

# KNOXVILLE/KNOX COUNTY METROPOLITAN PLANNING COMMISSION SUBDIVISION REPORT - CONCEPT/USE ON REVIEW

▶ FILE #: 8-SA-18-C AGENDA ITEM #: 13

8-A-18-UR AGENDA DATE: 9/13/2018

POSTPONEMENT(S): 8/9/2018

► SUBDIVISION: POST OAK BEND

► APPLICANT/DEVELOPER: POST OAK BEND, LLC

OWNER(S): Post Oak Bend LLC

TAX IDENTIFICATION: 155 82.02 AND PART OF 77 <u>View map on KGIS</u>

JURISDICTION: County Commission District 4

STREET ADDRESS: 2616 Tooles Bend Rd

► LOCATION: Northeast side of Tooles Bend Rd., northeast side of I-140, south of S.

Northshore Dr.

SECTOR PLAN: Southwest County

GROWTH POLICY PLAN: Rural Area

WATERSHED: Tennessee River

► APPROXIMATE ACREAGE: 260.51 acres

ZONING:
PR (Planned Residential)

EXISTING LAND USE: Residences, farmland and vacant land

▶ PROPOSED USE: Detached and attached residential lots and multi-dwelling development

SURROUNDING LAND

North: Residences and vacant land - A (Agricultural)

USE AND ZONING: South: I-140 and residences - OS-1 (Open Space Preservation) and PR

(Planned Residential)

East: Tennessee River - F (Floodway)

West: I-140 and residences - OS-1 (Open Space Preservation) and A

(Agricultural)

► NUMBER OF LOTS: 382

SURVEYOR/ENGINEER: Batson, Himes, Norvell & Poe

ACCESSIBILITY: Access is via Tooles Bend Rd., a minor collector street with an 18'-20'

pavement width within a 50' right-of-way.

SUBDIVISION VARIANCES

**REQUIRED:** 

Variances requiring Planning Commission approval.:

1. Horizontal Curve variance on Road A at STA 1+00, from 250ft to

175ft.

2. Horizontal Curve variance on Road A at STA 7+75, from 250ft to

125ft.

3. Horizontal Curve variance on Road C at STA 16+00, from 250ft to

100ft.

4. Horizontal Curve variance on Road F at STA 40+00, from 250ft to

200ft.

5. Horizontal Curve variance on Road F at STA 45+50, from 250ft to

200ft.

- 6. Horizontal Curve variance on Road J at STA 5+50, from 250ft to 150ft.
- 7. Horizontal Curve variance on Road L at STA 3+50, from 250ft to 200ft.
- 8. Horizontal Curve variance on Road L at STA 7+00, from 250ft to 200ft.
- 9. Horizontal Curve variance on Road M at STA 57+00, from 250ft to 200ft.
- 10. Broken Back Tangent variance on Road J at STA 5+73 to STA 7+05 from 150ft to 132ft.
- 11. Reverse Curve Tangent variance on Road B at STA 21+00 to STA 21+43 from 50ft to 24ft.
- 12. Vertical Curve variance on Road C at STA 18+00 from 750ft to 600ft (K from 25 to 20) (private).
- 13. Vertical Curve variance on Road C at STA 21+40 from 125ft to 100ft (K from 25 to 20) (private).
- 14. Vertical Curve variance on Road E at STA 7+75 from 133ft to 80ft (K from 25 to 15).
- 15. Vertical Curve variance on Road F at STA 13+25 from 695ft to 575ft (K from 25 to 20.7).
- 16. Vertical Curve variance on Road L at STA 3+25 from 325ft to 195ft (K from 25 to 15) (private).
- 17. Vertical Curve variance on Road L at STA 8+00 from 250ft to 150ft (K from 25 to 15) (private).

Waivers approved by Knox County Department of Engineering and Public Works:

- 1. Roadway grade waiver on Road B at STA 20+97 to STA 24+07 from 12% to 15% (private).
- 2. Roadway grade waiver on Road C at STA 10+75 to STA 18+00 from 12% to 15% (private).
- 3. Roadway grade waiver on Road C at STA 18+00 to STA 21+59 from 12% to 15% (private).
- 4. Roadway grade waiver on Road F at STA 2+25 to STA 13+25 from 12% to 12.85%.
- 5. Roadway grade waiver on Road F at STA 13+25 to STA 21+45 from 12% to 15%.
- 6. Roadway grade waiver on Road L at STA 3+25 to STA 8+00 from 12% to 15% (private).
- 7. Intersection grade waivers from 1% to 3%.

#### STAFF RECOMMENDATION:

► APPROVE variances 1-17 because the site's topography restricts compliance with the Subdivision Regulations and variances will not create a traffic hazard.

#### **APPROVE the Concept Plan subject to 20 conditions:**

- 1. Implementation of the street and intersection improvements and recommendations outlined in the Traffic Impact Study prepared by CDM Smith, as last revised on July 26, 2018, and approved by the Knox County Department of Engineering and Public Works, Tennessee Department of Transportation (TDOT), and Planning Commission staff. The design details and timing of the installation of the improvements shall be worked out with the Knox County Department of Engineering and Public Works and TDOT during the design plan stage for the subdivision.
- 2. Installation of the intersection improvements (signalized intersection) for S. Northshore Drive at Tooles Bend Road by the Knox County Department of Engineering and Public Works. Knox County and the developer have entered into a Memorandum of Understanding regarding the shared costs of the improvements for this intersection.
- 3. Installation of the safety improvements to Tooles Bend Road by the Knox County Department of Engineering and Public Works that will include new guardrails, rumble stripes, centerline improvements, signage, shoulder improvements and a flashing warning beacon at the intersection of Tooles Bend Road and Badget Road. The

developer shall be responsible for the costs of these improvements as worked out with the Knox County Department of Engineering and Public Works.

- 4. Installation of the required intersection improvements for the northern entrance of the subdivision prior to any final plat being approved for this subdivision. The entrance improvements include a shifting of Tooles Bend Road towards the developers property in order to accommodate a left turn lane into the development and increase available sight distance through the curve and at the entrance. The design will also include improving the driveway access for the house directly across Tooles Bend Road (Tax Parcel 155 066). The design and timing details for these improvements are to be worked out during the design plan process for the subdivision. Tooles Bend Road shall remain open during the construction of the street realignment. All costs associated with these improvements are the responsibility of the developer.
- 5. Installation of safety improvements to Tedford Lane by the Knox County Department of Engineering and Public Works.
- 6. The second (southern) entrance for the development shall be constructed and approved for use prior to the 150th lot for the subdivision being approved through the final plat process.
- 7. Obtaining all applicable permits from the Tennessee Department of Transportation (TDOT) for any work within the TDOT right-of-way.
- 8. Provision of street names which are consistent with the Uniform Street Naming and Addressing System within Knox County (Ord 91-1-102).
- 9. The sewer treatment facility proposed to serve this development shall be approved, constructed and accepted by the First Utility District of Knox County prior to any final plat being approved for this subdivision.
- 10. Any required upgrades of water lines by the First Utility District of Knox County shall be installed prior to any final plat being approved for this subdivision.
- 11. Installation of all sidewalks and walking trails as identified on the concept plan. Sidewalks shall meet all applicable requirements of the Americans with Disabilities Act (ADA) and the Knox County Department of Engineering and Public Works. A bond shall be provided to the Knox County Department of Engineering and Public Works by the developer in an amount sufficient to guarantee the installation of the sidewalks.
- 12. Meeting all applicable requirements of the Knox County Department of Engineering and Public Works.
- 13. Obtaining all applicable permits from the Tennessee Department of Environment and Conservation (TDEC).
- 14. Obtaining all applicable permits from the Tennessee Valley Authority (TVA) and Army Corps of Engineers.
- 15. A final plat shall not be accepted for review by the Planning Commission for any portions of the subdivision that fall within the 822' flowage easement of TVA until approval is granted by TVA for the development activity (subdivision infrastructure improvements and building sites on lots) within the flowage easement.
- 16. During the design plan stage of the subdivision, obtaining approval from the United States Postal Service of the centralized mail delivery system to be used for the subdivision. Documentation of the approved system shall be submitted to Planning Commission staff prior to final plat approval.
- 17. Placing a note on the final plat that all lots will have access only to the internal street system.
- 18. On the final plat, including any line of sight easements across lots within the subdivision as may be required by the Knox County Department of Engineering and Public Works.
- 19. Prior to certification of the first final plat for the subdivision, establishing a property owners association that will be responsible for the maintenance of the common areas, recreational amenities and drainage system.
- 20. Submitting to Planning Commission staff prior to final plat review by the Planning Commission, the certification of design plan approval form as required by the Knoxville-Knox County Subdivision Regulations.
- ► APPROVE the Development Plan for up to 198 detached and 184 attached residential units on individual lots, 240 multi-dwelling condominium units, development amenity areas, and a sewer treatment facility, subject to 3 condition.
  - 1. The site development plan for the proposed 240 multi-dwelling condominium units (stacked flats) is subject to Planning Commission staff review and approval prior to issuance of any building permits for this phase of the development. The applicant shall document that the stacked flats comply with the height restrictions of Tennessee Code Annotated, Section 54-17-0114(Q) since the site is located within the Scenic Highway corridor.
  - 2. Installation of the amenity areas as identified on the concept plan and Post Oak Bend Master Plan. Site development plans for the amenity areas are subject to Planning Commission staff review and approval prior to issuance of any grading or building permits for each amenity area.
  - 3. Meeting all applicable requirements of the Knox County Zoning Ordinance.

With the conditions noted, this plan meets the requirements for approval in the PR zone and the other criteria for approval of a Use on Review.

#### **COMMENTS:**

#### PROPOSED DEVELOPMENT SUMMARY:

The applicant is proposing to develop this 415.04 acre property which is located on the northeast side of Tooles Bend Rd. and I-140 with a mix of detached and attached residential lots and multi-dwelling condominium units. The proposed development will include 198 detached residential lots, 184 attached residential lots and 240 multi-dwelling condominium units (stacked flats) for a total of 622 dwelling units. While the property includes 415.04 acres, only the land area (260.51 acres) above the 813 contour (summer pool for the lake) is used for calculating density. The proposed density for this development will be 2.39 du/ac.

There are several amenity areas proposed for the development including a clubhouse, pool, playgrounds, community docks, fishing pier and several pocket parks. Sidewalks and walking trails are also being provided throughout the development. Approximately 80 acres of common area are included in the development which accounts for 31% of the land area above the 813 contour.

#### ZONING AND SECTOR PLAN BACKGROUND:

On September 19, 1988, Knox County Commission adopted the "Pellissippi Parkway Extension Corridor Study" as an amendment to the Southwest County Sector Plan. The Plan as amended recommended that the Tooles Bend "area remain in agricultural zoning which allows one (1) dwelling unit per acre until and unless urban services such as sewer, water, and the improving of Tooles Bend Road are provided. At this time it is recommended this area develop as Low Density Residential."

This property was rezoned by Knox County Commission on September 27, 1993 to PR (Planned Residential) with a density range of 1-3 du/ac.

#### TRAFFIC IMPACT STUDY:

A Level II Traffic Impact Study (TIS) that was prepared by CDM Smith was submitted with the concept plan application for review by Knox County Department of Engineering and Public Works, TDOT and Planning Commission staff. Following staff review the TIS was revised on July 26, 2018. A copy of the Summary and Recommendations from the study is included in the packet. At the request of the Knox County Department of Engineering and Public Works, the developer's traffic engineer conducted a safety assessment of Tedford Lane. A copy of that report is attached. The Knox County Department of Engineering and Public Works will be utilizing the report as a basis for installing safety improvements along Tedford Lane.

During the past few weeks the issue has been raised that a Level III Traffic Impact Study should have been conducted for the proposed development. It is staff's position that the Study prepared and reviewed for this development is the appropriate level of review. You can refer to staff's analysis of this issue in MPC Executive Director Gerald Green's letter to Bryan Spears, Northshore Corridor Association dated September 5, 2018 (Included in the packet. See item 2 response).

Staff has recommended five conditions regarding road improvements to address the traffic impact from the proposed development.

#### **UTILITY AVAILABILITY:**

The developer has been in discussions with First Utility District of Knox County (FUD) regarding water and sewer service being provided to serve this development. Based on those discussions, a sewer treatment facility is being proposed to serve this development. The developer will be providing the land for the facility. FUD is proposing to size the facility to meet the needs of the proposed development and serve the Tooles Bend peninsula. The developer will be responsible for their share of the facility. The developer is also aware that they may be responsible for upgrading water service to the area. Staff has added conditions that any upgraded water service lines and the sewer treatment facility proposed to serve this development shall be approved, constructed and accepted by the First Utility District of Knox County prior to any final plat being approved for this subdivision.

EFFECT OF THE PROPOSAL ON THE SUBJECT PROPERTY, SURROUNDING PROPERTY AND THE COMMUNITY AS A WHOLE

- 1. The proposed residential development is subject to approval and installation of a sewer treatment facility and potential water line upgrades in order to provide adequate utility services for the development.
- 2. The proposed residential subdivision at a density of 2.39 du/ac, is consistent in use and density with the approved zoning for the property.

3. With the recommended street improvements as identified in the Traffic Impact Study and the recommended conditions for approval, traffic flow in the area will continue to function at acceptable levels.

# CONFORMITY OF THE PROPOSAL TO CRITERIA ESTABLISHED BY THE KNOX COUNTY ZONING ORDINANCE

- 1. With the recommended conditions, the proposed subdivision is consistent with all relevant requirements of the PR zoning, as well as other criteria for approval of a use on review.
- 2. The development is consistent with the following general standards for uses permitted on review: The proposal is consistent with the adopted plans and policies of the General Plan and Sector Plan. The use in is harmony with the general purpose and intent of the Zoning Ordinance. The use will not significantly injure the value of adjacent property since the majority of the property adjoins I-140 and the Tennessee River. The use will not draw additional traffic through residential areas since the development has access to a collector street.

#### CONFORMITY OF THE PROPOSAL TO ADOPTED MPC PLANS

- 1. The Southwest County Sector Plan proposes rural residential uses for this site. The Pellissippi Parkway Extension Corridor Study" that was added as an amendment to the Southwest County Sector Plan recommends that the Tooles Bend area develop as low density residential when urban services such as sewer, water, and improvements to Tooles Bend Road are provided. The proposed concept plan includes recommendations that will provide water and sewer service and improve Tooles Bend Road. At a proposed density of 2.39 du/ac (low density is up to 5 du/ac) the subdivision is in conformance with the Sector Plan.
- 2. This site is located within the Rural Area on the Knoxville-Knox County-Farragut Growth Policy Plan map.

ESTIMATED TRAFFIC IMPACT: A traffic impact study was prepared by the applicant. The findings of that study were used in formulating the recommendations of this staff report.

