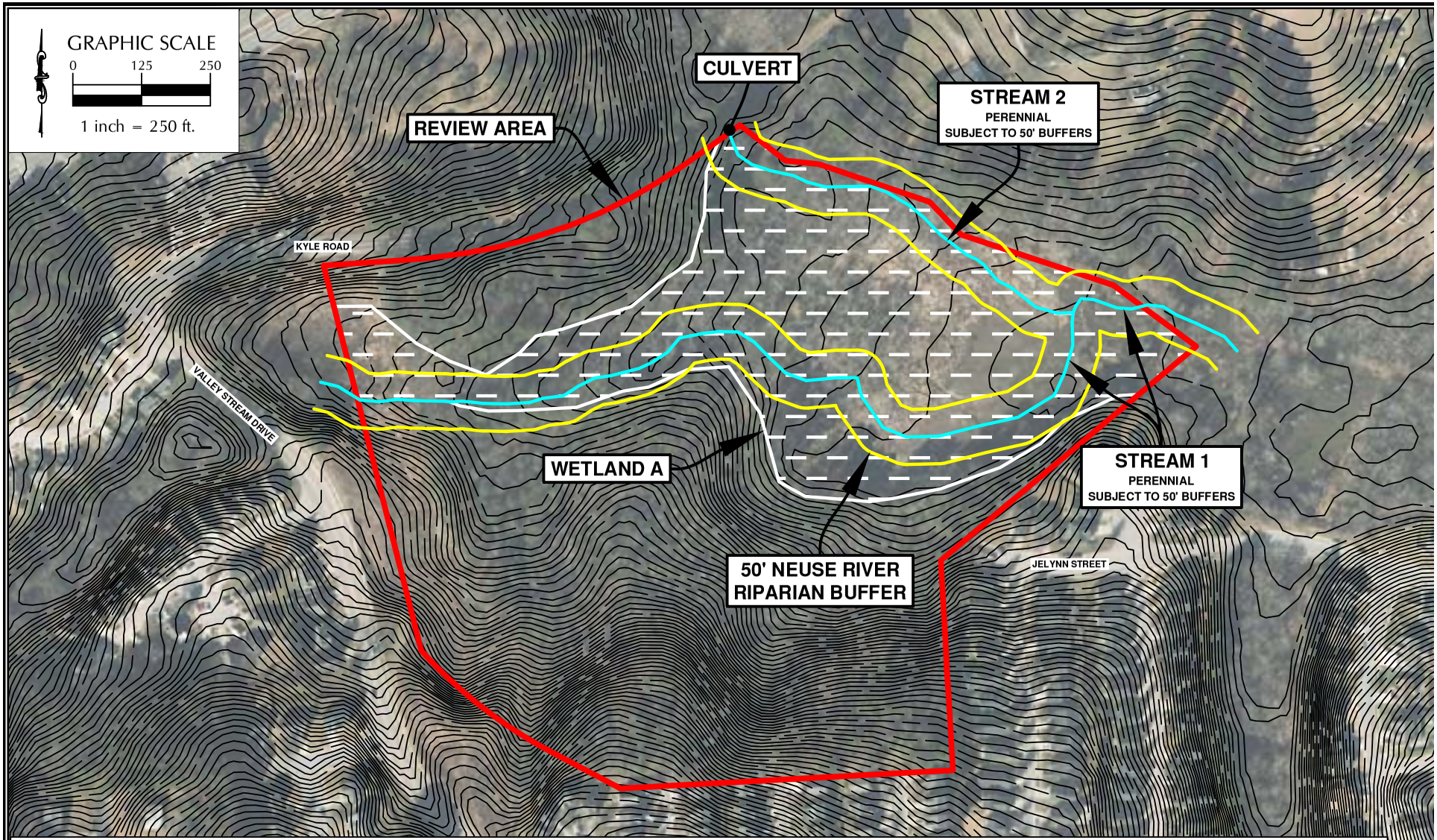
REVISED PER CITY COMMENTS

PLAN INFORMATION

PROJECT NO.	HLE-23002
FILENAME	HLE23002-ASR-S1
CHECKED BY	JCM
DRAWN BY	RJT
SCALE	1" = 40'
DATE	02. 09. 2024

SHEET
SITE PLAN
C2.00

APPENDIX N: WETLAND DELINEATION MAPS



NOTES:

1) WETLAND/STREAM/RIPARIAN BUFFER DELINEATION PERFORMED BY WR ON 11/16/2023.
2) WETLAND/STREAM/RIPARIAN BUFFER/CULVERT LOCATIONS ARE APPROXIMATE, BASED ON GPS LOCATION, WAKE COUNTY GIS DATA, AND TOPOGRAPHIC INTERPRETATION.
3) BUFFER SUBJECTIVITY BASED ON NEUSE RIVER RIPARIAN BUFFER RULES. BUFFER SUBJECTIVITY SHOULD BE VERIFIED BY NCDWR PRIOR TO DESIGN.
4) THIS PROPERTY MAY BE SUBJECT TO MUNICIPAL PLANNING/ZONING BUFFERS WHICH SHOULD BE VERIFIED BY THE DESIGN TEAM PRIOR TO DESIGN.
5) DELINEATION AND JURISDICTIONAL STATUS SHOULD BE VERIFIED BY USACE PRIOR TO DESIGN.

KYLE DRIVE PARK	WETLAND/BUFFER DELINEATION EXHIBIT	WithersRavenel
RALEIGH WAKE COUNTY NORTH CAROLINA		Engineers | Planners | Surveyors

APPENDIX O: BUFFER DETERMINATION LETTER

This on-site determination shall expire five (5) years from the date of this letter. The owner (or future owners) should notify the Division (and other relevant agencies) of this decision in any future correspondences concerning this property. Landowners or affected parties that dispute this determination made by the Director of Water Resources. **This determination is final and binding, unless an appeal request is made within sixty (60) calendar days of the date of this letter to the Director in writing.**

If sending via U.S. Postal Service:	*If sending via delivery service (UPS, FedEx, etc.)*
Stephanie Goss - DWR 401 & Buffer Permitting Branch Supervisor 1617 Mail Service Center Raleigh, NC 27699-1617	Stephanie Goss -DWR 401 & Buffer Permitting Branch Supervisor 512 N Salisbury St. Raleigh, NC 27604

This letter only addresses the applicability of the stated regulations on the features identified on the subject property and/or within the proposed project area. This letter does not approve any activity within buffers or within waters of the state. There may be other regulated waters, streams or other features located on the property that do not appear on the maps or table referenced above. Any waters, streams, or other features on the site, including the features identified in this letter, may be considered jurisdictional according to the US Army Corps of Engineers and subject to the Clean Water Act. If you have any additional questions or require additional information, please contact Chris Smith at (919) 791-4257 or chris.smith@deq.nc.gov. This determination is subject to review as provided in Articles 3 & 4 of G.S. 150B.

