

# COUNCIL STAFF REPORT

# REZN-07-25-1260

Applicant: Tiger Creek Development, Inc

Owner: Tiger Creek Development, Inc

**Location:** 8828 Veterans Parkway & 4885 Charleston Way

**Parcel:** 079-002-002A/3/7/8...cont'd.

Acreage: 21.70 Acres

Current Zoning Classification: PUD (Planned Unit Development)

Proposed Zoning Classification: Planned Unit Development

**Proposed Conditions:** 1. The development shall adhere to the

characteristics of the attached PUD site plan.

2. Fenceline shall extend along the North boundary

of Plat A, westward 200 feet.

**Current Use of Property:** Single Family Residential

**Proposed Use of Property:** Single Family & Multifamily Residential

Council District: District 6 (Allen)

PAC Recommendation: Denial based on the Staff Report and

incompatibility with existing land uses.

Planning Department Recommendation: Conditional approval based on consistency with

the future land use map of the Comprehensive Plan

and compatibility with UDO section 2.5.15.C: *Permitted Housing Types*. All types of residential dwellings, excluding mobile homes, may be permitted within a PUD. The recommended

conditions are:

1) The development shall adhere to the characteristics of the attached PUD site plan.

2) Fenceline shall extend along the North boundary

of Plat A, westward 200 feet (attached).

Fort Moore's Recommendation: N/A

**DRI Recommendation:** N/A

General Land Use: Consistent

Planning Area A

**Current Land Use Designation:** Single Family Residential

Future Land Use Designation: Mixed Use

**Compatible with Existing Land-Uses:** Yes (duplexes and quads exist in neighboring

Promenade Place)

**Environmental Impacts:** The property does not lie within the floodway and

floodplain area. The developer will need an approved drainage plan prior to issuance of a Site Development permit, if a permit is required.

**City Services:** Property is served by all city services.

**Traffic Engineering:** This site shall meet the Codes and regulations of

the Columbus Consolidated Government for

residential usage.

**Traffic Impact:** There will be no traffic impact. The proposed

townhouses will generate 36 more trips a day than the originally proposed single family homes. The new single-family homes will generate 151 trips per day. Veterans Parkway will remain at a LOS C.

**Surrounding Zoning:** North Residential Estate - 1

South Planned Unit Development
East Planned Unit Development
West Residential Estate - 1

**west** Residential Estate - 1

**Reasonableness of Request:** The request is consistent with the future land-use

map of the Comprehensive Plan.

School Impact: N/A

**Buffer Requirement:**Buffer and tree density units are determined by

Ordinances 14-7 and 14-59.

**Attitude of Property Owners:** Forty-Five (45) property owners within 300 feet of

the subject properties were notified of the rezoning request. The Planning Department received several calls and/or emails regarding the

rezoning and a petition to oppose.

**Approval 0** Responses

**Opposition 102** Responses

**Additional Information:** Revise Condition 7 (Ord. No. 14-59) The

development shall adhere to the characteristics of

the attached PUD site plan.

Modify approved PUD Site Plan:

 Single Family Residential lots on 11.49 acres consistent with SFR2, approximately 15 lots

with access from Sullivans Drive.