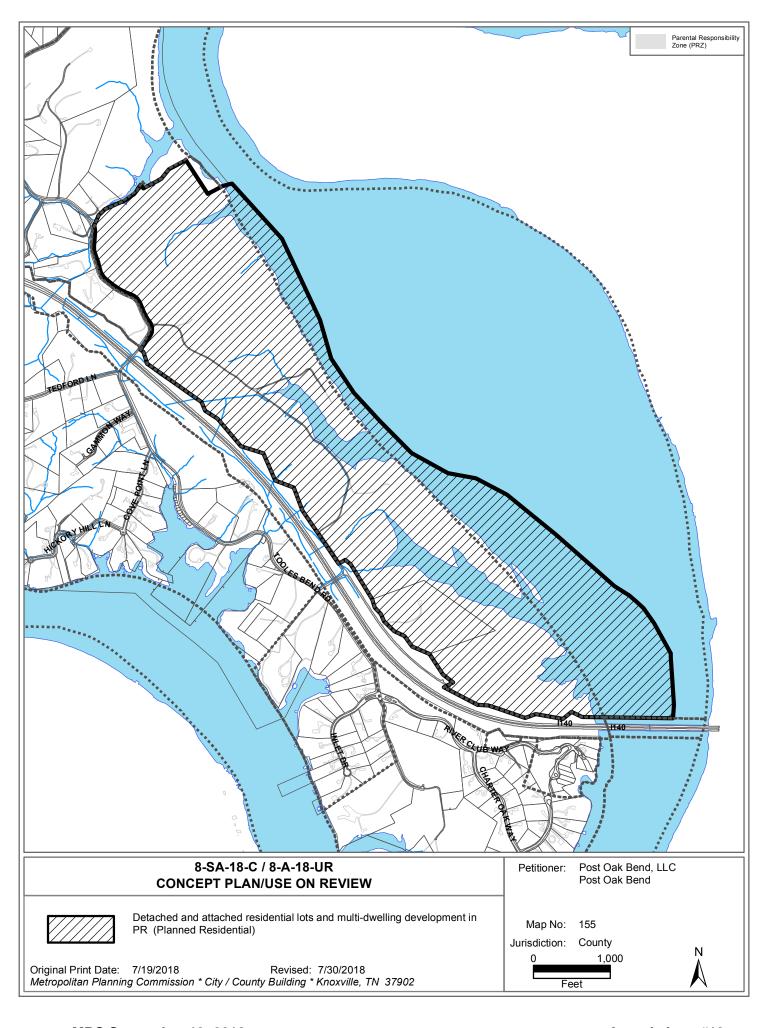
ESTIMATED STUDENT YIELD: 98 (public school children, ages 5-18 years)

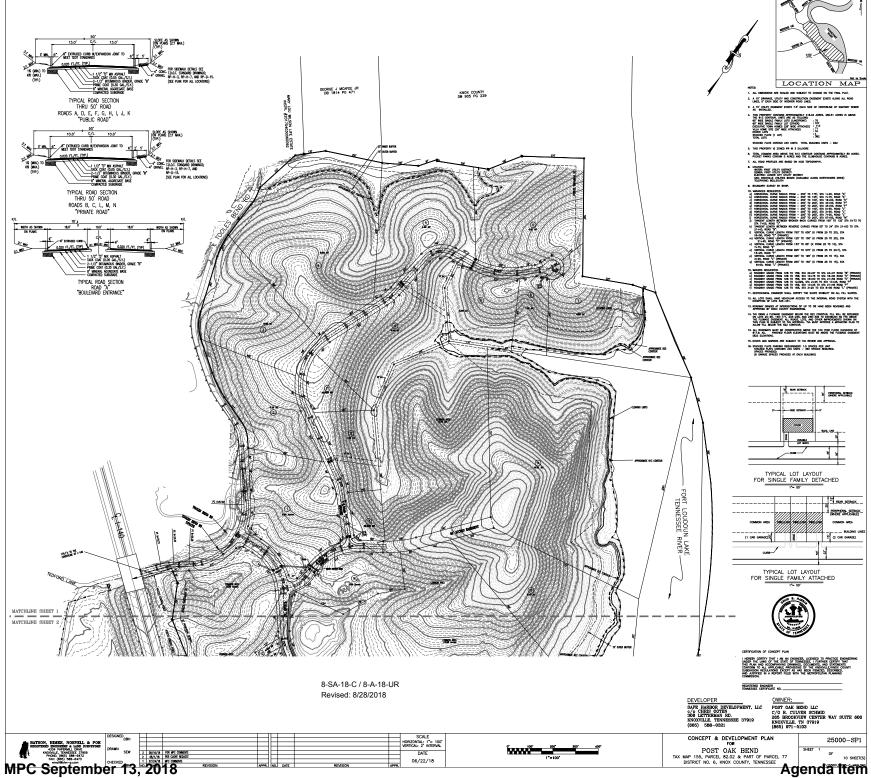
Schools affected by this proposal: Rocky Hill Elementary, West Valley Middle, and Bearden High.

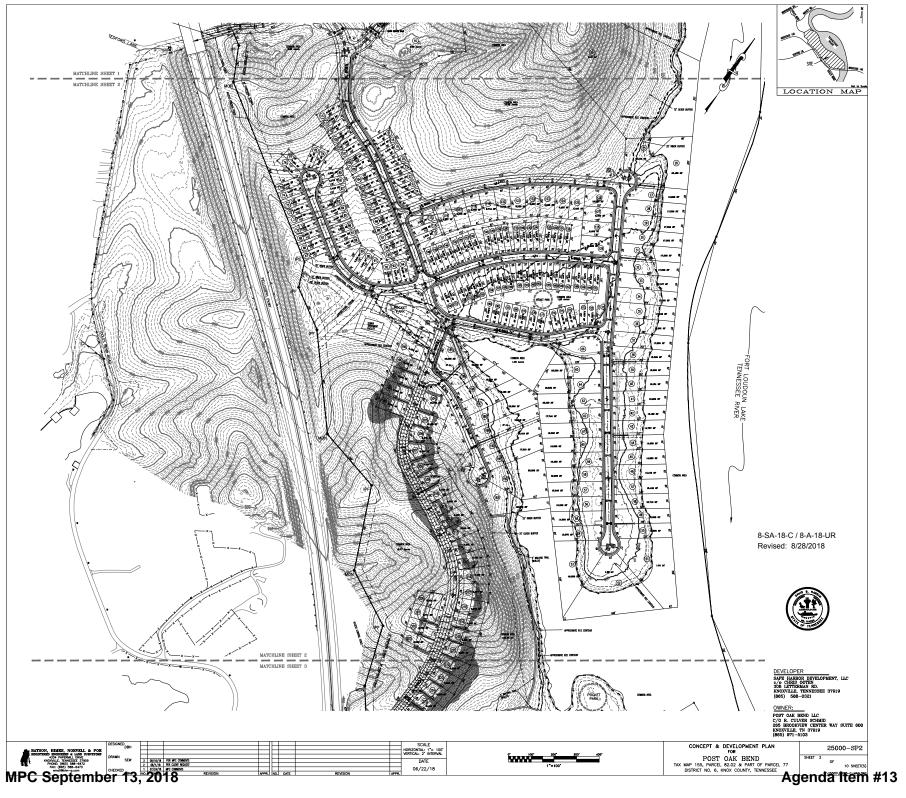
- School-age population (ages 5–18) is estimated by MPC using data from a variety of sources.
- Students are assigned to schools based on current attendance zones as determined by Knox County Schools. Zone boundaries are subject to change.
- Estimates presume full build-out of the proposed development. Build-out is subject to market forces, and timing varies widely from proposal to proposal.
- Student yields from new development do not reflect a net addition of children in schools. Additions occur incrementally over the build-out period. New students may replace current population that ages through the system or moves from the attendance zone.

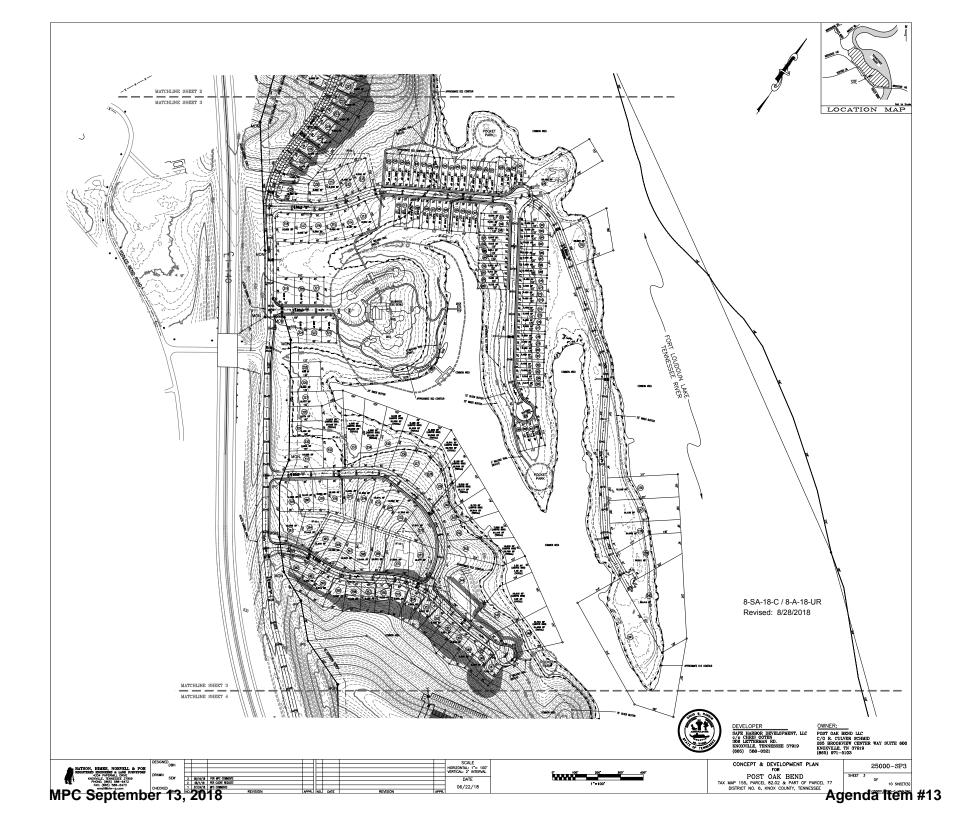
MPC's approval or denial of this concept plan request is final, unless the action is appealed to Knox County Chancery Court. The date of the Knox County Chancery Court hearing will depend on when the appeal application is filed.

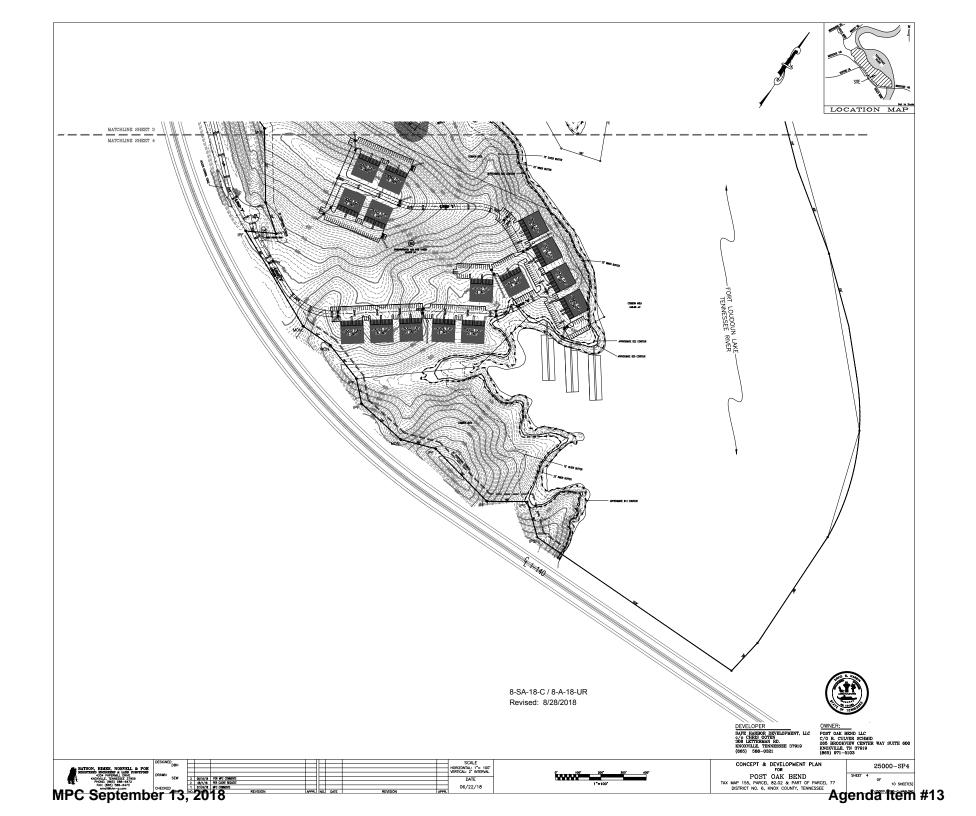
MPC's approval or denial of this use on review request is final, unless the action is appealed to the Knox County Board of Zoning Appeals. The date of the Knox County Board of Zoning Appeals hearing will depend on when the appeal application is filed.