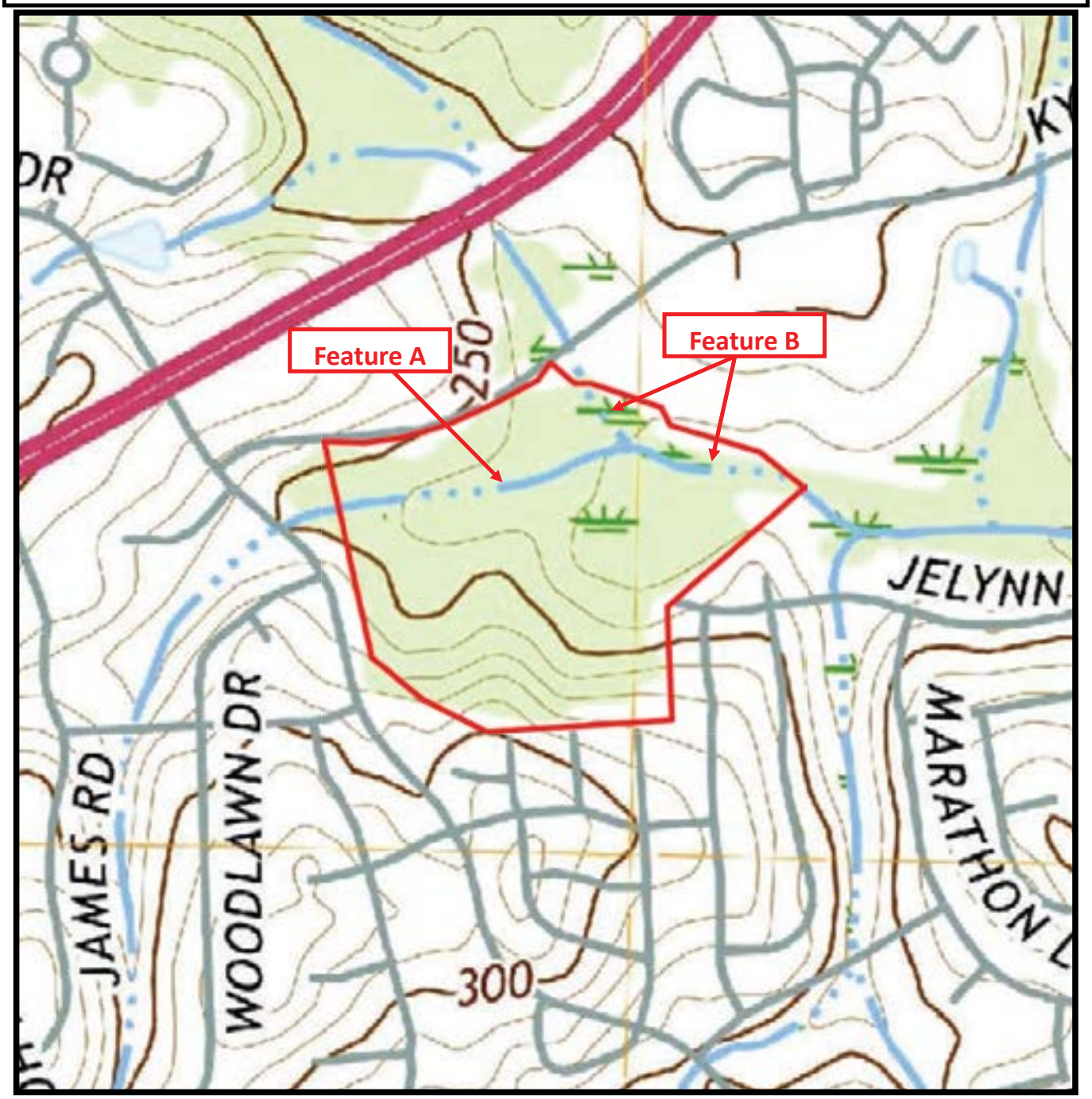
Sincerely,

Michael Hall

Michael Hall, Regional Supervisor
Water Quality Regional Operations Section
Raleigh Regional Office
Division of Water Resources, NCDEQ

Enclosures: USGS Topographical Map
Published NRCS Soil Survey
Electronic cc: Stephen.bentley@raleighnc.gov
pwelsh@withersravenel.com
Laserfiche

24-123
4700 Kyle Drive
Wake



Legend:

-Approximate Site Boundary:

Map provided by NCDEQ
Division of Water Resources

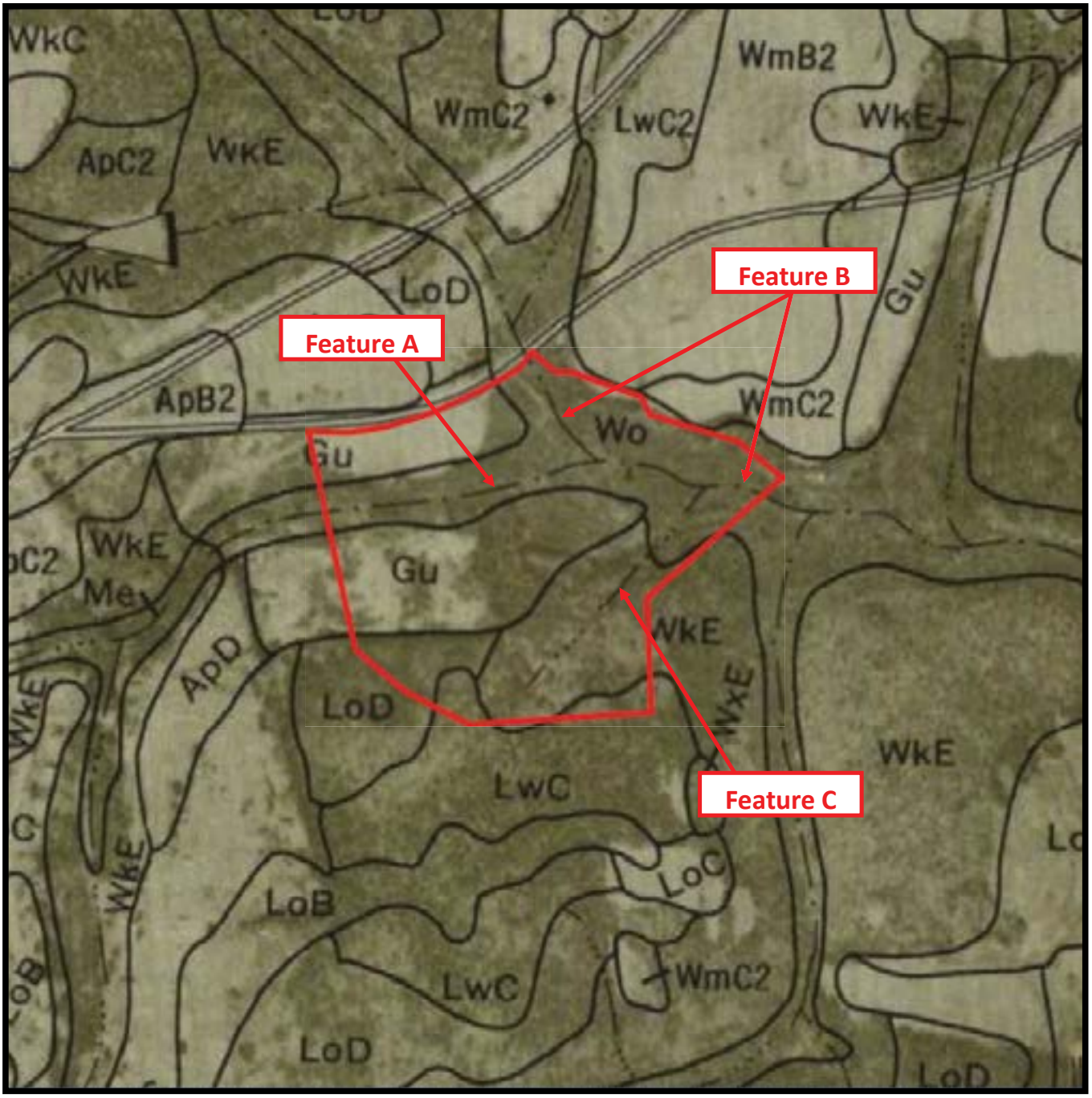
:: Locations are approximate and are provided for reference only ::

N

24-123

4700 Kyle Drive

Wake



Legend:

-Approximate Site Boundary:

Map provided by NCDEQ
Division of Water Resources

:: Locations are approximate and are provided for reference only ::

N

ROY COOPER
Governor
ELIZABETH S. BISER
Secretary
RICHARD E. ROGERS, JR.
Director

NORTH CAROLINA
Environmental Quality

May 14, 2024

DWR Project #24-123
Wake County

City of Raleigh
Attn: Stephen Bentley – Raleigh Parks Director
Stephen.bentley@raleighnc.gov

Subject: On-Site Determination for Applicability to the Neuse Buffer Rules (15A NCAC 02B .0714)
Project Name: 4700 Kyle Drive
Site Address / Location: 4700 Kyle Drive, Raleigh, NC 27616
Stream(s): Beaverdam Creek and UTs to Beaverdam Creek

Dear Stephen Bentley:

On May 13, 2024, Chris Smith conducted an on-site review of features located on the subject property with Patrick Welsh from WithersRavenel to determine the applicability of the above-noted state regulations.
The Division of Water Resources has determined that streams listed in the table below and identified on the attached maps are shown on either the most recently *published* NRCS Soil Survey of Wake County and/or the USGS National Map at a scale that incorporates the National Hydrography Dataset High Resolution data at 1:24,000 scale. Streams that are listed as "Subject" on the below table have been located on the ground at the site and possess characteristics that qualify them to be at least intermittent streams in accordance with the NC Stream Identification Manual v.4.11 and therefore subject to the Neuse Buffer Rules. **Please be aware that features identified as "not subject" may be considered jurisdictional according to the US Army Corps of Engineers and subject to the Clean Water Act.**

Feature ID	E/I/P/ Other(1)	Subject to Buffer Rules	Start @	Stop @	Depicted on Soil Survey	Depicted on USGS Topo
A	P	Yes	Present Throughout		Yes	Yes
B	P	Yes	Present Throughout		Yes	Yes
C	E	No	N/A		Yes	No

(1) E = Ephemeral, I = Intermittent, P = Perennial, NP = Not Present, N/A = Not Applicable, NE = Not Evaluated