• Multifamily townhomes with access from

Charleston Way on 18.10 acres,

approximately 79 townhomes consistent

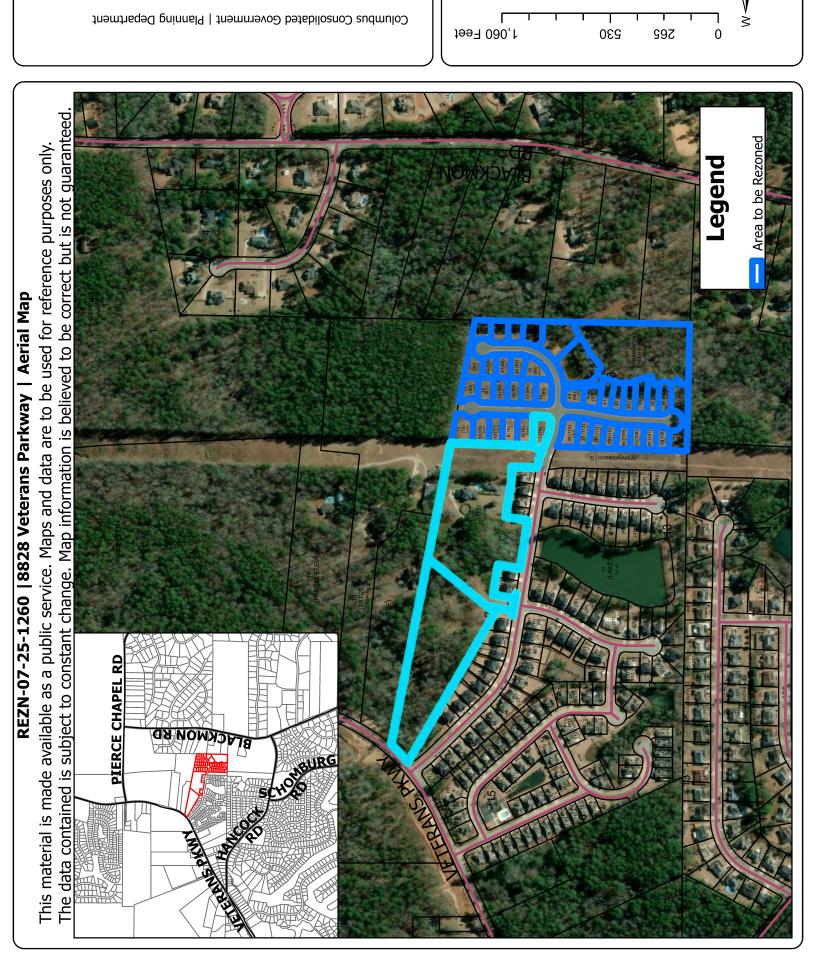
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Attachments: Aerial Land Use Map