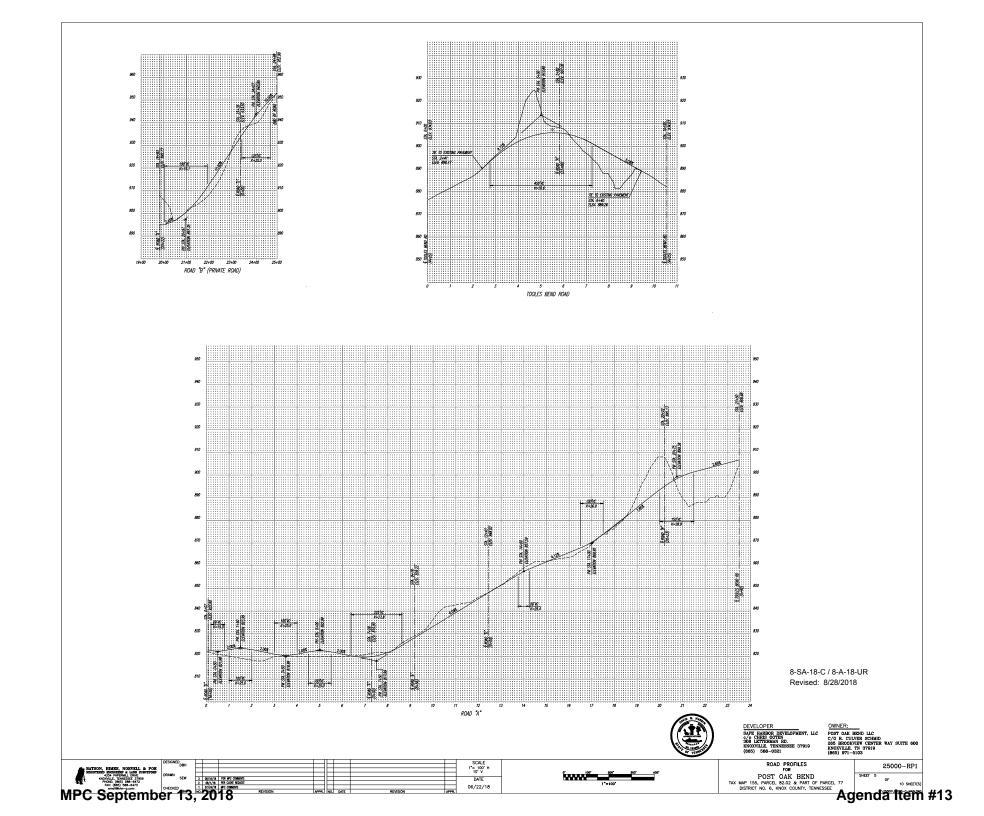


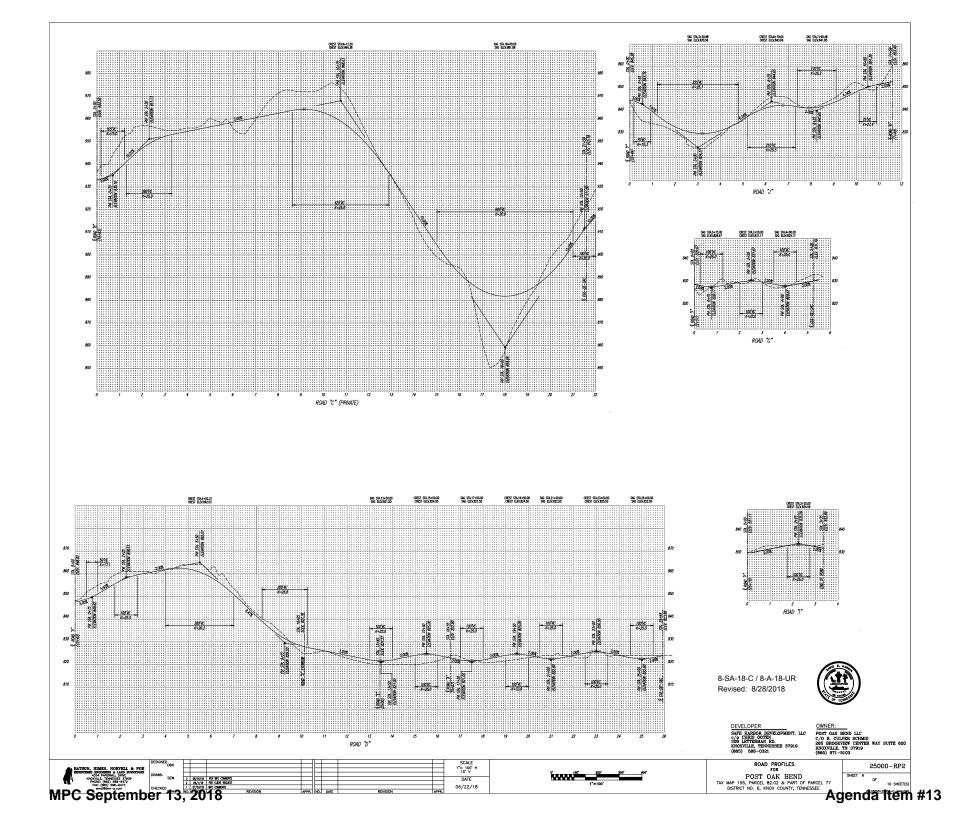


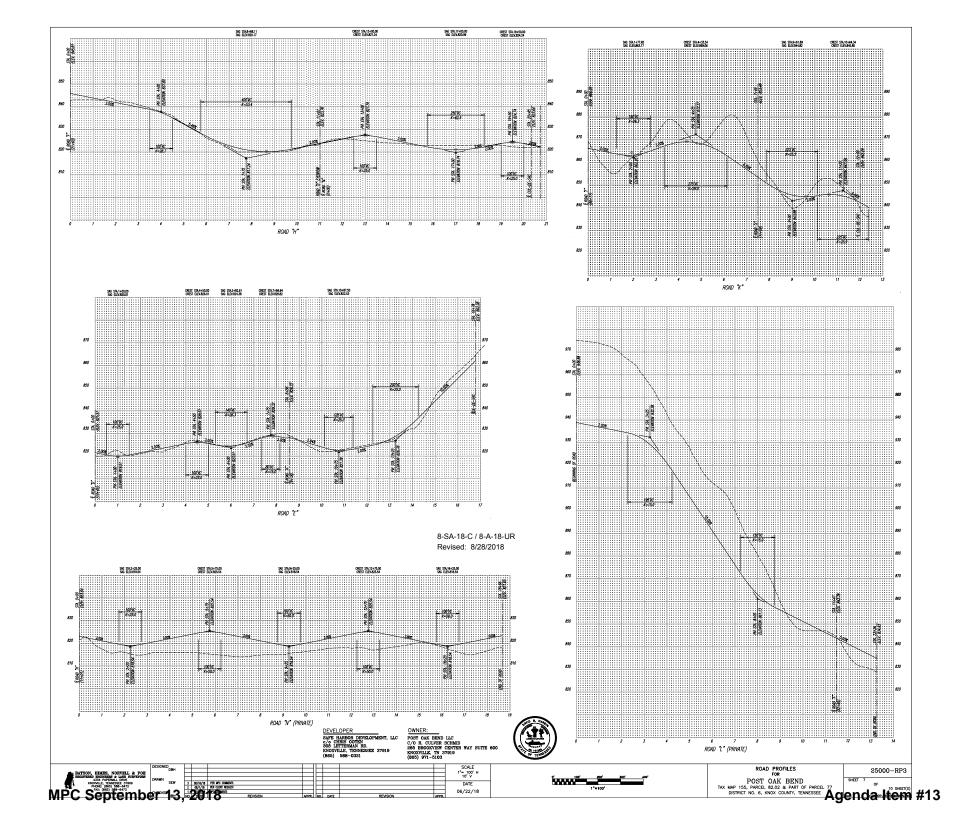


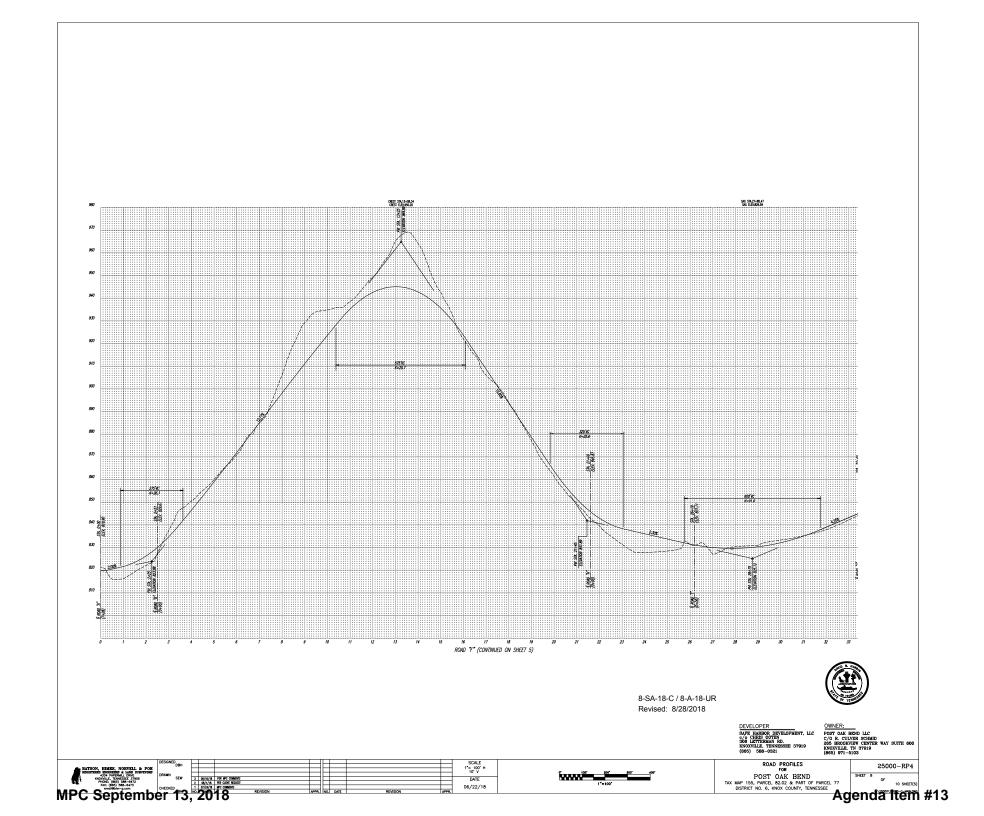


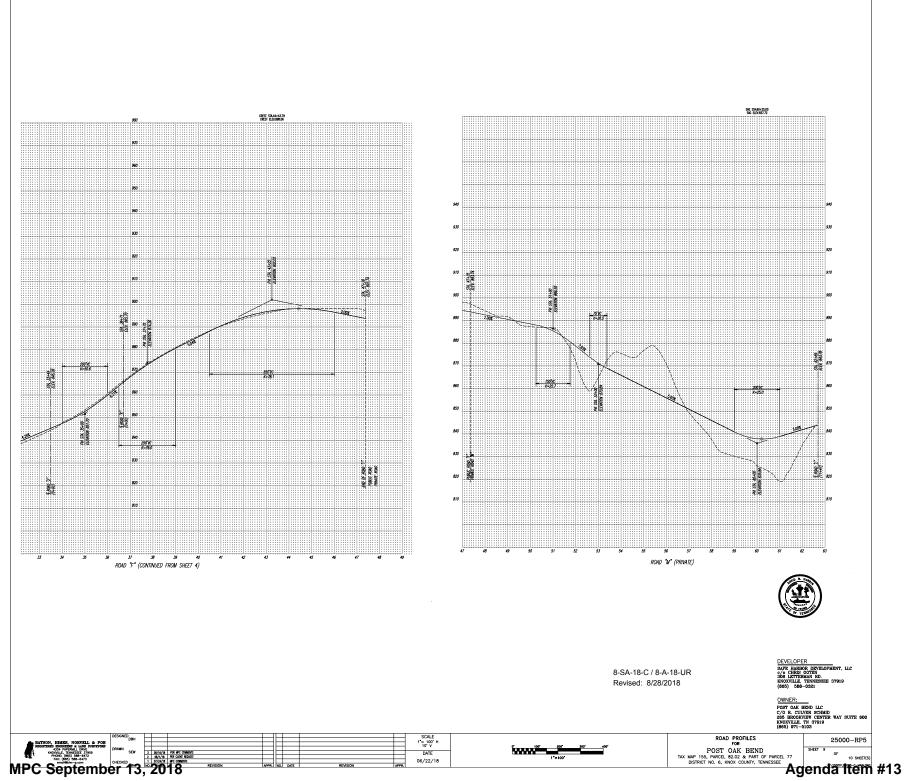


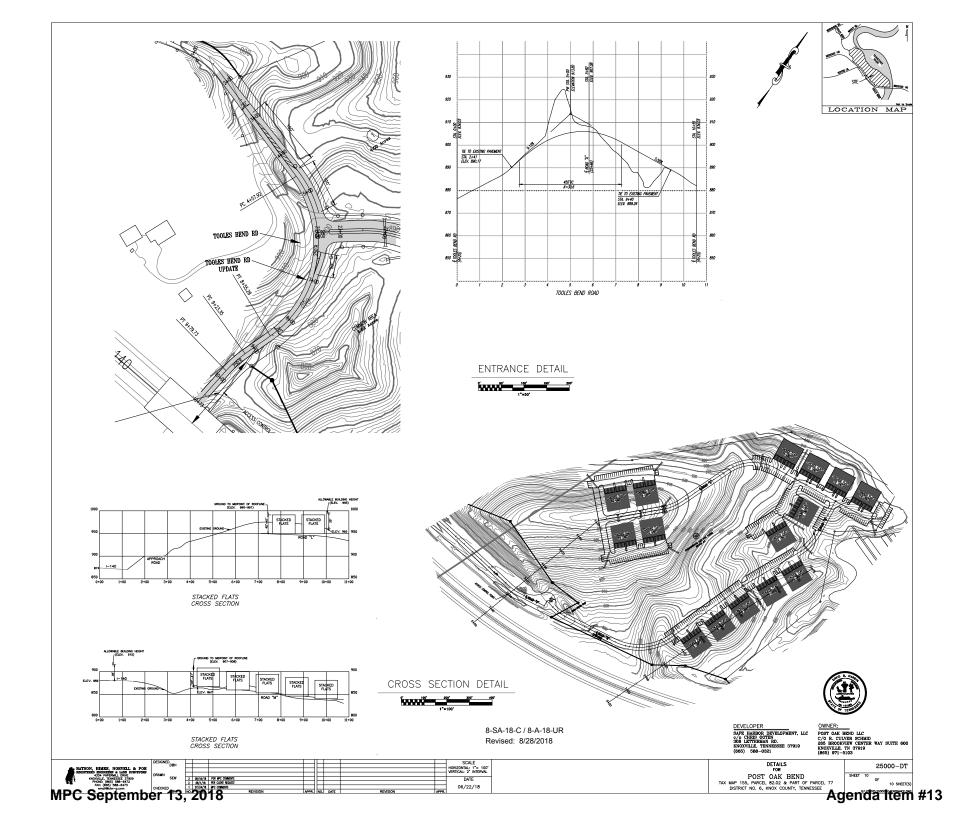














1100 Marion St., Suite 300 Knoxville, Tennessee 37921

tel: 865, 963,4300 fax: 865, 963,4301

## 8-SA-18-C / 8-A-18-UR

July 25, 2018

Ms. Cindy Pionke, PE Director of Planning and Development Knox County engineering and Public Works 205 W. Baxter Avenue Knoxville, TN 37917

**RE: Tedford Lane Safety Improvements** 

Dear Ms. Pionke:

On behalf of Riverside Ventures, Chris Ooten requested that CDM Smith undertake a safety assessment of Tedford Lane from Tooles Bend Road to Keller Bend Road. We understand that you requested this assessment at the developer meeting so that you could be informed of improvement options available to you. This effort is being funded by Riverside Ventures as a part of their proposed Post Oak Bend Subdivision Development on Tooles Bend Road near Pellissippi Parkway.

As you know, Tedford Lane is a Minor Collector and therefore was part of the 2016 Strategic Safety Plan we developed for Knox County. Findings from that study include the following:

- 1. Tedford Lane was divided into 2 segments:
  - Section 1 from Keller Bend Road to Neely Lane- 16 feet wide and AADT of 1,266
  - Section 2 from Neely Lane to Tooles Bend Road- 14 feet wide (based on TRIMS data but CDM Smith measured it to be 16 to 17 feet wide) and AADT of 585
- 2. Section 1 of Tedford Lane had no reported crashes in the 4-year reporting period of 2012-2015. Section 2 had 6 crashes with 5 being lane-departures and 1 was of unknown type. (attached to this letter you will find an illustration depicting the crash locations and types)
- 3. Section 1 had a crash ranking of 548 and Section 2 had a crash ranking of 224. Section 2 had its crash score increased because the volume/AADT relationship was above the minimum standard line (MSL).
- 4. Two of the crashes in Section 2 were injury crashes.

Tedford Lane is 16 to 17 feet wide in most segments based on our field measurements.



Ms. Cindy Pionke, PE July 25, 2018

Page 2

Our assessment of Tedford Lane included an inventory of the signs and markings that exist now and recommendations for safety enhancements. The attached illustration depicts existing conditions and proposed improvements to Tedford Lane. The assessment focused on Section 2, from Neely Lane to Tooles Bend.

The following is a list of recommendations proposed to improvement safety on Tedford Lane:

- 1. Replace the Deer sign (W11-3) on the east end and add one on the west end.
- Replace all existing guardrail in kind. However, on the western-most existing run of guardrail, it should be extended as shown.
- 3. Add Intersection Warning (W2-3) signs on each side of Kelsey Lane.
- 4. We concur with the Reverse Turn (W1-3) signs and 15 mph advisory speed plaques.
- 5. We concur with the Narrow Road and 20 mph speed plaques.
- 6. Add Arrow signs as shown. (3 new signs).
- Repave the road and consider adding a centerline in segments that are 17-feet or wider. This
  recommendation is contrary to Knox County's policy of having a centerline on roads that are 18 feet or
  wider.
- 8. Add 2 new runs of guardrail as shown. One would be on the north side of Tedford Lane in the reverse turn area and the other would be near Neely Lane on the south side of the road.

These recommendations will improve safety on Tedford Lane, though the crash history suggest it is a relatively safe road compared to other similar roads in Knox County. CDM Smith believes that safety improvements to Tedford Lane are worthwhile, but most of the roadway improvement investment should be reserved for Tooles Bend Road.

Sincerely,

W. Hollis Loveday, PE Principal

W. Holli Lauday

CDM Smith, Inc.

Document Code

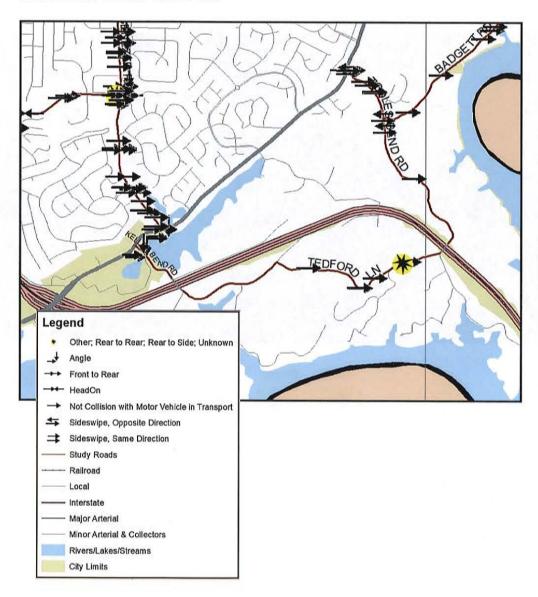


Ms. Cindy Pionke, PE July 25, 2018

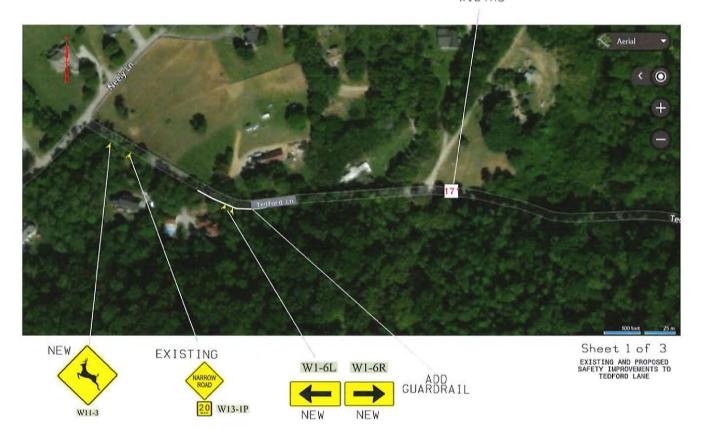
Page 3

Cc: Chris Ooten

Crash Type and Location- Tedford Lane



#### ROADWAY WIDTHS









Sheet 3 of 3
EXISTING AND PROPOSED SAFETY IMPROVEMENTS TO TEOFORD LANE

# POST OAK BEND SUBDIVISION

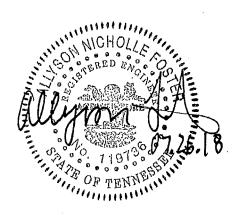
KNOXVILLE, TENNESSEE

# TRAFFIC IMPACT STUDY

8-SA-18-C 8-A-18-UR

Submitted to:

# **Safe Harbor Development**



June 2018
Revised July 2018
Submitted by:

CDM Smith, Inc. 1100 Marion Street, Suite 300 Knoxville, Tennessee 37921

# Chapter 4- Summary and Recommendations

Post Oak Bend Subdivision would be constructed over an approximate 10-year period and ultimately contain 670 total residential units at buildout. A 48-lot single family component is included but would be separated from the main development. Two access roads that intersect Tooles Bend Road are proposed for the primary tract of land. Access to this smaller tract would be on Tooles Bend Road, just south of Tedford Lane. The remainder of this chapter describes the recommendations developed based on the traffic analysis, and **Table 3** details a summary of the capacity and LOS analyses conducted for the study.