APPENDIX P: PARK RENAMING RESOLUTION

RESOLUTION NO. (2021) - 278

A RESOLUTION SETTING OUT PROCEDURES REGARDING THE NAMING OF CITY PARKS, PARK FACILITIES, GREENWAYS, AND OTHER FACILITIES

WHEREAS, the City of Raleigh owns and operates many capital facilities that require names; and

WHEREAS, the City wishes to establish a uniform policy to govern the naming of City parks, park facilities, greenways, and other facilities owned and operated by the City of Raleigh; and

WHEREAS, the City Council recognizes that different naming procedures may best serve the process of naming the various types of facilities owned and operated by the City; and

WHEREAS, the City Council seeks to provide new procedures for honorary naming for parks facilities within Dorothea Dix Park and for other City facilities.

WHEREAS, the City Council recognizes that existing direction for naming of parks, facilities and greenways does not address specific procedures for naming rights, sponsorships, and donor recognition based upon monetary or in-kind gifts given to the City; and

WHEREAS, the City Council seeks to provide new procedures for naming rights, sponsorships, and donor recognition based upon monetary or in-kind gifts given to the City to support services, programming, and capital improvement projects provided by the City, including the Department of Parks, Recreation, and Cultural Resources.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RALEIGH THAT THE POLICY FOR THE NAMING OF CITY PARKS, PARK FACILIITES, GREENWAYS, AND OTHER FACILITIES BE AS FOLLOWS:

I. RESPONSIBILITY: The Parks, Recreation and Greenway Advisory Board (hereinafter referred to as the Board) shall be responsible for recommending to the City Council the "honorary naming" of all City parks, park facilities, and greenways within the City of Raleigh Parks and Recreation System, with exception of Dorothea Dix Park. The Dorothea Dix Park Leadership Committee (hereinafter referred to as the Leadership Committee) shall be responsible for recommending to the City Council the "honorary naming" of park areas and park facilities located within Dorothea Dix Park. Once approved by the Board or Leadership Committee, their recommendation shall be sent to the City Council, by and through the City Manager's Office, for approval and designation. This also applies to any park or facility named for a club or organization pursuant to an agreement to be entered into with the City of Raleigh by the club or organization. "Honorary Naming" for purposes of this Resolution means the naming of a particular park, park area, or facility within a park after an individual or group where that individual or group has made exceptional contributions to the City of Raleigh.

II. PROPOSALS: Written and digital proposals will be accepted. These may be submitted by any Raleigh citizen, organization, or by the Parks and Recreation Department. The proposal should include as much data as possible as to the reason for naming the park, park area, or park facility.

III. PREFERENCE: The Board shall encourage the use of names for parks, park areas, or facilities located outside of Dorothea Dix Park that are based upon geographical, historical or ecological features, indigenous to the park or facility's area. Greenways are to be named based only upon geographic or ecological features indigenous to the greenway.

IV. CRITERIA FOR HONORARY NAMING OF CITY PARKS, PARK FACILITIES, GREENWAYS, AND OTHER FACILITIES:

1. The name of an individual or group for a particular park area or facility, including those located within Dorothea Dix Park, may be approved by the City Council if that individual or group have made exceptional contributions to the City of Raleigh.

2. When a facility within a park is to be named, the name of the facility should in some manner denote its affiliation with the park in which it resides.

3. The name must not duplicate or be similar to any other name existing within the Parks System, so as to not cause confusion to the public.

4. The Board or Leadership Committee will consider a honorary naming proposal for a person who is deceased and the proposal complies with paragraph 1 above.

5. Unless requested by the City Council, the Board or Leadership Committee will not recommend changing the name of a park or facility from one individual or group to another unless one hundred (100) years have elapsed from the original naming by the City of Raleigh.

6. A proposal to change the name of a named park or facility shall require a petition including supporting reasons with the signatures, either written or digital, of at least one thousand (1,000) residents of Raleigh. (This does not apply to parks or facilities named for clubs or organizations, or on behalf of individuals or groups in exchange for in-kind or monetary gifts, pursuant to an agreement with the City of Raleigh, the terms of which will apply.)

7. Names for a mini-park or other small park or facility not located within Dorothea Dix Park shall be developed by the Parks, Recreation and Cultural Resources Director for the Board's consideration unless a petition with at least one hundred (100) signatures of Raleigh residents, as well as written or digital submittal, supporting reasons are stated for the Board's consideration, in which case the Board's recommendation will prevail.