Location Map
Zoning Map

Existing Land Use Map Future Land Use Map

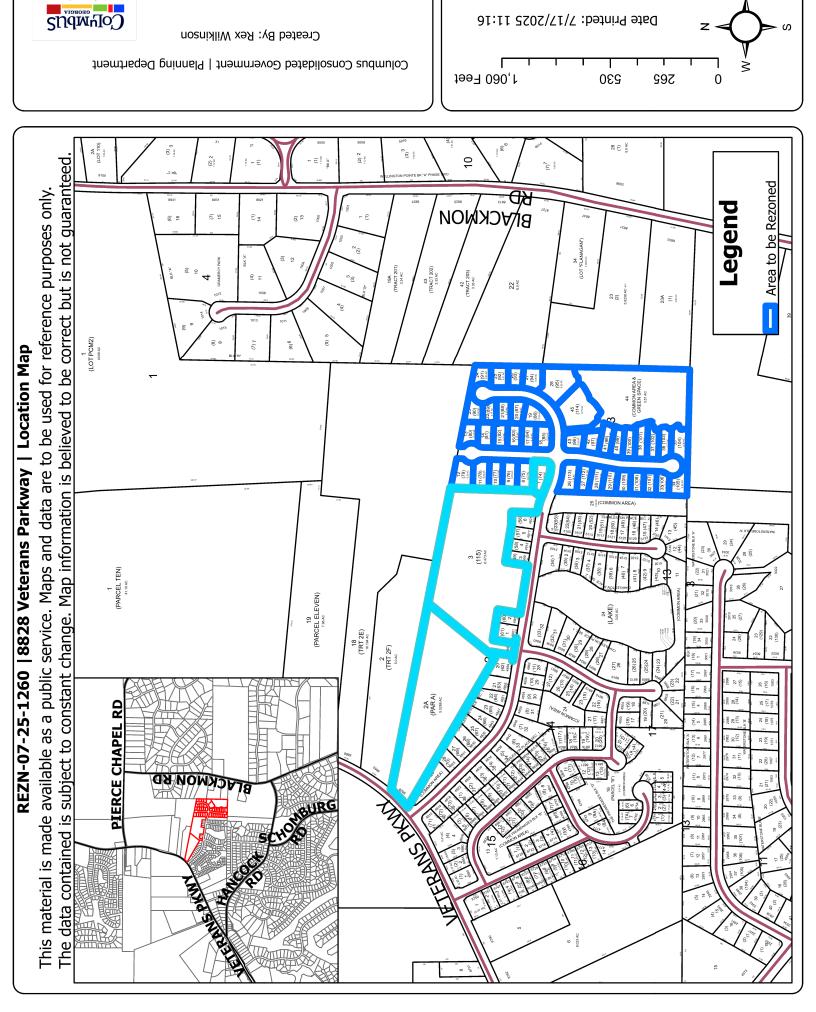
Flood Map Concept Plan Traffic Analysis