## South Northshore Drive at Tooles Bend Road

The proposed Post Oak Bend Subdivision will generate enough traffic to justify improvements to the intersection of South Northshore Drive and Tooles Bend Road. A traffic signal and roundabout are both viable options. With both alternatives, Tooles Bend Road needs to be realigned to intersect South Northshore Drive at a 90-degree angle. More discussion on both alternatives is provided in the following paragraphs.

#### Traffic Signal

Install a 100-foot southbound South Northshore Drive left turn lane with a 320-foot approach taper and 110-foot bay taper. There is a northbound left turn lane on South Northshore Drive at Bickerstaff Boulevard that has a taper ending 220 feet east of Tooles Bend Road. That taper will have to be modified to construct a new left turn lane on South Northshore Drive for Tooles Bend Road. Alternatively, it will be more effective to construct a continuous left turn lane between Bickerstaff Boulevard and Tooles Bend Road.

Install a 150-foot northbound right turn lane on South Northshore Drive at Tooles Bend Road with a 300-foot approach taper.

Widen Tooles Bend Road at South Northshore Drive to allow for two 175-foot turn lanes, one left and one right. This would require a 180-foot approach taper, assuming the taper is directed to the right.

When warranted, in approximately 2022, install a traffic signal.

Improvements to this intersection should come in two phases, with phase one to include building the turn lanes and phase two installing the traffic signal. Phase one construction can include as much of the traffic signal equipment as feasible.

#### Roundabout

A single lane roundabout is a viable option but would need to include a northbound South Northshore Drive right turn bypass lane. The design details have not been developed for this report. Unlike a traffic signal that should be constructed when warranted, a roundabout could be constructed at any time because it is not tied to warrants.



#### **Traffic Signal and Roundabout Comparison**

It is CDM Smith's belief that a roundabout at this intersection will function at an acceptable LOS. In the PM peak hour, the HCS 2010 results project an overall LOS D. By comparison, a traffic signal will operate at LOS B. As drivers get better acquainted with roundabouts, the LOS will likely improve.

In considering whether to select a traffic signal or a roundabout, the following factors will be extremely important:

- Maintenance of traffic
- Drainage impacts
- ROW needs
- Environmental impacts
- Disruptions to driveways
- Cost
- Community acceptance
- Commuter acceptance
- Service life
- Schedule and improvement phasing

In fact, these factors will determine which improvement to select (signal versus roundabout) instead of which provides the better LOS and minimizes delays.

## Badgett Road at Tooles Bend Road

Looking right from Badgett Road the intersection sight distance is 220 feet, thus falling 80 feet short of the 300-foot minimum distance established by MPC for a 30 MPH road. The stopping sight distance for a 30 MPH road is 200 feet and is met. An intersection warning sign (W2-2L) should be installed on southbound Tooles Bend Road before the intersection with a 25 MPH Advisory Speed plaque (W13-1P). Improving the vertical curve would be extremely costly and may not be feasible given other transportation needs in Knox County. Additionally, no turn lanes are warranted or recommended from Tooles Bend Road to Badgett Road, and no turn lanes are recommended for the Badgett Road approach.

### North Access on Tooles Bend Road

A single approach lane to Tooles Bend Road is recommended; separate left and right turn lanes are not needed. Although it does not meet the Knox County criterion for a left turn lane, a 100-foot southbound left turn lane on Tooles Bend Road with a 150-foot approach taper and 50-foot bay taper is desired.

## South Access on Tooles Bend Road

A single approach lane to Tooles Bend Road is recommended; separate left and right turn lanes are not needed. Although it does not meet the Knox County criterion for a left turn lane, a 100-foot southbound left turn lane with a 150-foot approach taper and 50-foot bay taper is desired.

#### Tedford Road at Tooles Bend Road

No turn lanes are warranted or recommended on Tooles Bend Road to Tedford Lane, and the approach to Tooles Bend Road does not need separate turn lanes.

#### **Tooles Bend Road**

Tooles Bend Road is 20 feet wide without shoulders and there are some horizontal curves in the southern section between Badgett Road and the I-140 underpass. There were 10 crashes reported in the 4-year timespan between 2012 and 2015 with most occurring north of Badgett Road. The Knox County safety study ranked the road segment 318th in its crash evaluation, suggesting it is a safe road in comparison to others. Nevertheless, since it will be accommodating more traffic generated by Post Oak Bend Subdivision, certain improvements would enhance safety. In addition, Knox County has recently repaved and restriped the edge lines and center lines along Tooles Bend Road. The following is recommended:

- Replace the existing guardrail in the curved section south of Badgett Road where the guardrail is damaged or lower than 2.5 feet above the roadway. See Figures 15 and 16 for illustrations of these locations.
- Add centerline raised pavement markings along the corridor.
- Add edge line rumble stripes along the corridor, except where guardrails are located.

## 48-Lot Off-Site Single Family Tract

This component of the development is not included in the current site plan submitted for Use on Review, but the following recommendations should be carried out when it is constructed:

One access to Tooles Bend Road should be provided. It does not need separate left and right turn lanes on its approach to Tooles Bend Road. A left turn lane from Tooles Bend Road into the development is not warranted according to Knox County criteria and is not recommended.

The intersection sight distance of 300 feet is achievable at almost every point where the access could be provided because this section of Tooles Bend Road is straight and level. The exceptions are potentially at the extreme north or south portions of the property.





It wasn't until 1983, that Bob Goodall, Jr., established Goodall Homes, using the homebuilding knowledge he learned from his father, set out to develop a unique style of homes and communities he hadn't seen being used yet in this area. While Goodall Homes began in 1983, we adapt to the times and different lifestyles around us. We have withstood the test of time and continue to grow!

We have become the second largest homebuilder in Middle Tennessee, and have been listed in the top 10 of Nashville Business Journal's "Fastest Growing Private Companies" and The Tennessean's "Top Places to Work" for five years in a row. Now, as a Berkshire Hathaway company, Goodall Homes continues to excel.

We continue to thrive by sticking to our 6 Core Values: Glorify God by doing the right thing, Treat others like we want to be treated, Be humble, Relentlessly pursue improvement, Teach every team member to be a business owner, and to build a positive team and family atmosphere. By living by these core values, we get to achieve our company's purpose every day; to create opportunities to improve the lives of our team members, business partners, and customers.

Throughout Nashville and Knoxville, Goodall Homes designs and builds single-family homes, townhomes, courtyard cottages, villas, and condominiums—because we realize that "home" has its own meaning to you. No matter what we build and where, every home that bears the Goodall name carries our pride in craftsmanship, meticulous attention to detail, and personal commitment to our homeowners.

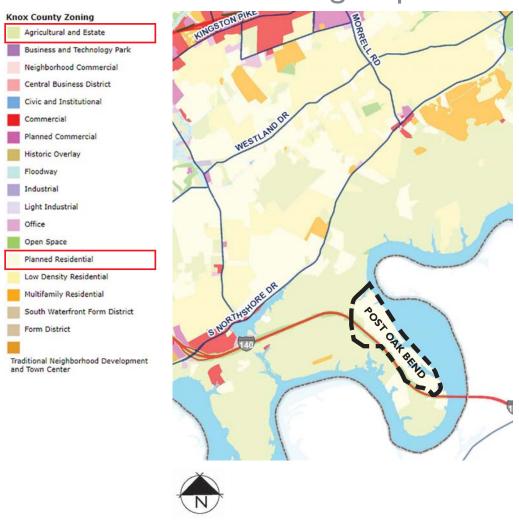
# Master Plan

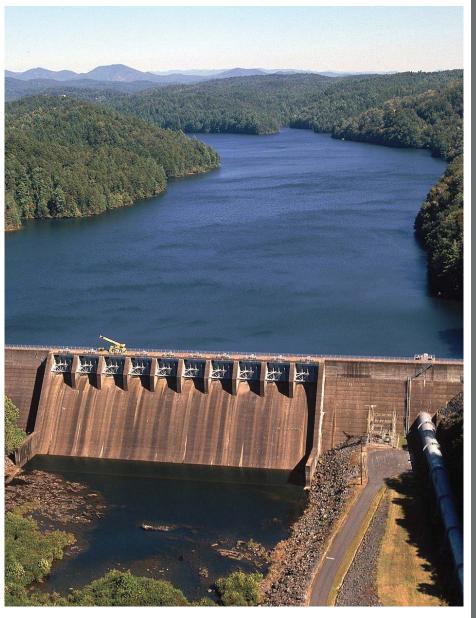
# Vicinity Map





# Zoning Map & Existing Land Use - Knox County, TN





# Master Plan







# Entry Feature TOOLES BEND ROAD ENTRY MONUMENT

**ENTRY MONUMENT** 











**MAIN ENTRY DRIVE** 

SECONDARY COLUMNS

# Amenity Area







The recreational hub of Post Oak Bend, the Amenity Center is located at the heart of the community and has something for everyone. The clubhouse sits at the top of the hill with a patio overlooking the pool area and the Lake. The beach entry pool and splash play area will keep the kids happy for hours, while the adults socialize at the cabana and relax in one of the many available gathering spaces.

Prefer being closer to the water? Take a walking trail down to the waterfront gathering areas and watch the boats come in to the community docks, or head over to the fishing pier to see if you can catch dinner!





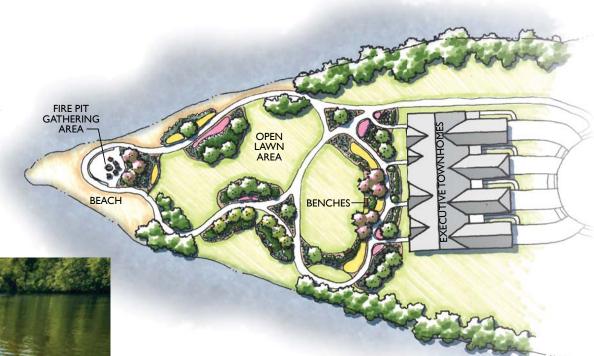


# Pocket Parks



# Pocket Parks

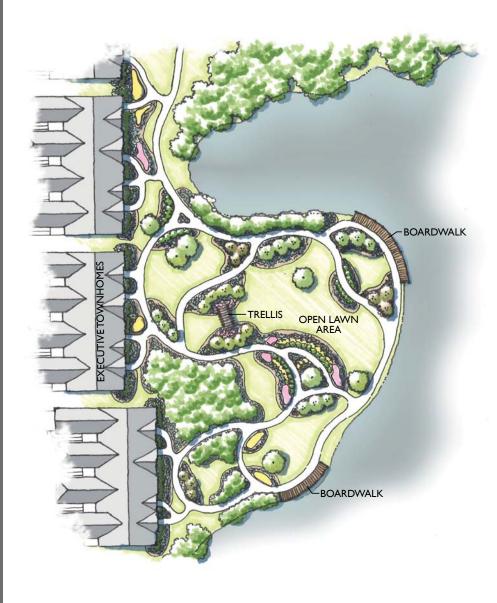






## LAKE POINTE PARK

Sure to be a favorite amongst many community residents, Lake Point Park is home to Post Oak Bend's beach area. Spend the day soaking up the sun and splashing in the shallows of Fort Loudon Lake. Then, as the sun sets, share the stories of the day with neighbors while sitting around the fire pit and looking for shooting stars.



### **BOARDWALK PARK**

As the name suggests, Boardwalk Park has two boardwalk areas perfect casting in a line, or for hopping on a boat for the day. Townhome residents will enjoy direct access, but the whole community will love exploring the space through a variety of trails and landscape areas.









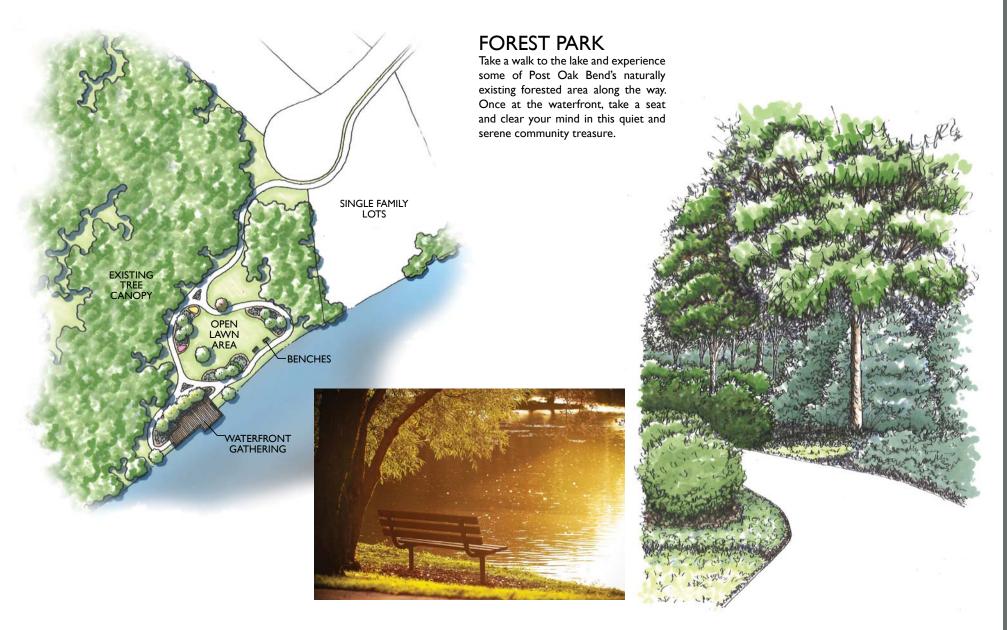


## THE GARDENS

Located at the northern end of the property, The Gardens will serve as a trail head to the overall trail system for many Post Oak Bend residents. From season to season, the walking loop will feel like a completely new experience depending on which plant species are in bloom.