8. The Board or Leadership Committee may recommend to the City Council the placement of a plaque, statuary, work of art, or in an appropriate location within a park or facility wherein the names of individuals or organizations may be placed for exceptional contributions to

a specific park or facility or to the Parks, Recreation, and Greenway System. The Board or Leadership Committee may elect to exercise the option of recommending an appropriate memorial to an individual or organization such as planting trees, flowers, etc.

V. PROCEDURE FOR SUBMITTING HONORARY NAMING PROPOSALS:

1. The Board or Leadership Committee will accept proposals in writing or digitally on a date established by the Parks and Recreation Department. The Board or Leadership Committee will discuss and hear public discussion at a next regularly scheduled meeting, following the submission of the proposal. The Board or Leadership Committee will vote at its following meeting unless there is opposition, in which case paragraph lb below will be adhered to.

1a. In the event there is opposition to a proposal, those opposed will also have to submit information identifying the reasons for their opposition, and allow the Board to question them, upon appearance before the Board or Leadership Committee. The Board or Leadership Committee may require the opposition to provide a petition in writing or digitally.

lb. When opposition occurs to a request, the Board or Leadership Committee will delay action on the naming of the park or facility for at least two (2) months, in order to evaluate the opposition's information.

2. The Parks and Recreation Department will notify local media through a written press release, digitally and post notice at the site of a park or other facility to inform the citizens of the Board or Leadership Committee's considering the naming of any park or other facility or any name change proposal.

VI. PROCEDURE FOR NAMING OF CITY PARKS AND PARK FACILITIES IN EXCHANGE FOR MONETARY OR IN-KIND GIFTS:

1. If the naming of a City park or park facility is to be done based upon a monetary or in-kind gift, the following procedures will apply:

a. The City Manager is charged with the responsibility of confidentially notifying the City Council of the proposed gift.

b. Before officially naming a park facility in exchange for monetary or in-kind gifts, the City Council shall hold a hearing on the proposal to receive public comment. It shall be the intent of the City to provide widespread notice of the hearing, including, at minimum, posting of the notice of the hearing in a prominent manner on the City's website. Notice shall at minimum describe the facility to be named, the proposed name, the duration of the proposed naming rights, and any other material terms as determined by the City Manager. The hearing shall be held no less than ten (10) days after the posting of the notice on the City's website. The

City Council may consider a vote to name the park facility at any time after the close of the hearing.

c. Proposals submitted to City Council under this Section shall comply with the Departmental Procedures for Park Sponsorships, Donor Recognition and Naming Rights, as they may be set from time to time by the City Manager.

d. Unless expressly permitted by City Council on a case-by-case basis, the duration of a naming rights agreement shall not be in perpetuity. If a donor requests perpetual naming rights in exchange for a monetary or in-kind donation, then the City Manager must immediately notify City Council of this request in light of the limitation on perpetual naming rights set forth herein.

VII. OTHER FACILITIES:

1. The naming of any other City building or facility as an honor to an individual or group and not involving a monetary or in-kind gift shall be as follows:

a. Any such naming shall generally follow the guidelines, criteria, and procedures set out in Section IV and Section V herein, subject to the review and approval of the City Council.

b. Before officially naming other city facilities for honorary purposes, the City Council shall hold a hearing on the proposal to receive public comment. It shall be the intent of the City to provide widespread notice of the hearing, including, at minimum, posting of the notice of the hearing in a prominent manner on the City's website. Notice shall at minimum describe the facility to be named, the proposed name, the duration of the proposed naming rights, and any other material terms as determined by the City Manager. The hearing shall be held no less than ten (10) days after the posting of the notice on the City's website. The City Council may consider a vote to name the facility at any time after the close of the hearing.

2. If the naming of a non-parks, recreation or greenway facility is to be done based upon a monetary or in-kind gift, the following procedures will apply:

a. The City Manager is charged with the responsibility of confidentially notifying the City Council of the proposed gift.

b. Before officially naming other city facilities in exchange for monetary or in-kind gifts, the City Council shall hold a hearing on the proposal to receive public comment. It shall be the intent of the City to provide widespread notice of the hearing, including, at minimum, posting of the notice of the hearing in a prominent manner on the City's website. Notice shall at minimum describe the facility to be

named, the proposed name, the duration of the proposed naming rights, and any other material terms as determined by the City Manager. The hearing shall be held no less than ten (10) days after the posting of the notice on the City's website. The City Council may consider a vote to name the facility at any time after the close of the hearing.

c. Unless expressly permitted by City Council on a case-by-case basis, the duration of a naming rights agreement shall not be in perpetuity. If a donor requests perpetual naming rights in exchange for a monetary or in-kind donation, then the City Manager must immediately notify City Council of this request in light of the limitation on perpetual naming rights set forth herein.