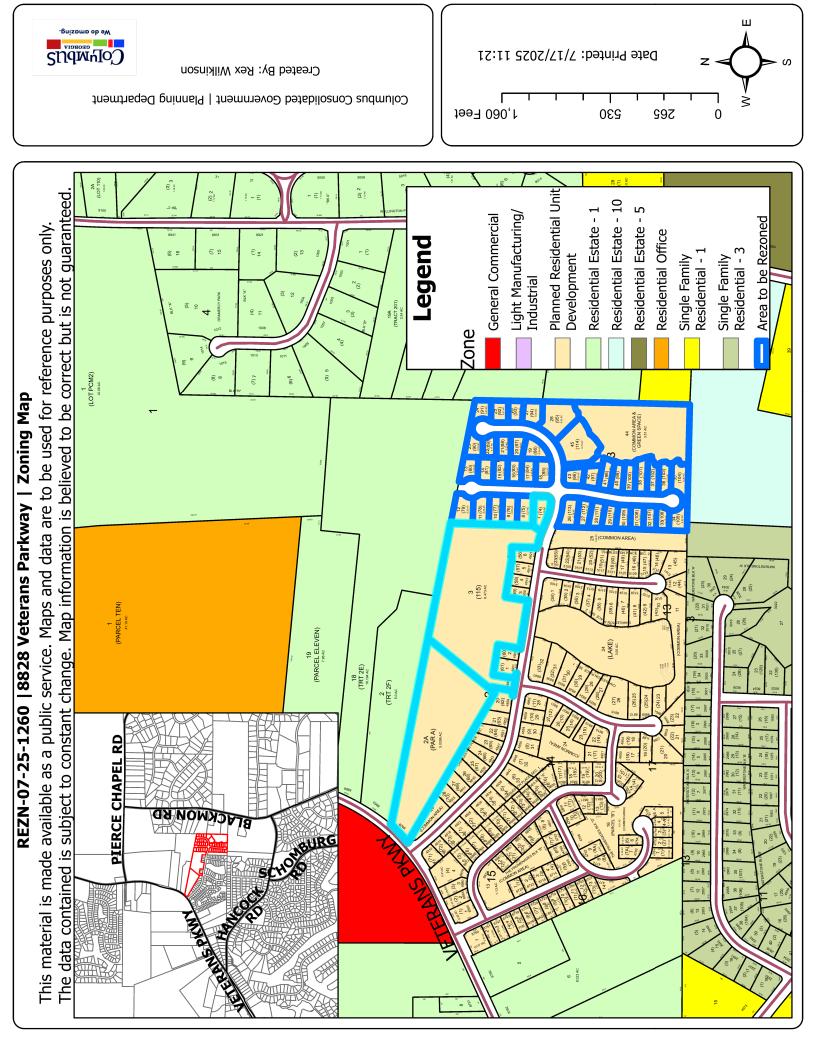


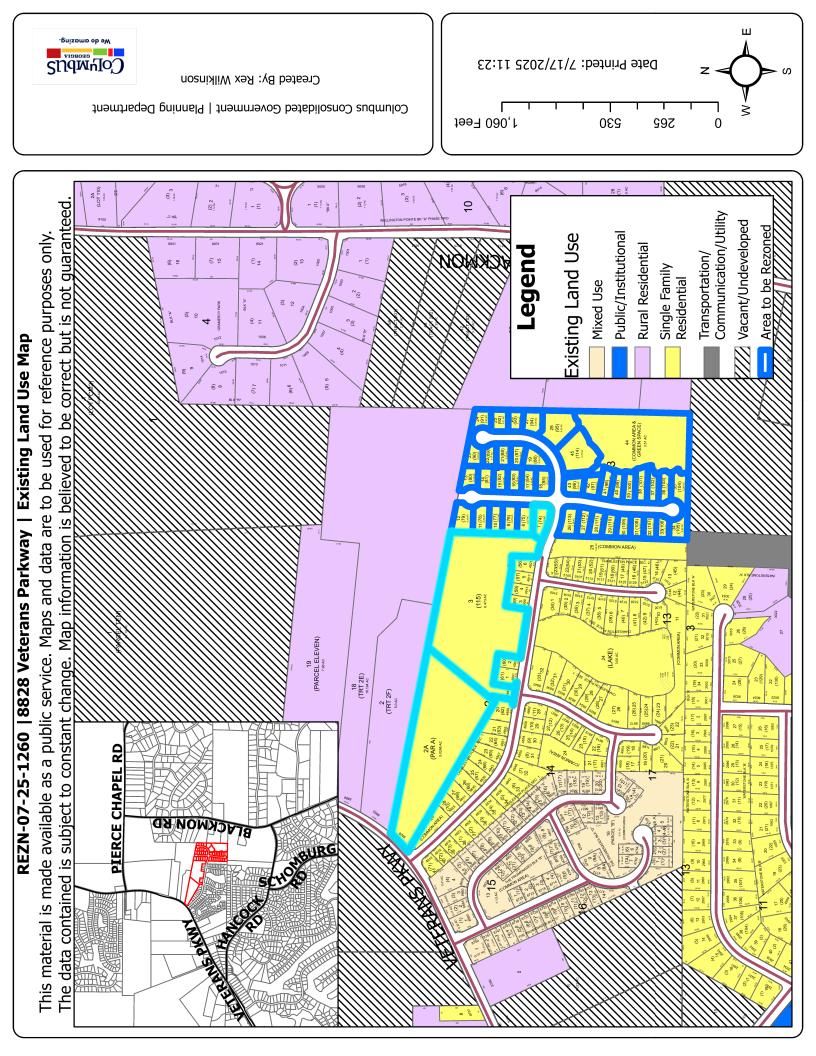
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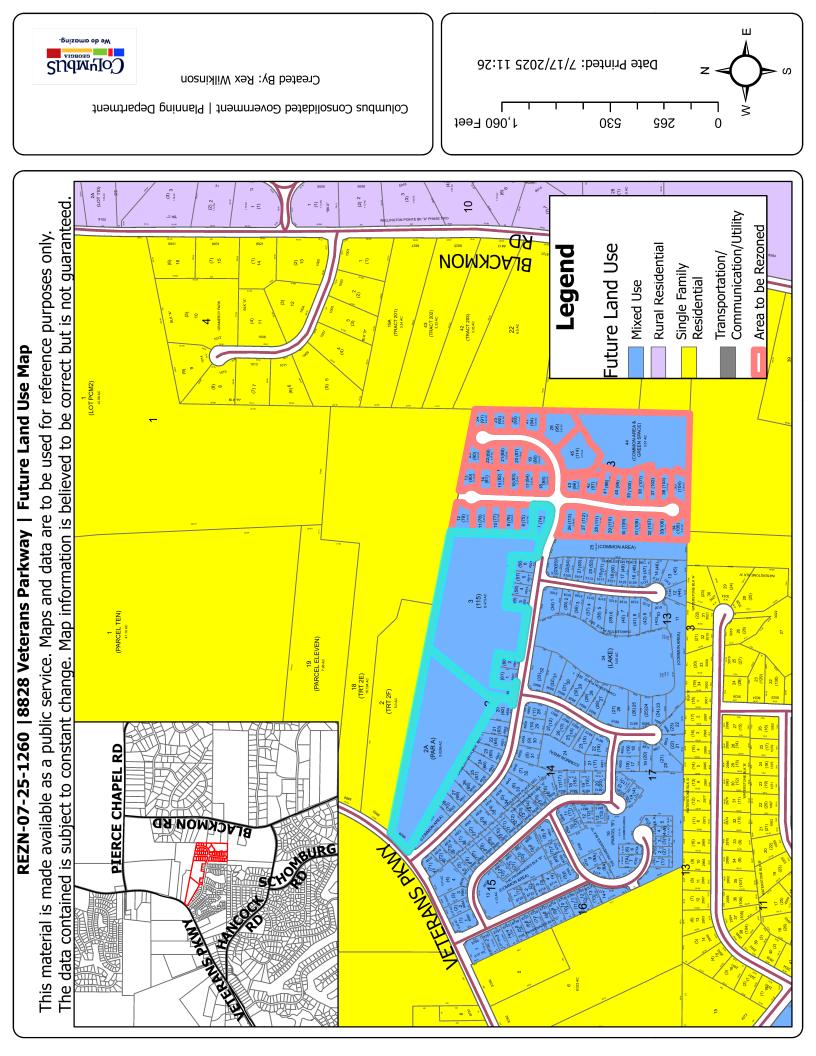