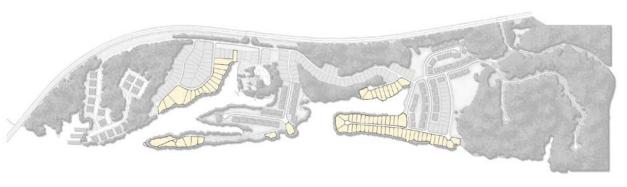


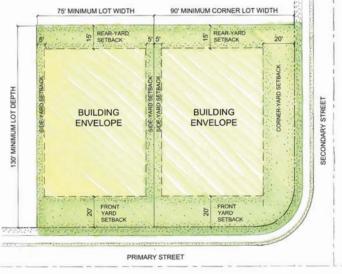




16

# Architectural Design Guidelines





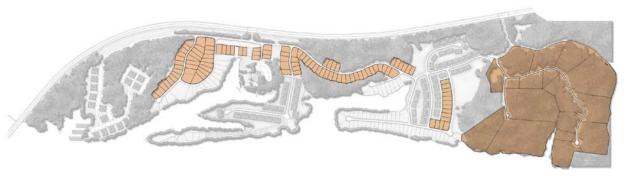




## Single-Family Lake-Front Lots



## Single-Family & Estate Lots





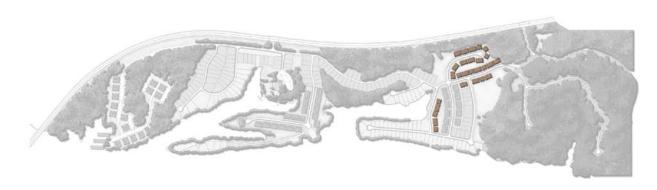






## Villa Lots

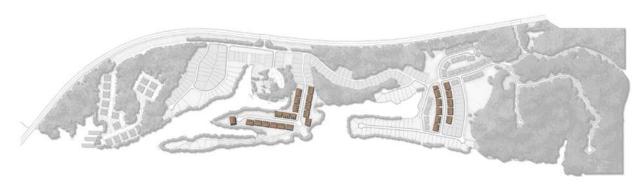






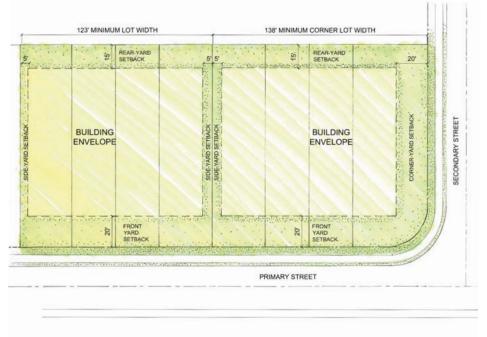


## **Executive Townhome Lots**

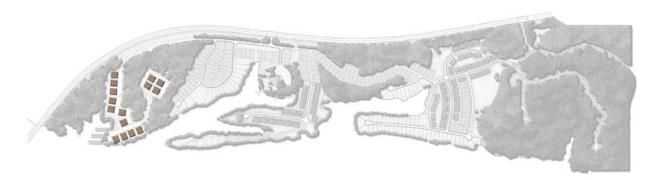








## Stacked Flats









#### MATERIALS PROPORTION LEGEND

- BOARD AND BATTS
- BO CY
- 3 SIDING
- ASSULATE SHIPS
- STANDING SEAM METAL RO
- BRICK SOLDIER COURSE
- 7 LOUVERED GRIL









## Where community comes first.

8-SA-18-C / 8-A-18-UR

July 19, 2018

Tom Brechko – Principal Planner
Knox County Metropolitan Planning Commission – Planning Services Department
400 Main Street, Suite 403
Knoxville, TN 37902

RE: Post Oak Bend Development

MPC File #8-A-18-UR

First Utility District of Knox Co. – Water & Sewer Service

Dear Mr. Brechko,

First Utility District of Knox County (FUD) met with the Post Oak Bend Development Team on July 18, 2018, to review the intended land use and utility needs for the subject project. The meeting focused on identifying the pertinent data needed to develop a plan for providing domestic water, fire protection, and sanitary sewer services. FUD will work with the Design Team to evaluate the existing distribution and collection systems, model impacts resulting from development, and develop alternatives for the required "offsite" utility improvements. FUD and the Design Team will collaboratively address the phased utility construction to be provided within the development. FUD has no objection to providing service to the Development.

Please call (865-218-3690) or email if we can be of assistance.

Best Regards,

Edwin Deyton, PE edeyton@fudknox.org

Staff Engineer

**First UD of Knox County** 

cc: FUD Staff

Chris Ooten - Safe Harbor Development

File



### [MPC Comment] 100 more people signed "Lowerl the Post Oak (the Bailey Farm) development density to avoid traffic safety issues"

2 messages

mail@changemail.org <mail@changemail.org> Reply-To: mail@changemail.org

To: commission@knoxmpc.org

Tue, Jul 31, 2018 at 8:15 PM

## **change.org** New signatures

Charles Lomax Jr – This petition addressed to you on Change.org has new activity. See progress and respond to the campaign's supporters.

Lowerl the Post Oak (the Bailey Farm) development density to avoid traffic safety issues

Petition by Tooles Bend Area Association · 100 supporters

## **100 more people** signed in the last 4 days

View petition activity

RECENT SUPPORTERS



#### **Lauren Hatcher**

Knoxville, TN · Jul 31, 2018

My grandmother as well as good friends of mine and our church is on this road, this road is NOT capable to handle this and with our elderly in our church it's not fair they could possibly but pushed off the road. There are many other locations they could build on, dont destroy the history!



#### Seema Sharma

Knoxville, TN · Jul 31, 2018

I am signing due to concerns of sewer drainage and traffic safety issues



#### **Jane Conley**

Knoxville, TN · Jul 31, 2018

The roads in this area are narrow and already carrying more far more traffic than they were designed to carry. They cannot support this development.



#### Sarah Brice

Knoxville, TN · Jul 28, 2018

I have young drivers, and traffic is already awful on Northshore. People drive so fast. I fear for the safety of my young drivers. We can't handle anymore traffic, and our schools are overflowing!!



#### **Amy Donohoe**

Oak Ridge, TN · Aug 01, 2018

#### View all 100 supporters

#### CHANGE.ORG FOR DECISION MAKERS

On Change.org, decision makers like you connect directly with people around the world to resolve issues. Respond to let the people petitioning you know you're listening, say whether you agree with their call to action, or ask them for more information. Learn more.

This notification was sent to commission@knoxmpc.org, the address listed as the decision maker contact by the petition starter. If this is incorrect, please <u>post a response</u> to let the petition starter know.

Change.org · 548 Market St #29993, San Francisco, CA 94104-5401, USA

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This message was directed to commission@knoxmpc.org

**Betty Jo Mahan** <a href="mailto:bettyjo.mahan@knoxmpc.org">bettyjo.mahan@knoxmpc.org</a>
To: Commission <a href="mailto:commission@knoxmpc.org">commission@knoxmpc.org</a>

Wed, Aug 1, 2018 at 2:44 PM

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or

Email Password Forgot password? Log in

By joining, or logging in via Facebook, you accept Change.org's Terms of Service and Privacy Policy.

## Lower the Post Oak (the Bailey Farm) development density to avoid traffic safety issues

710 have signed. Let's get to 1,000!



#### Tooles Bend Area Association started this petition to MPC Chairperson Gayle Bustin and 13 others

Post Oak development represents a planned housing density that far exceeds the current capabilities of the roads (Tooles Bend and Tedford) that would be used by the residents. Safety hazards already exist at the intersection of these two roads and the width of both roads is less than 20 feet in many locations. A proposed traffic control mechanism at Northshore and Tooles Bend would only serve to create more traffic flow problems.

A recent traffic study estimates the volume of traffic would increase at least 300%. This doesn't take in consideration the considerable damage to Tooles Bend Rd during the 10-year construction phase. Nor does it estimate the amount of additional traffic from electricians, plumbers, landscape crews, sanitation crews, and pool maintenance personnel once homes become inhabited.

Tedford Rd is only 17 feet wide in many places and already has traffic density issues. The developer said in a June meeting that no plans exist to upgrade, improve, or enhance Tedford.

The current number of homes along Tooles Bend is less than 300. Adding an additional 650 homes in one development is out of keeping with the current density and an irresponsible use of the farm land.

#### Start a petition of your own

This petition starter stood up and took action. Will you do the same? Start a petition

Start a petition of your own

This petition starter stood up and took action. Will you do the same?

## **Updates**

- 1. 6 days ago 500 supporters
- 2. 2 weeks ago
  Tooles Bend Area Association started this petition

## Reasons for signing



### [MPC Comment] Post Oak Subdivision

1 message

Mary Beth Browder <meb12321@gmail.com>

Wed, Aug 1, 2018 at 12:11 PM

Reply-To: meb12321@gmail.com

To: county.mayor@knoxcounty.org, hugh.nystrom@knoxcounty.org, ed.brantley@knoxcounty.org,

bob.thomas@knoxcounty.org, commission@knoxmpc.org

Dear Mayor Burchett, Mr. Nystrom, Mr Brantley, Mr Thomas and members of the MPC,

I am writing to all of you regarding the proposed Post Oak subdivision on Tooles Bend Road.

I cannot believe anything of this nature is even being contemplated. This would affect anyone who now lives on or off of Tooles Bend Road, Keller Bend road, Tedford Road and Northshore Road. There would be five times the traffic that we now have on it. Have you ever driven on any of these roads? They are narrow, windy, and dangerous. Increasing the traffic would cost many lives, particularly if we started

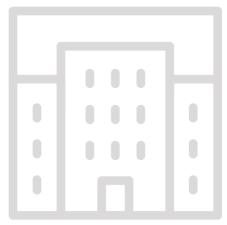
Increasing the traffic would cost many lives, particularly if we started having construction vehicles, lawn service vehicles, school buses and so many more residents driving on these small roads. It would also increase the traffic coming on to Northshore which is already dangerous due to so many subdivisions along it.

In addition, the density of housing is far outside community standards with neighboring properties averaging one acre, or more per home. Access for first responders and fire and rescue is already slow and this would make it even more perilous. How will MPC and Knox County assure residents that adequate infrastructure improvements will be made BEFORE any development is considered? What if the developer defaults? Is this a new problem for the taxpayers to inherit? Waste water is a concern, water pressure is already a problem, and enough water for fire prevention is already at capacity or over capacity. Please look at this seriously and keep the safety of your constituents in mind.

Thank you for your time.

Mary Elizabeth Browder

(Kelsey Forest resident)



#### Tooles Bend Area Association started this petition to MPC Chairperson Gayle Bustin and 13 others

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The current number of homes along Tooles Bend is less than 300. Adding an additional 650 homes in one development is out of keeping with the current density and an irresponsible use of the farm land.

#### Start a petition of your own

This petition starter stood up and took action. Will you do the same? Start a petition

Start a petition of your own

This petition starter stood up and took action. Will you do the same?

## **Updates**

- 1. 8 hours ago 10 supporters
- 2. 2 days ago
  Tooles Bend Area Association started this petition

## Reasons for signing



### [MPC Comment] Concerns about massive development proposed for Toole's Bend

1 message

**T Kollie** <tgkollie@gmail.com>
Reply-To: tgkollie@gmail.com
To: commission@knoxmpc.org

Tue, Jul 31, 2018 at 8:31 AM

Dear Commissioners,

Northshore Drive, being both a main east/west artery and only a two lane road, has extremely dense traffic currently. If a huge development is allowed to proceed on Toole's Bend it will throttle the traffic and emergency escape routes. The drain on water and sewer will be bad too. Scale is too large. We hope you get enough feedback on this so you can form an opinion to represent the majority.

Thank you, Tom Kollie Cell - 865.385.3213

This message was directed to commission@knoxmpc.org



### [MPC Comment] Development along Toole's Bend

1 message

Jeff Shawl <jeffshawl@peakrestaurants.com>

.

Mon, Jul 30, 2018 at 9:19 AM

Reply-To: jeffshawl@peakrestaurants.com

To: "commission@knoxmpc.org" <commission@knoxmpc.org>

Cc: "Missy Shawl (stocbond@hotmail.com)" <stocbond@hotmail.com>

MPC Commissioners.

I am writing today to let you know of my family's concerns over the proposed development along Toole's Bend Rd.

I understand that the property in question is very valuable and that it will be developed at some point. However, the proposed development, as I understand it, is completely irresponsible and will, inevitably, lead to the loss of lives. Both Toole's Bend and the associated "cut-through" road (Tedford Road) were not designed for the amount of traffic to be generated by this development. They are narrow (Toole's Bend) and extremely narrow (Tedford Rd) roads. I encourage you to drive them at any time of day. I am extremely confident that you will find them to be unsafe and inadequate for the traffic on them today – let alone when 500-700 more households are using them. There are places on Tedford where cars have to come to nearly a complete stop to ensure they don't collide with each other. This is not an exaggeration in any way – and we are going to a couple thousand more trips along the roads per day? The likelihood of an unacceptable increase in accidents and as well as fatalities is extremely high.

Both Tedford (to Keller Bend) and Toole's Bend will spill onto Northshore Drive. Getting onto Northshore and off of Northshore will impact traffic all along Northshore Rd, making that road more dangerous as well. This development decision is, therefore, not only about the dangerous traffic for the residents along Toole's Bend, Tedford Rd, and Keller's Bend but it is also about all the traffic along Northshore – another road that is dangerous and apt to significant accidents. As Planning Commissioners, I hope look at the traffic statistics to verify my observations from living along Northshore Drive for the past seven years.

Again, I am not against development in general or a development along Toole's Bend. It is the scope and the reckless disregard for it size and impact to safety that is frustrating. River Club is a 40 home housing development at the end of Toole's Bend. When developed, it was reduced from 80 homes to 40 homes because, in part, of traffic concerns. How can MPC and the City now be considering a development that is 10- 15 times the size of River Club. It doesn't make sense. I moved from Whittington Creek nearby and I think that development has around 300 homes. I cannot image a development nearly two times the size of that along these roads.

Without reservations, I can write that without significant changes to the development plan and immediate changes to the roads (in the case of ANY SIZE development), the proposed development will lead to the loss of lives.

Thank you for your time in reading my family's concerns.

Jeff



#### **Jeff Shawl**

#### Owner

M: 865-300-3476



Peak Restaurants, McAlister's Deli

Peakrestaurants.com | Mcalistersdeli.com 🛅 🚹 💟 🧿

Arbico East, Arby's of the TriCities

--

This message was directed to commission@knoxmpc.org

July 24, 2018

#### Dear Commissioners:

On behalf of my family who owns the planned Post Oak Bend neighborhood property, I wanted to update you on a few matters prior to MPC considering our project on August 9. We have owned this property for 75 years, and for 25 years it has been properly zoned PR (1-3 units/acre). Since we've long recognized this beautiful waterfront property could become one of Knox County's great neighborhoods, we engaged a highly respected land planner (Greg Gamble), developer (Safe Harbor) and builder (Goodall Homes) to help us realize that vision.

Prior to filing the Concept/Use on Review application: Item #15 8-SA-18-C

- 1. On June 21, 2018, we held a community meeting at Northshore Elementary School to inform neighbors of our plans for the property and answer questions. We mailed 272 invitations and there were approximately 50 attendees.
- 2. At the meeting the entire development and land planning team presented our plans in detail, then had an hour of Q&A. We also invited attendees to contact us that wished to further discuss or have input on our plans. To date nobody has contacted us.
- 3. We engaged Knox County's traffic consultant CDM Smith to analyze the project and address the concerns of neighbors regarding the project's impact on traffic on Tooles Bend Road and Tedford Lane. CDM Smith has determined that the project will increase traffic on both roads, but the increase is well within the roads' capacity. Still, we have committed to making improvements.

We are committed to working with Knox County Engineering & Public Works to construct improvements at the intersection of Northshore Drive and Tooles Bend Road, as well as Tooles Bend Road itself, as per the recommendations of CDM Smith.

Some neighbors have claimed apartments are planned. All the housing units are free standing units and/or owner occupied condominium units, and no apartments are planned.

Regarding possible impact upon schools, much of the density is age targeted products for the 55 & older segment, with floorplans and marketing platforms that appeal to this demographic vs. young families. Only 0.76 dwelling units per acre are single-family, non-age targeted.

In closing, Post Oak Bend will also be an inherently inclusive community because it enables more affordable lake access. Such access is increasingly only available to only the highest priced bracket of the market in Knox County. This factor, along with the 80 acres of common area containing 4 miles of sidewalks and trails, and 11.75 acres of parks and amenities, will make Post Oak Bend a truly unique and special neighborhood in our community.

On behalf of my family, we sincerely appreciate your thoughtful consideration of our project.

Respectfully, Keith L. Bailey



#### Tooles Bend Area Association started this petition to MPC Chairperson Gayle Bustin and 13 others

Post Oak development represents a planned housing density that far exceeds the current capabilities of the roads (Tooles Bend and Tedford) that would be used by the residents. Safety hazards already exist at the intersection of these two roads and the width of both roads is less than 20 feet in many locations. A proposed traffic control mechanism at Northshore and Tooles Bend would only serve to create more traffic flow problems.

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#### Start a petition of your own

This petition starter stood up and took action. Will you do the same? Start a petition

Start a petition of your own

This petition starter stood up and took action. Will you do the same?

### **Updates**

- 1. 8 hours ago 50 supporters
- 2. 3 days ago
  Tooles Bend Area Association started this petition

## Reasons for signing

AUG | 2018

July 27, 2018

By certified mail, hand delivery, email.

Mr. Darby Campbell Safe Harbor Marinas 308 Letterman Road Knoxville, TN 37919

8-SA-18-C / 8-A-18-UR

Dear Mr. Campbell,

We recently learned of your proposal for a large, complex development along Tooles Bend Road in West Knox County.

As you may already know, there is rapidly-growing, community-wide interest in your proposal, yet many impacted neighborhoods, residents and concerned organizations have very little information and many questions. Postcards received by residents over the weekend from MPC have created a sudden onslaught of concerns and phone calls to us and our HOA board members.