VIII. MISCELLANEOUS PROVISIONS:

1. Procedures developed by the City Manager for the honorary naming of a facility within the Parks and Recreation system shall include the following, at minimum, within the application for consideration of a name:

a. Name, address, and telephone number of the individual or group making request.

b. Site or facility to be named.

c. For an individual, the recommended name, whether said person is living or deceased, their address (if living), their contributions to the City of Raleigh or the Parks system, their community activities and services, and any honors or awards they have received.

d. For a name not associated with an individual, the reasons for recommending the name and the origins of the name.

2. For purposes of this resolution, the City Manager may delegate any responsibilities or obligations set forth herein to other individuals within their organization.

3. This Resolution supersedes and replaces all prior resolutions setting out procedures regarding the naming of City Parks, Park Facilities, Greenways, and other City Facilities.

Adopted: July 6, 2021
Effective: July 6, 2021
Distribution: Management Team

APPENDIX Q: CONSENSUS VOTE

ID	Start time	Completion time	Email	Name	Please enter your name	Michael Wentz has voluntarily withdrawn from the CAG, and here is a link to his application: https://drive.google.com/file/d/1fHIrGUi0PgpIQ0sXy0NrP13wJJcGcvLr/view?usp=sharing
						Do you think his in...
2	3/11/24 11:54:59	3/11/24 11:55:30	anonymous		Mysti Stewart	Yes
3	3/11/24 11:57:39	3/11/24 11:57:55	anonymous		Debora Thomas	Yes
4	3/11/24 11:57:41	3/11/24 11:58:03	anonymous		Pete Giambattista	Yes
5	3/11/24 13:14:37	3/11/24 13:14:40	anonymous		Sherry Stephen	Yes
6	3/11/24 13:17:04	3/11/24 13:17:44	anonymous		Bekah Torcasso Sanchez	Yes
7	3/11/24 13:32:00	3/11/24 13:33:15	anonymous		Adam	Yes
8	3/11/24 15:11:56	3/11/24 15:12:57	anonymous		Carol Ashcraft	Yes
9	3/11/24 16:28:15	3/11/24 16:28:38	anonymous		Mikaela Rojas	Yes
10	3/18/24 15:38:56	3/18/24 15:39:53	anonymous		Becky Burmester	Yes

ID	Start time	Completion time	Email	Name	Please enter your name	Do you support the draft Vision Statement?	(Optional) If you'd like to share your reasons for support or your reservations, please let us know below.
1	12/19/23 16:22:18	12/19/23 16:23:03	anonymous		Debora Thomas	1) Endorsement – Member full supports it.	I think this is short, while conveying our sentiment, without belaboring the point. Thumbs up.
2	12/19/23 16:35:52	12/19/23 16:46:23	anonymous		Adam Schreiner	2) Endorsement with minor point of contention – Basically, member likes it.	I like the vision statement. I'd be in favor of rephrasing "enhancement of the natural environment." In some way but I can't think of how. Therefore, I endorse.
3	12/19/23 18:39:55	12/19/23 18:47:04	anonymous		Hezekiah Goodson Jr.	1) Endorsement – Member full supports it.	I endorse this proposal, and have the same vision, in that the park should definitely emphasize nature-based recreation and educational opportunities for visitors to connect with nature. I love everything about this vision.
4	12/23/23 11:29:04	12/23/23 11:29:44	anonymous		Melissa Forde	1) Endorsement – Member full supports it.	
5	12/26/23 22:05:08	12/26/23 22:06:16	anonymous		Becky Burmester	1) Endorsement – Member full supports it.	There is a typo in option one. “Fully” not full
6	1/2/24 11:55:27	1/2/24 11:57:00	anonymous		Crystal Scarborough	1) Endorsement – Member full supports it.	I support this as it represents the wellbeing of the community.
7	1/2/24 12:06:42	1/2/24 12:07:12	anonymous		Jeannette Arrowood	1) Endorsement – Member full supports it.	
8	1/2/24 14:08:35	1/2/24 14:08:59	anonymous		Pete Giambattista	1) Endorsement – Member full supports it.	
9	1/2/24 14:27:48	1/2/24 14:28:30	anonymous		Carol Ashcraft	1) Endorsement – Member full supports it.	
10	1/2/24 14:30:43	1/2/24 14:31:17	anonymous		Sherry Stephen	1) Endorsement – Member full supports it.	
11	1/2/24 21:37:02	1/2/24 21:38:30	anonymous		Rebecca (Becky) Burmester	1) Endorsement – Member full supports it.	I previously submitted the same answer
12	1/5/24 17:35:58	1/5/24 17:36:31	anonymous		Melissa Forde	1) Endorsement – Member full supports it.	
13	1/6/24 17:18:14	1/6/24 17:20:35	anonymous		Bekah Torcasso Sanchez	2) Endorsement with minor point of contention – Basically, member likes it.	"enhancement" of the natural environment doesn't sit right with me. Can we modify slightly to something like "celebration of the natural environment" so it implies less deficiency in the ecology as it is untouched?
14	1/8/24 15:04:35	1/8/24 15:16:59	anonymous		Mysti Stewart	3) Agreement with minor reservations – Member can live with it.	It would be helpful to see the draft version to compare this. I do not recall discussing referencing another park within this vision statement. I do not know what the Beaverdam Creek Wetland looks like or what the park has to offer. I would like more information about this park to agree with it being the inspiration of Kyle Drive Park.
15	1/9/24 9:16:48	1/9/24 9:16:54	anonymous		Alexis Arterberry	1) Endorsement – Member full supports it.	