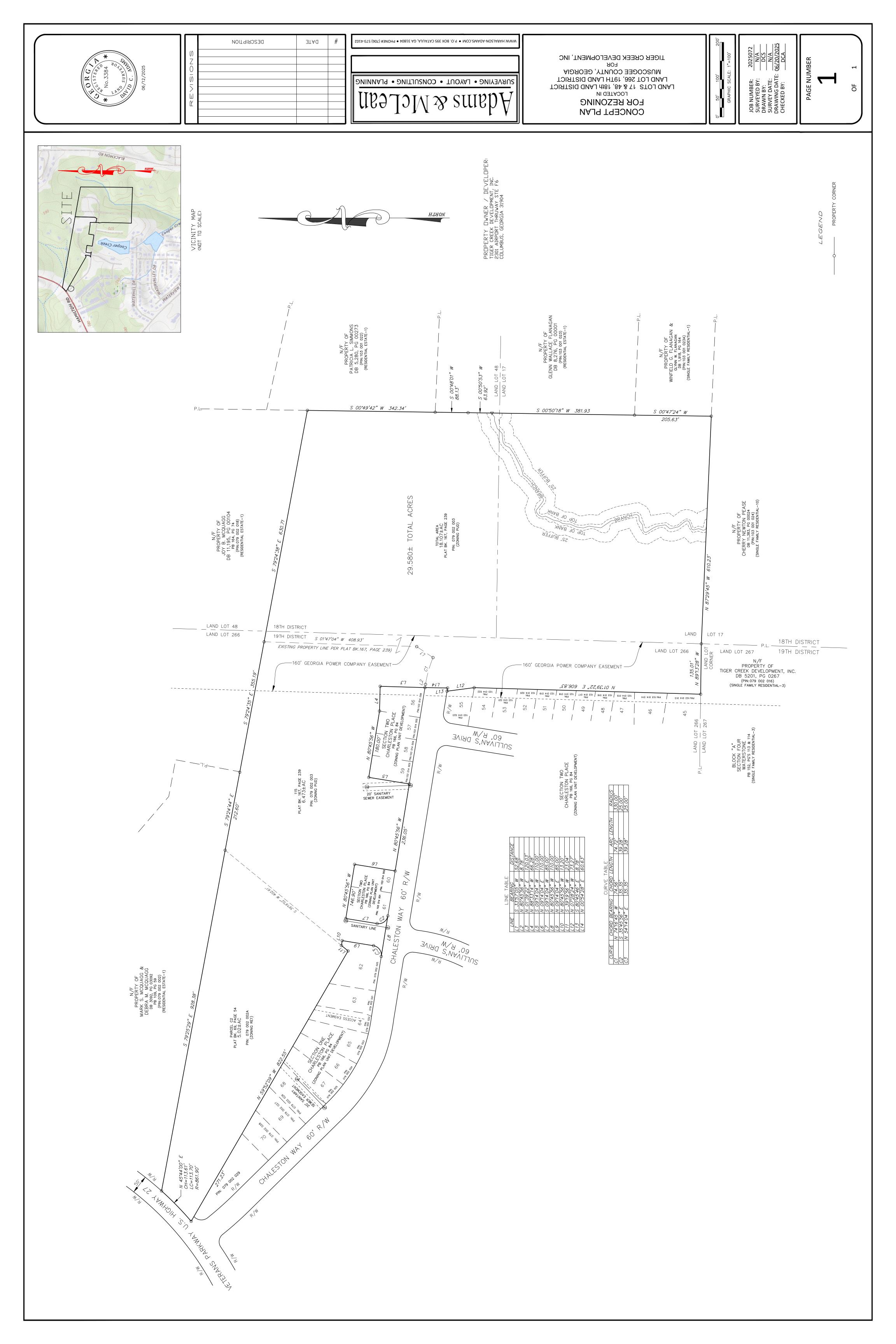
Created By: Rex Wilkinson













# ITE Traffic Report for Rezoning at 8828 Veterans Parkway and 4885 Charleston Way, Columbus, Georgia

#### **Project Overview**

Address: 8828 Veterans Parkway and 4885 Charleston Way, Columbus, Georgia 31909

**Current Zone**: Planned Unit Development (PUD)

Current Use: Vacant

**Proposed Zone**: Planned Unit Development (PUD)

Proposed Use: Single-family houses at 8828 Veterans Parkway and townhomes at 4885