We have been told by knowledgeable officials that as recently as the past couple of days a revised plan, as well as a revised traffic study, have been submitted to the MPC. In spite of efforts to obtain copies of these submittals, we have been unsuccessful to date. With your concept scheduled to be considered by the Metropolitan Planning Commission on August 9th, time is far too short for our neighborhoods and groups to obtain essential information about the proposed development and to fully and fairly consider it.

For this reason, we respectfully request that you postpone the scheduled hearing to allow adequate opportunity for the community to consider the impact of the proposed development. We would be appreciative if you would you kindly respond to our request within 48 hours so we can inform our members and plan next our next steps.

We appreciate your consideration of this request.

**Northshore Corridor Association** 

On behalf of:

Amberleigh HOA, Cottington Court HOA, Cove Point HOA, Keller Bend HOA, Kensington HOA, Knoxville Boat Club, Lyons Crossing HOA, River Club HOA, Victoria's Inlet HOA, Wexford HOA, Whittington Creek HOA, et.al.

cc:

Mr. Tyler Congleton

Gerald Green, Director, MPC

Mr. Dylan Bailey

Honorable Tim Burchett, Mayor, Knox County

Ms. Keith Bailey Honorable Madeline Romero, Mayor, Knoxville



### [MPC Comment] Tooles Bend Project

1 message

Renee Franklin <d-rfranklin@comcast.net>
Reply-To: d-rfranklin@comcast.net
To: commission@knoxmpc.org

Thu, Aug 2, 2018 at 10:27 AM

Dear Sirs:

I would like to voice my concern over the new proposed project on Tooles Bend Road. We have lived in Cottington Court Subdivision off of South Northshore for nearly 10 years and have seen a steady and increasing flow of traffic ever since. The new houses and subdivisions in our area continues to grow, and when you consider that most houses have at least two cars or more per household, traffic is already a major concern. Even in low traffic times during the day, the volume of cars on Northshore and surrounding roads is always busy. The number of cars around Pellissippi causes such a delay and increased chances of accidents that it becomes nerve racking, to say the least. With the number of traffic lights on Northshore near Pellissippi, delays are long and tedious especially in rush hour -- it's at a standstill at those times.

Not only would more housing in our area (especially 650 plus houses) cause unbelievable traffic for such tiny roads and area, the negative impact it would cause for roadways to be closed for construction and utility service interruptions would be enormous. The access for first responders and fire and rescue in our area would be greatly affected as well, making our area a very dangerous place to live.

I'm asking the planning commission to please consider the negative results it would have to this area to add the proposed number of houses.

Thank you,

Renee Franklin

9129 British Station Lane

Knoxville, TN 37922

This message was directed to commission@knoxmpc.org



### [MPC Comment] Turkey Farm Development

1 message

HASSAN NADROUS <nadrous@hotmail.com>
Reply-To: nadrous@hotmail.com
To: "commission@knoxmpc.org" <commission@knoxmpc.org>

Thu, Aug 2, 2018 at 7:22 PM

Dear all,

I live in Kelsey Forest subdivision and drive on Tedford Rd every day. My concern is that the location of the proposed project indicates much traffic would likely flow onto the narrow, hilly and winding road. This with no doubt will increase the likelihood of deadly accident. Please take into consideration this very critical matter. I believe improving Tedford Rd to be able to handle any extra traffic is the least the developer should do.

Sincerely

Hassan F. Nadrous, MD FCCP

Pulmonary and Sleep Consultants www.pscssi.net

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This message was directed to commission@knoxmpc.org



## [MPC Comment] 100 more people signed "Lowerl the Post Oak (the Bailey Farm) development density to avoid traffic safety issues"

1 message

mail@changemail.org <mail@changemail.org> Reply-To: mail@changemail.org To: commission@knoxmpc.org

Sun, Aug 5, 2018 at 10:07 PM

## **change.org** New signatures

**Janice Tocher** – This petition addressed to you on Change.org has new activity. See progress and respond to the campaign's supporters.

Lowerl the Post Oak (the Bailey Farm) development density to avoid traffic safety issues



Petition by Tooles Bend Area Association · 100 supporters

## 100 more people signed in the last 2 days

View petition activity

RECENT SUPPORTERS



#### **Stephanie Turner**

Louisville, TN · Aug 05, 2018

I want to help Joyce Cornett and the Tooles Bend area.



#### **Jody Washington**

Knoxville, TN · Aug 05, 2018

I'm signing because it's the right thing to do their is enough traffic as is !!!!!



Betty J. Estes



#### **Shirley Anderson**

Knoxville,, TN · Aug 04, 2018

Shirley E. Anderson. It is ludicrous to put this much traffic in this small area to feed back into Nortshore that is already too crowded with traffic.



#### **Kathy Lewis**

Knoxville, TN · Aug 04, 2018

For my best friend.

#### View all 100 supporters

#### CHANGE.ORG FOR DECISION MAKERS

On Change.org, decision makers like you connect directly with people around the world to resolve issues. Respond to let the people petitioning you know you're listening, say whether you agree with their call to action, or ask them for more information. Learn more.

This notification was sent to commission@knoxmpc.org, the address listed as the decision maker contact by the petition starter. If this is incorrect, please <u>post a response</u> to let the petition starter know.

Change.org · 548 Market St #29993, San Francisco, CA 94104-5401, USA

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This message was directed to commission@knoxmpc.org



### [MPC Comment] re: Turkey Farm Development - Toole's Bend Road

1 message

Puckett, Andy <pucketta@utk.edu>
Reply-To: pucketta@utk.edu
To: "commission@knoxmpc.org" <commission@knoxmpc.org>

Fri, Aug 3, 2018 at 1:29 PM

MPC Commissioners.

I am writing to express my concern regarding the proposed Post Oak Development off of Tooles Bend Road. My primary concerns regard safety and road congestion. My understanding is that the proposed development of 650 new homes will not be accompanied by any changes (except perhaps a new stoplight) to the road infrastructure around Toole's Bend and Northshore Drive. As someone who has lived in that area for the last nine years, I have experienced a significant increase in traffic, traffic delays, and an increased concern for the safety of my family around that section of Northshore. Given that the planned development will increase the number of cars on Toole's Bend by 5 times, I think this is an untenable course of action for the MPC to take.

I have other concerns about schools, infrastructure, etc....but I think the traffic problems and the health and safety of our city are enough. Unless there are immediate plans to structurally change Northshore Drive, I cannot see how the MPC can in good conscience approve this development.

Thank you,

Andy Puckett

Andy Puckett, PhD

Professor and Finance PhD Program Director

Paul and Beverly Castagna Professorship in Investments

Haslam College of Business

University of Tennessee

Phone: (865)974-3611

Email: pucketta@utk.edu

http://finance.bus.utk.edu/Faculty/APuckett.asp

This message was directed to commission@knoxmpc.org



## commission - knoxmpc.org admins: Message Pending [{Ilrkg\_LAhrfyYCoCeXcwBFG\_CweT5Tnb0}]

1 message

Commission < commission + msgappr@knoxmpc.org>

Fri, Aug 3, 2018 at 10:50 PM

A message has been sent to the commission group and is awaiting approval. We've included this message for your review.

The message requires moderation because the user does not have permission to post.

You can approve or reject this message or you can approve this message by replying to this email.



Start your own group, visit the help center, or report abuse.

----- Forwarded message ------

From: mail@changemail.org
To: commission@knoxmpc.org

Cc: Bcc:

Date: Fri, 03 Aug 2018 20:50:45 -0600

Subject: 100 more people signed "Lowerl the Post Oak (the Bailey Farm) development density to avoid traffic safety

issues"

## change.org No

New signatures

**Richard Graf** – This petition addressed to you on Change.org has new activity. See progress and respond to the campaign's supporters.

Lowerl the Post Oak (the Bailey Farm) development density to avoid traffic safety issues



Petition by Tooles Bend Area Association · 100 supporters

# 100 more people signed in the last 4 days

View petition activity

RECENT SUPPORTERS



#### **Allison Jenkins**

Knoxville, TN · Aug 04, 2018

Northshore and tooles bend is a mess in that area as it is. Afternoon traffic through there is awful. This plan would make it much worse.



#### Steven Wayne Wilkinson

New Orleans, LA · Aug 03, 2018

Northshore is too busy already!!



#### **Misty Gouge**

Knoxville, TN · Aug 02, 2018

Our rural, residential neighborhood cannot accommodate this large influx of homes. The narrow, crooked roads that connect our neighborhoods to Northshore and beyond are unsafe as they are and will be made worse if several hundred large, new homes are build adding thousands of additional trips to these roads daily. Please sign this petition to help encourage the developer of this land as well as the MPC to reconsider the density of the develoment from 3 units per acre to 1-2.



#### **Jason Norton**

Knoxville, TN · Aug 01, 2018

I am concerned about the traffic on Tools Bend and Northshore



#### **Genet Weber**

Knoxville, TN · Aug 01, 2018

I am signing this petition because the safety of my neighbors and family is being placed at risk by tripling the population that will use these narrow, rural roads. Tedford and Tooles Bend roads are inadequate for the existing traffic that already exists. The most direct route to shopping and the interstate access, Tedford is not even wide enough to have a painted center line. It is not wide enough for school buses, yet we are having to back up around blind curves because large earth-moving equipment is taking up 3/4 of the road. There is no water supply in case of fire. This rural neighborhood does not have the infrastructure to support high density development.

View all 100 supporters

#### CHANGE.ORG FOR DECISION MAKERS

On Change.org, decision makers like you connect directly with people around the world to resolve issues. Respond to let the people petitioning you know you're listening, say whether you agree with their call to action, or ask them for more information. Learn more.

This notification was sent to commission@knoxmpc.org, the address listed as the decision maker contact by the petition starter. If this is incorrect, please <u>post a response</u> to let the petition starter know.

Change.org · 548 Market St #29993, San Francisco, CA 94104-5401, USA



## [MPC Comment] Say NO to "Turkey Farm Development" - Tooles Bend Road

1 message

**Glenn Trentham** <glenn.trentham46@gmail.com>
Reply-To: glenn.trentham46@gmail.com
To: "commission@knoxmpc.org" <commission@knoxmpc.org>

Mon, Aug 6, 2018 at 11:02 AM

8/6//2018

#### Dear Sir or Madame:

I'm a resident of Whittington Creek on S. Northshore. I'm very concerned about the proposed development referred to as "Turkey Farm Development - Tooles Bend Road."

My major concerns are about the density of housing and traffic that will result and the creation of a multitude of safety issues:

- 1. The safety of the children in the area is paramount;
- 2. Impact on the emergency egress routes for the residents;
- 3. Access for first responders;
- 4. Traffic flow and the resulting danger of ingress and egress on residents and others;

Please do not put the children and the others in this area in danger simply because it is convenient for a few developers.

Additionally, other concerns consist of; extensive utility upgrades, impact on existing roadways and schools, impact on waste water and other related infrastructure demands – to mention only a few.

Please do not allow this proposed development to proceed because of the negative impact it will have on those that currently live in the area as well as those who would relocate to the area. It is a lose – lose – lose proposal. It will hurt more people than it will help.

Thank you.
Glenn Trentham, 9105 Bolton Lane, Knoxville, Tennessee
Sent from Mail for Windows 10

This message was directed to commission@knoxmpc.org



### [MPC Comment] 100 more people signed "Lowerl the Post Oak (the Bailey Farm) development density to avoid traffic safety issues"

1 message

mail@changemail.org <mail@changemail.org> Reply-To: mail@changemail.org To: commission@knoxmpc.org

Mon, Aug 6, 2018 at 2:52 PM

## **change.org** New signatures

**Charles Thomas** – This petition addressed to you on Change.org has new activity. See progress and respond to the campaign's supporters.

Lowerl the Post Oak (the Bailey Farm) development density to avoid traffic safety issues



Petition by Tooles Bend Area Association · 100 supporters

## 100 more people signed in the last day

View petition activity

RECENT SUPPORTERS



#### **Deborah Rice**

Oliver Springs, TN · Aug 06, 2018

Take care of traffic issues before building. Even one life is not worth any benefit



#### Joyce Richman

Belvidere, NC · Aug 06, 2018

Our current through roads, Tooles Bend & Northshore Dr can't support the extra traffic without expansion.



### **Sharon Parks**

. · Aug 06, 2018

safety issues



# **Diane Neely**

Concord, TN · Aug 06, 2018

I am concerned about the increase in the traffic.



# **Sherri Ridenour**

Knoxville, TN · Aug 06, 2018

# View all 100 supporters

### CHANGE.ORG FOR DECISION MAKERS

On Change.org, decision makers like you connect directly with people around the world to resolve issues. Respond to let the people petitioning you know you're listening, say whether you agree with their call to action, or ask them for more information. Learn more.

This notification was sent to commission@knoxmpc.org, the address listed as the decision maker contact by the petition starter. If this is incorrect, please <u>post a response</u> to let the petition starter know.

Change.org · 548 Market St #29993, San Francisco, CA 94104-5401, USA

\_\_

This message was directed to commission@knoxmpc.org



# [MPC Comment] 8-SA -18 -C; 8-A-18 -U

1 message

'westman423@aol.com' via Commission <commission@knoxmpc.org> Reply-To: westman423@aol.com To: commission@knoxmpc.org Tue, Aug 7, 2018 at 7:35 PM

Dear Knox County MPC,

This week as I traveled to and from work, I was able to appreciate nature at its best; a wooded street leading to my home with multiple deer along the road going in both directions. However, I have serious concerns about a development on Toole's Bend Road ruining our scenic and relaxing drive home. The deer will disappear. The road will become a congested and dangerous highway. What is the reason for this drastic destruction? The greed of a developer.

Toole's Bend Road is narrow, winding, and rather dangerous with the current number of homes that it services. There is a tree cutting business on the road that utilizes large vehicles which currently bring oncoming traffic to a stop when they approach. The addition of 700 homes will be disastrous. Voting to allow 700 homes to be added to this road, in my opinion, is negligently putting the lives of the residents at risk for the financial interests of a developer. I feel the concerns of the community need to be shared so that government leaders have full knowledge of the situation at hand and can make decisions that will prevent having a negative impact on the legal obligations on the county.

The developer has stated an alternate road is available, Tedford Road. This road is 17 feet wide in spots. It is not even two lanes all the way through. This road is not a viable option for traffic, especially emergency traffic. Toole's Bend is lined with trees that frequently fall taking out power lines and closing the road. It was closed for approximately three weeks when one part gave way during heavy rains. The community was forced to use the narrow Tedford Road. Traveling this road was a gamble to say the least and I was never so glad to see Tooles' Bend reopen after the county repaved the entire road. Repaving does nothing but add an additional layer of asphalt to the surface. The underlying road bed remains the same and has already proven it is not sturdy by its recent collapsing in one area. Again adding 700 additional homes and vehicles to this road is putting the lives of the community members at risk, simply because of greed.

In this political season, we heard multiple candidates say they wanted to preserve our "Tennessee way of life." I too want to preserve my own and my community's way of life by not being concerned of being in an accident or even killed due to allowing one developer become wealthier. The scenic and relaxing drive home, which is the reason we bought our home, will be destroyed and will turn into a congested and stressful battle of the roadway.

Please understand that I am not against development of this land. I would support development that keeps the overall number of housing units to a minimum. Every inch of the land can be developed, as far as I am concerned, with single family dwellings that include some acreage. My absolute concern is the number of residences being considered. It is a safety issue for me.

I ask that you make an informed and intelligent decision. The developer cares about money. It is business to him. I care about my neighborhood and my way of life as well as the safety of all our residents. I would like to continue to see our wooded road remain untouched and see the deer along the road, just as nature intended.

Thank you,

Michael Hughes 8809 Cove Point Lane Knoxville, TN 37922

This message was directed to commission@knoxmpc.org



# [MPC Comment] Post Oak Bend proposal

1 message

'Stephen Harris' via Commission < commission@knoxmpc.org>

Tue, Aug 7, 2018 at 3:26 PM

Reply-To: sgh3252@aol.com
To: commission@knoxmpc.org
Cc: county.mayor@knoxcounty.org

MPC Commissioners,

I realize that approving sensible property developments which result in more housing is one of the tasks to which you've been charged. I also expect that

the safety and security of others living in the community affected by the development would also be a task you accept. I appreciate very much lyour service to Knox County.

I hope and assume that each of you has taken the time to drive the length of Tedford Dr and Tooles Bend Rd., the only two ways out of the Tooles Bend peninsula. If you are preparing to vote on this life changing proposal without doing so is both feckless and uninformed.