16	1/9/24 12:04:38	1/9/24 12:42:09	anonymous		Mysti Stewart	1) Endorsement – Member full supports it.	
17	1/13/24 10:57:20	1/13/24 10:58:11	anonymous		Mikaela Rojas	1) Endorsement – Member full supports it.	

ID	Start time	Completion time	Email	Name	Please enter your name	Do you support the Master Plan?	(Optional) If you'd like to share your reasons for support or your reservations, please let us know below.
1	5/10/24 16:20:33	5/10/24 16:20:42	anonymous		Mysti Stewart	1) Endorsement – Member full supports it.	
2	5/10/24 16:20:31	5/10/24 16:20:49	anonymous		Bekah Torcasso Sanchez	1) Endorsement – Member full supports it.	
3	5/10/24 16:20:58	5/10/24 16:21:37	anonymous		Adam Schreiner	1) Endorsement – Member full supports it.	
4	5/10/24 16:20:46	5/10/24 16:21:45	anonymous		Mikaela Rojas	2) Endorsement with minor point of contention – Basically, member likes it.	
5	5/10/24 17:10:29	5/10/24 17:12:43	anonymous		Sherry	1) Endorsement – Member full supports it.	This appears to be a well thought out plan which incorporates many ideas from this very diverse community. Of course, not everyone will be happy with the final design. However, I believe it covers most ideas/concepts within our budget. Thank yall!
6	5/10/24 18:04:58	5/10/24 18:09:50	anonymous		Hezekiah Goodson	2) Endorsement with minor point of contention – Basically, member likes it.	Little concern about the basketball court, even though it want be a full court. With that compromise, I can live with it. Other than that, I like the plan.
7	5/15/24 22:12:32	5/15/24 22:12:54	anonymous		Rebecca Burmester	1) Endorsement – Member full supports it.	
8	5/16/24 21:17:27	5/16/24 21:17:43	anonymous		Debora Thomas	1) Endorsement – Member full supports it.	
9	5/16/24 21:45:12	5/16/24 21:45:42	anonymous		Melissa Forde	1) Endorsement – Member full supports it.	
10	5/16/24 22:15:30	5/16/24 22:16:09	anonymous		Hezekiah Goodson Jr	1) Endorsement – Member full supports it.	
11	5/17/24 6:14:58	5/17/24 6:15:10	anonymous		Jeannette Arrowood	1) Endorsement – Member full supports it.	
12	5/17/24 9:46:46	5/17/24 9:47:32	anonymous		Alexis Arterberry	1) Endorsement – Member full supports it.	
13	5/20/24 8:41:33	5/20/24 8:42:01	anonymous		Pete Giambattista	2) Endorsement with minor point of contention – Basically, member likes it.	

APPENDIX R: COMMUNITY OUTREACH

	Windblown Ct	Windproof Way	Windspring Way
Yes	10	5	5
No			1
No Response	4	7	3
35 total homes			
April 22- May 2 Outreach			