**Charleston Way** 

Acreage: 21.70 acres

This report evaluates the traffic impacts of a proposed rezoning and development on a 21.70-acre vacant site in Columbus, Georgia. The development includes single-family houses and townhomes under the existing PUD zoning framework, maintaining flexibility for mixed-use development while adhering to community standards.

#### **Road Characteristics**

#### **Street Classification**

- **Veterans Parkway**: Classified as a principal arterial by the Georgia Department of Transportation (GDOT), serving as a major corridor for regional traffic in Columbus, connecting commercial and residential areas.
- Charleston Way: Classified as a local road, primarily providing access to adjacent residential neighborhoods.

#### **Number of Lanes**

- **Veterans Parkway**: Four lanes (two in each direction) with a median and dedicated left-turn lanes at major intersections.
- Charleston Way: Two lanes (one in each direction) with no median, designed for low-volume local traffic.

#### **Existing Traffic Count**

Based on available GDOT traffic data (2022), the Annual Average Daily Traffic (AADT) is:

- **Veterans Parkway**: Approximately 25,000 vehicles per day (vpd) near the project site.
- Charleston Way: Approximately 1,500 vpd, serving local residential traffic.

#### **Existing Level of Service (LOS)**

- **Veterans Parkway**: LOS C during peak hours (AM and PM), indicating stable flow with acceptable delays at signalized intersections.
- Charleston Way: LOS A, reflecting free-flow conditions due to low traffic volumes.

#### **Trip Generation**

Trip generation estimates are based on the Institute of Transportation Engineers (ITE) Trip. Generation.Manual?77th.Edition for the proposed land uses.

#### **Current Zoning (PUD, Vacant)**

- Current Use: Vacant
- **Trip Generation**: 0 trips per day (no existing activity).

# **Proposed Zoning (PUD, Single-Family Houses and Townhomes)**

- Proposed Use:
  - Single-Family Houses (ITE Land Use Code 210): Assume 50 single-family detached units on 10 acres at 8828 Veterans Parkway.
  - Townhomes (ITE Land Use Code 215): Assume 80 townhome units on 11.7 acres at 4885 Charleston Way.
- Trip Generation Estimates:
  - Single-Family Houses (50 units):
    - Daily: 9.43 trips/unit × 50 units = 471.5 trips/day
    - AM Peak Hour: 0.74 trips/unit × 50 units = 37 trips (26% entering, 74% exiting)
    - PM Peak Hour: 0.99 trips/unit × 50 units = 49.5 trips (63% entering, 37% exiting)
  - o Townhomes (80 units):
    - Daily: 7.20 trips/unit × 80 units = 576 trips/day
    - AM Peak Hour: 0.52 trips/unit × 80 units = 41.6 trips (23% entering, 77% exiting)

 PM Peak Hour: 0.62 trips/unit × 80 units = 49.6 trips (67% entering, 33% exiting)

# o Total Proposed Trips:

- Daily: 471.5 + 576 = 1,047.5 trips/day
- AM Peak Hour: 37 + 41.6 = 78.6 trips (20 entering, 58.6 exiting)
- PM Peak Hour: 49.5 + 49.6 = 99.1 trips (64 entering, 35.1 exiting)

# Comparison

- Current Zoning: Generates 0 trips due to vacant land.
- Proposed Zoning: Generates approximately 1,048 trips/day, with 79 trips in the AM
  peak hour and 99 trips in the PM peak hour.
- **Net Increase**: 1,048 trips/day, entirely attributable to the proposed development.

#### **Traffic Impact Analysis**

# **Total Projected Traffic**

- **Veterans Parkway**: Existing AADT (25,000 vpd) + proposed trips (1,048 vpd) = 26,048 vpd.
  - The additional 1,048 trips represent a 4.2% increase in daily traffic, considered moderate.
- Charleston Way: Existing AADT (1,500 vpd) + proposed trips (primarily townhomes, ~576 vpd) = 2,076 vpd.
  - The 38.4% increase on Charleston Way is significant due to its low existing volume.