My children and grandchildren travel these roads several times a week, driving on roads that are only 17' wide in places. They are what they are: old, narrow, country farm roads. They are among the most perilous roads in Knox County in good weather; Tedford is often frozen in spots during the winter.

In March of this year a large tree fell across Tooles Bend, destroying the guard rails and blocking access to Northshore. It was closed for several days while County crews cleared the road and rebuilt the guard rails, leaving only Tedford as an exit/entrance to the community.

We're all for reasonable development, safe development, smart development. Proposing to go from less than 200 homes and roughly 400 vehicles to almost a thousand homes and as many as 2000 vehicles is neither reasonable, safe, or smart.

Thanks again for your service and for your fair consideration of the pleas from those in the Northshore Corridor community.

Sincerely.

Stephen Harris And my wife April Daughter Sommerville, granddaughter June Rosemary Son Bo, grandson George

This message was directed to commission@knoxmpc.org

# KRAMER RAYSON LLP

- ATTORNEYS AT LAW ---

JOHN T. JOHNSON. JR.
WARREN L. GOOCH
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IOS DONNER DRIVE, SUITE A OAK RIDGE, TENNESSEE 37830 TELEPHONE 865 220-5134 TELECOPIER 865 220-5132

> R.R. KRAMER (1888-1966) E.H. RAYSON (1923-2017)

August 8, 2018

Commissioners
Knoxville-Knox County Metropolitan
Planning Commission
Suite 403, City County Building
400 Main Street
Knoxville, TN 37902

RE:

Concept 8-SA-18-C

Development 8-A-18-UR

Post Oak Bend LLC, Applicant

# Dear Commissioners:

We are writing with respect to the above-referenced matter on behalf of the Northshore Corridor Association (the "NCA"). The NCA is an association of a number of homeowners' associations whose members will be impacted by the proposed subdivision, including the following:

Amberleigh
Cove Pointe

Kelsey Forest

Lyons Crossing River Club Keller Bend

Whittington Creek

Victoria's Inlet Cobblestone

The NCA is neither opposed to development, nor is it opposed to the development of the property in question. In fact, the NCA is in favor of development. The NCA, however, is opposed to unthoughtful development that seeks to force the proverbial round peg, or should we say Post Oak, into a square hole imposing negative consequences, burdens and risks upon both new and longstanding citizens and residents.

Is the proposed subdivision, the concept and overall plan for which you are being asked to approve, such a round peg? Based upon the existing conditions and circumstances, and what one can reasonably project about the impact of the proposed development, the NCA contends that as currently proposed it would be such a round peg. The proposed plan creates a host of

infrastructure and safety issues, not only for those on the Tooles Bend peninsula, but for all residents of the Northshore corridor. Avoiding the harmful impacts that would likely result from the proposed development, requires one to first assess what makes this proposed development unique so it can be evaluated on its own merit and not simply viewed as a typical project that comes before you.

This is no garden variety project. The mere <u>size</u> of the area to be developed places it in a class by itself. Moreover, the <u>density</u> of the dwelling units proposed when applied to its large size makes the project different than any other subdivision on the Tooles Bend peninsula, as well as in the adjacent peninsulas of Keller Bend and Lyons Bend. Another factor making the proposed subdivision unique is the fact that the ways to <u>access</u> the area are simply not suitable for the type and level of traffic that will come from the development. This is not only because the roads into the Tooles Bend peninsula are narrow and winding, but also because they have no shoulders, no sidewalks, no bus or large vehicle turn-about areas and their hilly topography create poor lines of sight for travelers.

Finally, once travelers from the peninsula negotiate narrow, winding, hilly and shoulderless Tooles Bend, Tedford and Badgett Roads, they will join the thousands of citizens who regularly travel Northshore Drive as will be addressed in more detail below. The NCA respectfully asks – given the magnitude of the additional traffic that will be funneled from the proposed subdivision onto Northshore Drive, why shouldn't the traffic impact study be expanded to include Tedford Road, Badgett Road and Northshore Drive? In short, the traffic study cannot be conducted within a vacuum; the geography of the Tooles Bend peninsula dictates that all traffic must ultimately intersect with Northshore Drive. Thus, in order to have a complete understanding of the real impact of this project on the residents along the Northshore corridor it is imperative that any traffic study take Northshore into account. Regardless of whether consequences can be fully mitigated, it is respectfully suggested that as a governmental planning organization, gaining an understanding of what proposed projects will bring, especially where what they will bring is large, is MPC's responsibility before acting.

The NCA is very appreciative of the willingness to postpone the vote on the proposal and the opportunity to learn more of the details. While the learning process continues daily for the NCA, the following can be gleaned from the historical records, as well as from the information that has been submitted by the applicant.

# **History and the Knox County Zoning Ordinance**

The proposed concept and development plan states in the plat notes that "This property is zoned PR @, 3 du/acre." (Revised Plan, Note 5).

The historic record and the provisions of the Knox County zoning ordinance do not support this. Attached to this letter as **Exhibit 1** is the 1993 rezoning application for the Bailey Farm with related papers including the staff recommendation and the August 5, 1993 letter from

the attorney for the owners of the property at the time, Jane and David Bailey. The dwelling units per acre requested in the application was "1-3 du/ac."

The text of the Knox County Zoning Ordinance in Section 5.13, the section that creates and defines the "PR planned residential zone," makes clear that the planning commission retains substantial discretion in the formulation of the development plan in a PR zoning district. In section 5.13.01 it states:

Each planned unit development *shall* be compatible with the surrounding or adjacent zones. Such compatibility *shall* be determined by the planning commission by review of the development plans. (emphasis supplied).

The minutes of the August 12, 1993 meeting of the MPC, the meeting at which the application for rezoning was taken up, explicitly state (Ex. 1, p. 000290) that the rezoning request for "PR planned residential zone at 1-3 du/ac approved."

With respect to the decision concerning "population density" in a PR zone, the Knox County Zoning Ordinance at Section 5.13.13 could not be clearer when it states that "The appropriate development density of each project shall be determined by the planning commission..." The MPC has considerable leeway in determining the appropriate density for each project. In this case, approving a plan submitted with a density on a lower scale (e.g., 1 du/ac as opposed to 3 du/ac) would mitigate many of the issues and safety concerns brought about by the additional traffic into the area, yet still allows for the owners to create a substantial development in keeping with the surrounding areas.

Finally, at Section 5.13.15.B.3, the Zoning Ordinance requires that "The Planning Commission <u>shall</u> review the conformity of the proposed development and shall recognize principles of good civil design, land use planning and landscape architecture."

# Size and Proposed Density of the Project

Based on the application, the size of the tract is apparently 415.04 acres. The application also suggests that there would be 276.3 developable acres. However, the revised development plan states that 260.51 acres are situated above the 813-foot contour. Attached to this letter as **Exhibit 2** is the advertisement of a realtor representing the owners of the property which states that the Bailey farm contains 233.6 acres of developable land on the development.<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> Due to the proximity of the land to the Tennessee River, there is some complexity involved in determining how much of the land is "developable" which the NCA has been trying to understand. TVA has stated that it possesses a flowage easement on all areas of land along the Fort Loudon Reservoir below the elevation of the 822-foot contour. Plat note 12 of the revised development plan submitted by the applicant provides that of the 623 total building units, Lots 26-65, 149-171, 233-240 and 248-309, or a total of 130 lots will require fill to raise the level of the land above the flowage easement at the 822 contour. Of course, this filling activity will require at least TVA approval. **Exhibit** 3 to this letter is a copy of the development plan with the 822-foot contour shown in red. One can see more clearly from this illustration the areas that will require fill.

Depending upon the size of the developable areas of the land, the <u>maximum</u> density allowable based on the current zoning would be three times the number of developable acres. It is NCA's understanding that the site plan currently proposed contains 623 dwelling units. **Exhibit 4** attached to this letter contains calculations of the relative density of dwelling units currently in the three adjacent peninsulas of Keller Bend, Lyons Bend and Tooles Bend as compared to the density that would be in the proposed subdivision once it is completed. **Exhibit 4** puts the development into context vis-à-vis other riverfront areas adjacent to Northshore Drive.

In the estimated 1,166.2 acres in the Keller Bend area there are 179 dwelling units or .15 dwelling units per acre. In the estimated 2,346 acres in the Lyons Bend area there are 832 dwelling units or .35 dwelling units per acre. In the present day Tooles Bend area, there are estimated to be 1,635.7 acres containing 197 dwelling units or .12 dwelling units per acre. **Exhibit 4**.

As NCA understands it, the current development calls for 623 dwelling units on 260.51 acres of land above the 813 contour. This equates to approximately 2.39 dwelling units per acre. Thus, the proposed development is not compatible with the surrounding areas as it would contain substantially greater density than those areas.

# Traffic and the Traffic Impact Study

One of these incompatible areas, namely existing Tooles Bend, would share with the proposed development the primary access road serving the peninsula, Tooles Bend Road. A traffic impact study (revised July 2018) has been prepared for the applicant that assesses the projected impact on traffic the proposed development would have only on Tooles Bend Road.

The traffic impact study only considers three intersections: (1) Tooles Bend at South Northshore, (2) Tooles Bend at Badgett, and (3) Tooles Bend at Tedford. However, due to the geography of the Tooles Bend peninsula, most all traffic on Tooles Bend Road ultimately ends up back on Northshore Drive – either at Tooles Bend near the Kensington subdivision or at Keller Bend. Thus, before the Commission can make an informed decision about the impact of this development, an expanded traffic impact study – that takes the entirety of the Northshore corridor into account – must be conducted. This is especially true in light of Northshore being one of Knox County's most highly travelled and well-populated areas.

Turning to the traffic impact study that was revised in July 2018, NCA has not had the opportunity to obtain expert advice concerning the study, and is frank to say that it does not understand some of the data contained in the study. However, NCA would observe that the study suggests an <u>increase</u> in daily trips by vehicles on Tooles Bend Road of 5,960, from 1,670 trips per day currently to 7,630 trips per day. This means there will likely be at least 4.56 times more traffic on roads that are admittedly very narrow, ranging in width from 17 to 20 feet.

As is evident from a trip down Tooles Bend Road, it is curvy, hilly, has no shoulders and requires extreme care to maneuver. Given current traffic levels there should be cause for concern for the safety of those traveling in and out of the peninsula. Moreover, commonsense dictates that 623 more dwelling units created by the proposed development will increase the number of school buses, emergency vehicles and large vehicles, in general, that by necessity will need to travel an already inadequate Tooles Bend Road. As a practical matter, it is unclear how these types of large vehicles, or construction equipment are currently able to safely traverse Tooles Bend Road.

Once these vehicles reach Northshore Drive, they will only exacerbate an already congested thoroughfare. Current estimations show that the traffic volume at Northshore Drive at Tooles Bend Road is 13,879 vehicles per day. The volume would increase to approximately 19,835 vehicles per day if the development proceeds in its full scope, about a 43% increase. In light of these projections, the development, as proposed, would exacerbate serious traffic issues that already exist on Northshore Drive. Moreover, the ability to turn onto or out of the Tooles Bend peninsula will be problematic unless significant alterations to the traffic flow (e.g., roundabouts, stop lights, etc.) are required. Traffic congestion cannot be chalked up to a mere inconvenience; it also amounts to a safety issue. The more congested a roadway, the more likely accidents will occur. Perhaps more importantly, with a heavily congested roadway, emergency response times will obviously increase.

How can it be prudent to allow such an exaggerated increase in density under all of these circumstances, when a very fine development could be proposed that would <u>not</u> carry the same degree of burdens and risks for the rest of the citizens in the impacted area.

# **Safety Questions Unaddressed**

Beyond the foregoing as it relates to safety, the NCA, while not wanting to be alarmist, notes the following that should be considered for any increases in density in the Tooles Bend area:

- There are no school bus turnarounds or pullover spots in existence on Tooles Bend, Tedford or Badgett Roads, nor are there sidewalks for students who disembark from school buses.
- At some places, due to inadequate width and sharp curves, school buses must be in the oncoming lane of travel in order to pass.
- Response times for emergency vehicles by necessity are slowed given the nature of the roads.
- Analysis of the water supply and pressure must be part of this review process.

  Past events suggest that these are inadequate for effective firefighting. With four

story apartment buildings, firefighting would require tactics that are not now needed.

- Given the challenging access to the area, how will it be possible to bring additional or upgraded utility lines to the property? How will the lives of residents be impacted during construction if there is a way to get lines to the property?
- Is it the best use of the land to approve a concept where to provide 20% of the building units will require the level of the land which is adjacent to the Tennessee River to be filled with the resulting impact on the shoreline areas?

# Conclusion

The NCA acknowledges that many of these noted factors currently impact Toole Bend residents in ways that similar circumstances also impact the residents in the other two peninsulas. The existing infrastructure challenges are not the issue. The issue is that logic, reason, good judgment, as well as good land use planning, require that when you have a problem, you don't make decisions that make the problem worse when there is a rational alternative.

Thank you for the time you have taken to review this, and for your public service that is essential to our community. We know it is usually not easy to make these difficult decisions.

Yours truly,

Thomas M. Hale

Thou mattale

TMH/pm

cc (via e-mail):

Northshore Corridor Association

Mr. Tom Brechko

Mr. Gerald Green

Arthur G. Seymour, Jr., Esq.

Culver R. Schmid, Esq.

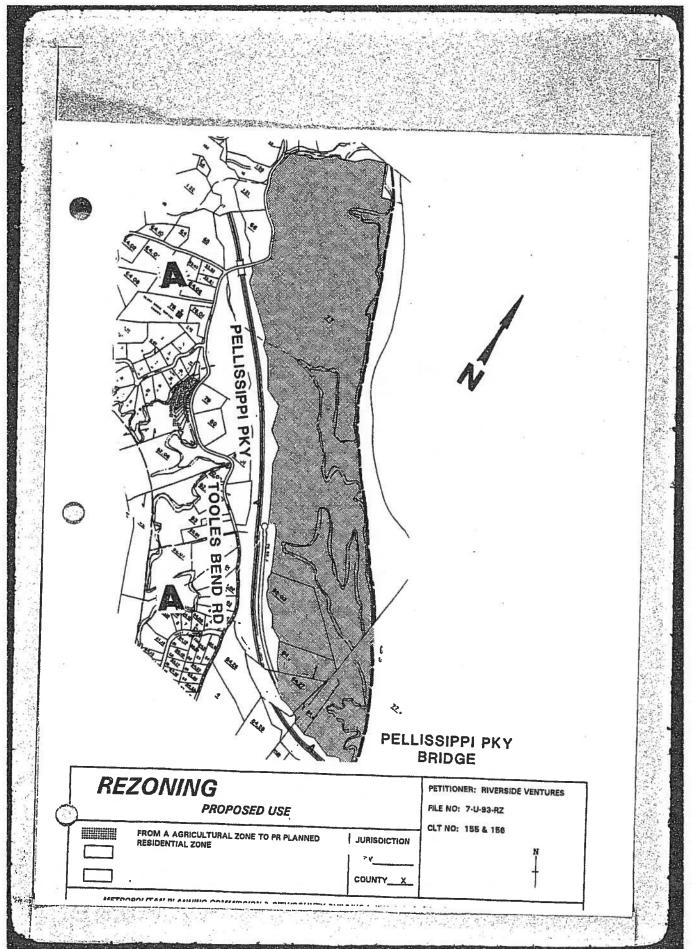
Brandon L. Morrow, Esq.