# **Projected Level of Service**

- **Veterans Parkway**: The additional 79 AM peak and 99 PM peak trips are unlikely to degrade LOS from C to D, as the arterial has sufficient capacity. Signalized intersections (e.g., near Woodruff Farm Road) may experience minor increases in delay but are expected to remain at LOS C with proper signal timing adjustments.
- **Charleston Way**: The increase in traffic (41.6 AM peak and 49.6 PM peak trips from townhomes) may degrade LOS from A to B during peak hours, still within acceptable limits for a local road.

#### **Road Network**

- Veterans Parkway: A robust arterial with signalized intersections and turn lanes, capable of handling additional traffic. The corridor is part of GDOT's state route system, with ongoing maintenance and signal optimization (GDOT Quick Response Program).
- **Charleston Way:** A local road with limited capacity. The proposed townhome access may require widening or turn lanes to accommodate increased traffic.
- **Nearby Intersections**: The intersection of Veterans Parkway and Woodruff Farm Road (0.5 miles south) is a critical node. Existing signalization and turn lanes mitigate congestion, but additional trips may necessitate signal retiming.

#### Access

- 8828 Veterans Parkway (Single-Family Houses):
  - Primary access via a new entrance on Veterans Parkway, requiring a rightin/right-out configuration due to the median. A left-turn lane may be needed for southbound access, subject to GDOT approval.
  - Secondary access via an internal road connecting to Charleston Way, reducing direct trips on Veterans Parkway.
- 4885 Charleston Way (Townhomes):
  - o Primary access via Charleston Way, with a potential full-access driveway.
  - A secondary connection to the single-family development's internal road network is recommended to distribute traffic and reduce Charleston Way's load.
- **Considerations**: Access points must comply with GDOT's driveway permit requirements and Columbus's zoning ordinance for PUDs. A traffic signal warrant analysis may be needed if full access is proposed on Veterans Parkway.

#### **Community Context**

The project is located in a growing area of Columbus, with nearby residential subdivisions (e.g., Sears Woods, Chatham Woods) and commercial centers along Veterans Parkway. Community concerns, as noted in local reports, include increased traffic impacting neighborhood quality and safety (Columbus Ledger-Enquirer, 2024). The proposed single-family houses and townhomes align with the area's residential character, but residents have expressed concerns about traffic on local roads like Charleston Way. The

development's design, with single-family units buffering existing neighborhoods, mitigates visual and noise impacts. A planned neighborhood commercial center (if included in the PUD) could reduce external trips by providing local amenities.

#### **Conclusions and Recommendations**

The proposed development of 50 single-family houses and 80 townhomes at 8828 Veterans Parkway and 4885 Charleston Way will generate approximately 1,048 daily trips, with 79 AM peak and 99 PM peak trips. The impact on Veterans Parkway is minimal (4.2% increase), maintaining LOS C. Charleston Way will experience a significant increase (38.4%), potentially degrading LOS to B, which remains acceptable but warrants mitigation.

#### Recommendations:

# 1. Access Design:

- Install a right-in/right-out driveway on Veterans Parkway for single-family houses, with a potential left-turn lane subject to GDOT approval.
- Provide a full-access driveway on Charleston Way for townhomes, with a turn lane if warranted by volume.
- Develop an internal road network connecting the single-family and townhome sections to distribute traffic.
- 2. **Traffic Signal Optimization**: Coordinate with GDOT to retime signals at Veterans Parkway and Woodruff Farm Road to accommodate additional trips.
- 3. **Road Improvements**: Consider widening Charleston Way or adding turn lanes to handle increased townhome traffic.
- Community Engagement: Address resident concerns through public meetings, emphasizing traffic mitigation measures and the buffering effect of single-family units.
- 5. **Traffic Study**: Conduct a detailed intersection analysis at Veterans
  Parkway/Woodruff Farm Road and Charleston Way access points to confirm LOS
  and signal warrants post-development.
- 6. **Pedestrian and Bicycle Facilities**: Include sidewalks and bike lanes within the development to connect to existing trails, enhancing multimodal access and reducing vehicle trips.

This development aligns with Columbus's growth patterns but requires careful access planning and minor road improvements to maintain acceptable traffic conditions and community goodwill.