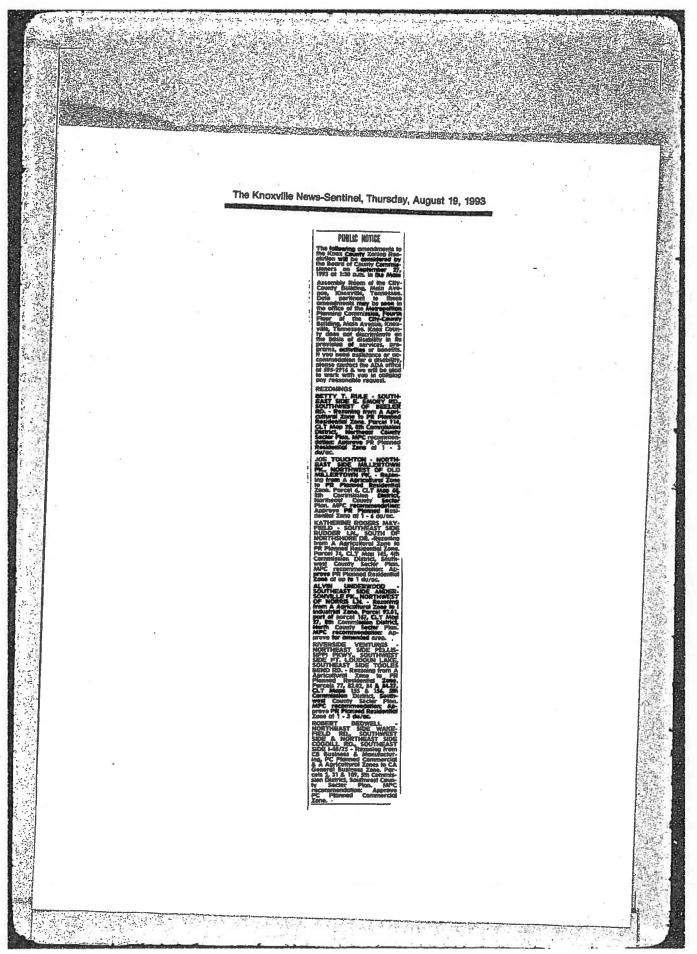
	Fra 3/a/c	<u> </u>					
	MP C JUN 2 1 1998 PREZONING  METROPOLITAN MENUTISHICITATION COMMISSION District  COMMISSION  Date Fled:  Commission District  Commissio						
	COMMISSION Date Filed: 93 Fee Paid: 750. File Number: 7-U-93-DP  Suite 403 - City County Building 400 Main Avenue Map Number: 155 Zoning District: 45  City & County Sector: Southwest Map Number: 155 Zoning District: 45  City & County Sector: Southwest Name of Applicant: Rivers Side Confuses						
	PROPERTY INFORMATION:						
	Address: (Street Name) (Street Number)						
	General Location: NOTE/S Pelliss.p., PKW SW/S Ft. Landown LK						
	Description: Parcel(s) 77 82.02, 84 84.27 City Block(s)						
	Other Fronting April 1950' SE/S Trades Bend Rd, Fronting April 8200 NE/S Pellissippi Phanes Feat						
	Surfe Et Landon Lake To Florid wa Zing						
	- santage 4/3 cartes						
	Size of Tract: Acres Square Feet						
	CHANGE REQUESTED:  APPLICANT'S PROPOSED USE OF PROPERTY:	1					
	I (we) request that the MPC, after appropriate study, recommend an amendment to the official zoning map to change the zoning of the property described above.  (Be Specific) Resident in Toxical Specific)						
	FROM: ASRIVITURE						
	Previous Zoning Requests: Lone noted Existing Land Use: Resident Re						
F	ALL COBRESPONDENCE RELATING TO THIS APPLICATION SHOULD BE MAILED TO:						
X	Name: (Print)  ROBOY 2425 Kroxville Tv. 37901 576-4646  Address · City · State · Zip Telephone						
F	AUTHORIZATION OF APPLICATION:						
	I hereby certify that I am the authorized applicant, representing ALL property owners involved in this request or holders of option on same, as listed on the back of this form.  Signature:						

Northshore Corridor Association 000283

NAMES OF ALL PROPERTY OWNERS INVOLVED OR HOLDERS OF OPTION ON SAME MUST BE LISTED BELOW:							
Frease Finit of Type in Black ink:	(If more space is required attach additional sheet.)						
Rivorside Vantwes	Address · City · State · Zip Owner Option Clo Mr Mrs David Bailey						
	P.O. Box 10953, Knowille. Th, 37939 2						

### OXVILLE/KNOX COUNTY METROPOLITAN PLANNING COMMI REZONING REPORT MEETING DATE: 8/12/93 FILE NO. 7-U-93-RZ PP from 7/8/93 APPLICANT: RIVERSIDE VENTURES JURISDICTION: City\_Council District\_County\_X Commission District\_5 LOCATION: Northeast side Pellissippi Pkwy., southwest side Ft. Loudoun Lake, southeast side Tooles Bend Rd. APPX. SIZE OF TRACT: 260 acres CLT MAP & PARCEL NO .: 155 & 156/parcels 77, 82.02, 84 & 84.27 SECTOR PLAN: Southwest County ACCESSIBILITY: Access is via Tooles Bend Rd., a local street with a 18' pavement width within a 40' ROW. **UTILITIES:** Water Source: First Utility District 6" Sewer Source: First Utility District N/A PRESENT ZONING: A Agricultural Zone **ZONING REQUESTED:** PR Planned Residential Zone **EXISTING LAND USE:** Residential/agricultural PROPOSED USE: Residential development **EXTENSION OF ZONE:** No HISTORY OF ZONING: None noted SURROUNDING LAND **USE & ZONING:** This gently rolling, open site is surrounded by property zoned A Agricultural, F-1 Floodway, OS Open Space and PR Planned Residential. Development consists of single-family residences on individual lots. COMMENTS: This is predominantly a rural residential area with a large amount of open space noted. STAFF RECOMMENDATION: APPROVE PR Planned Residential because this zoning is consistent with surrounding zoning and development. APPROVE a density of 1 to 3 du/ac, which is consistent with the adopted Southwest Sector Plan for rural and low density residential areas. No development plans for densities greater than 1 du/ac should be approved unless public sanitary sewers are provided.





# THE METROPOLITAN PLANNING COMMISSION

# MINUTES FOR AUGUST 12, 1993

# IN THE MAIN ASSEMBLY ROOM, CITY/COUNTY BUILDING

The Metropolitan Planning Commission met in regular session on August 12, 1993 at 1:30 p.m. in the Main Assembly Room, City/County Building, Main Street, Knoxville, Tennessee. Members present were:

Mr. Bob Bowers Mrs. Joan Allen Mr. Dick Graf Mr. John Tindell Ms. Imogene King

Mr. Charles Busier Dr. Jack Reese Mr. Jeff Wilkins Mr. Mark Margetts Mrs. Cathy Rogers, Chair

### 7-U-93-RZ -

RIVERSIDE VENTURES - NORTHEAST SIDE S. PELLISSIPPI PKWY., SOUTHWEST SIDE FT. LOUDOUN LAKE, SOUTHEAST SIDE TOOLES BEND RD. - Rezoning from A Agricultural Zone to PR Planned Residential Zone. Parcels 77, 82.02, 84 & 84.27, CLT Maps 155 & 156, 5th Commission District, Southwest County Sector Plan.

# STAFF RECOMMENDATION:

APPROVE PR Planned Residential because this zoning is consistent with surrounding zoning and development.

APPROVE a density of 1 to 3 du/ac, which is consistent with the adopted Southwest Sector Plan for rural and low density residential areas. No development plans for densities greater than 1 du/ac should be approved unless public sanitary sewers are provided.

Mr. John King:

Attorney representing the petitioner.

The developer plans to do a quality development. Mr. King has met with area representatives and had numerous telephone calls to discuss the plans. The neighborhood has been given the plans. The developer is willing to do what they can about the road and feel there can be some improvements on Tooles Bend Road. It is unlikely the road will be greatly widened. Some people expressed concerns about widening the road that more development might come to the area or traffic go faster.

Mr. King submitted a packet of materials (this packet becomes a part of these minutes).

Mr. King requested approval of the staff recommendation.

Mr. Ed Luedeka: 8820 Cove Point Ln. He opposed on ground of the density. Mr. Luedeka submitted a packet of materials outlining their opposition (this packet becomes a part of these minutes). Approximately 15 people stood in the audience in opposition to this request. Mr. Luedeke stated most of the surrounding property owners have 1 acre lots and some have up to 15 acres. He expressed a concern about the traffic. Tooles Bend Rd, has very sharp curves. The visibility is poor. This will add to already existing difficulties with the Rocky Hill and Bearden are the designated scholls. This would cause a burden on the schools and busing expenses. They believe 1 du/ac is best, but would be willing to compromise at 1.25 du/ac. Ms. Virginia Bailey: Area resident. She opposed and asked the density to be 1.25 du/ac. Mr. Whitaker: The density is about the same as that allowed in RA. PR would ensure that nothing could be built until MPC approved the plan. Mr. Roger Dailey: Tooles Bend Rd. He stated a difficulty with the number of chilc/en in the schools and on the buses. He would like to give the petitic ner the opportunity to build, but limit the density. Mr. Whitaker: With RA or RAE, the maximum density would be 3 to 4 du/ac. Mr. King:

What is being rezoned PR is everything above the Floodway. This is approximately 208 acres and the density would be determined on that number. RA would allow higher density than PF'. During 1991, 1992 and year-to-date 1993, there have been 6 actidents on that road according to the Knox County Emergency perso inel. Mr. King stated he will keep a dialogue going with the neighborhood but he is

unwilling to state the density as they request.

Approximately 155 acres would be restricted by the Floodway designation. Only the land out of the Floodway would be usable.

Mr. Graf stated that most PR does not build out at the maximum density. However, the set density gives the devi loper the ability to look at the property and see what is best. If a leveloper can play with the density, he can play with open space and such things as a

club house.

There is no plan for sewer in the immediate tuture unless this developer facilitates it.

First Utility District is willing to supply sewers if the developer is

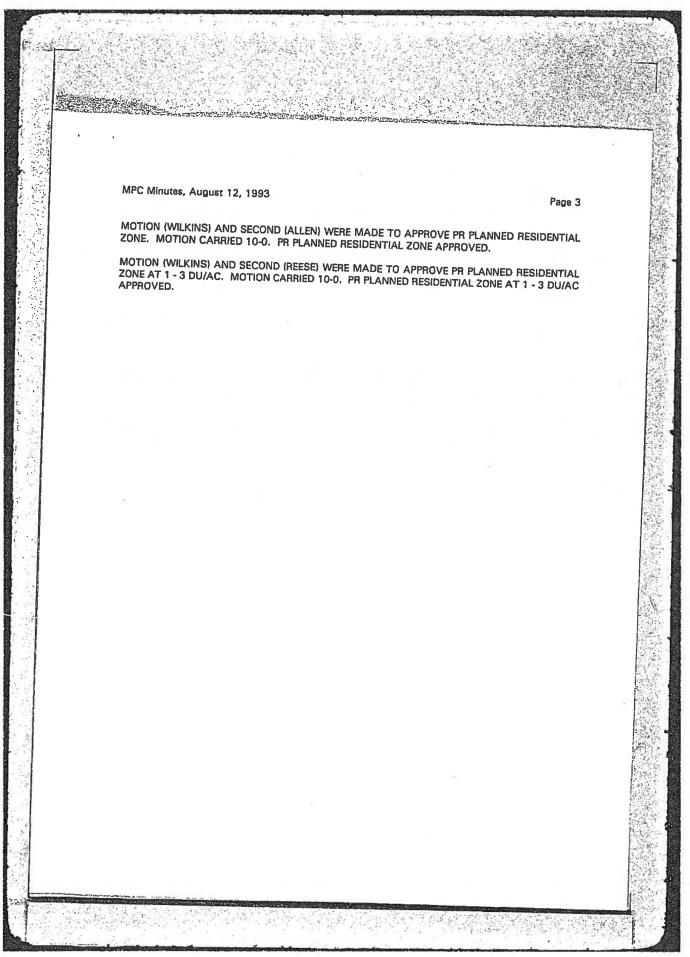
willing to pay for it.

Mr. Whitaker:

Mr. Graf:

Mr. Pruitt:

Mr. King:





JUN 2 4 1993 WEAUGHORITH BASS A LONG THE

EWIS, KING, KRIEG & WALDROP, P.C.

A PROFESSIONAL CORPORATION TTORNEYS AND COUNSELLORS AT LAW ONE CENTRE SQUARE, FIFTH FLOOR 620 MARKET STREET

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POST OFFICE BOX IDEBIS NASHVILLE, TENNESSEE 37219 (615) 259-1366 FAX (615) 259-1389

June 23, 1993

Commissioner Ronald Davis, Sr. 1109 S. Chilhowee Drive Knoxville, TN 37914

Riverside Ventures Tooles Bend Property Rezoning MPC File # 7-U-93-RZ

Dear Commissioner Davis:

On behalf of Riverside Ventures, property owner and developer, we are pleased to present to you this package of information in support of a rezoning request which will be on the July 8, 1993, MPC agenda. The zoning change is necessary to allow for the development of a high quality planned residential community off Tooles Bend Road. The 260 acre Ft. Loudon lakefront property is currently zoned Agriculture. Our client is requesting that the zoning be changed to low density (1-3 units per acre) Planned Residential. This package includes information about the property and the proposed development which hopefully will answer many of your questions concerning the rezoning request.

Because utility services will be extended to the property, the requested change in zoning is in conformance with the Pellissippi Parkway Extension Corridor Study. Discussions with MPC staff indicate that our proposed single family residential development is the preferred type of development. Following the approval of PR zoning, we would look forward to working closely with the community residents and the MPC staff in the development of an environmentally sensitive, creative land use concept plan for the development.

In order to gain input from the community, we are meeting with community representatives to explain the need for the re-zoning. It is our intent to continue to work with them throughout the process. We would ask that if you receive any telephone calls or correspondence from individuals expressing concern with this project that you please contact me so that we may contact them to resolve any unknown, potential conflicts which may arise. Likewise, if you have any personal concerns or questions, do not hesitate to give me a call. I can be reached at 546-4646. Thank you in advance for your consideration and support of this rezoning request.

Very truly yours,

LEWIS, KING, KRIEG & WALDROP, P.C.

John K. King

bcc: Dan Kelly

RIVERSIDE VENTURES TOOLES BEND ROAD PROPERTY

PROPERTY DESCRIPTION

PROPERTY OWNERS:

Riverside Ventures, a company owned by three daughters and six grandchildren of David and Jane Bailey.

HISTORY:

Riverside Farm was acquired in 1943 by John Kreis, Jane Bailey's grandfather, from the State of Tennessee. The acquisition of the property was part of a settlement from the condemnation of his original 1,000 acre farm in East Knoxville at the Forks of the River which is presently the state farm. This came about as a result of the TVA flooding a large portion of the property and reducing the amount of acreage available. This farm was the largest in Knoxville with a dairy operation larger but similar to the one they operated on Riverside Farm.

In 1891, Mr. Kreis, at age 18, began assembling the adjoining property around the Forks of the River farm and originated the largest hatchery in the South and largest dairy in the Knoxville vicinity. The condemnation of a large portion of the farm by TVA caused a severe hardship on the family. Because of such a reduction in available acreage and facilities, the hatchery had to be moved into town, the dairy had to be disbanded, and 18 families that lived and worked on the farm had to be relocated and find other jobs.

At this death in 1945 at age 72, he left the farm to his granddaughter, Jane Bailey, with the provision that his daughter, Hazel Oliver, be given a life estate. Mrs. Oliver took over the management of Riverside Farm and organized a large operation of hatching and raising turkeys. Hence people remember and refer to the property as the "turkey farm". Later it was no longer feasible to raise turkeys, then she raised cattle. Both farms were always known as Riverside, as the property is today.

Jane Bailey's mother died in 1988 and since then, David and Jane Bailey have managed the farm for their three daughters and grandchildren, because the property is now under their ownership. With this background, it can be understood the amount of love and hard work it has taken through the years to keep this property intact until the right time to develop. Because this and the long history of land ownership in Knox County, the Bailey's feel an

# RIVERSIDE VENTURES TOOLES BEND ROAD PROPERTY

### PROPERTY DESCRIPTION

obligation to the past and future generations to do this development with the appropriate care and planning for a high quality residential development.

CURRENT ZONING:

Agriculture (A)

CURRENT USE:

Residential and Agriculture

PROPOSED ZONING:

Planned Residential (PR)

PROPERTY SIZE:

Area above the 822 contour:

208.10 Acres

Area Between the 822 and the 813 contour

(normal suramer pool of Ft. Loudon Lake):

51.03 Acres

Area between the 813 contour and the original water mark of the Tennessee River

153.76

Total Acreage:

412.89 Acres

Total Acreage above the summer pool:

269.13 Acres

CURRENT DENSITY:

The current Agricultural zoning would allow for a maximum of 1

DU per acre; minimum lot size of acre.

PROPOSED DENSITY:

Low Density Residential (1-3 DU per acre gross); equates to 208-

624 units total. The unit numbers are based upon the acreage above the 822 contour; providing for over 50 acres of open space.

SECTOR PLAN:

The Pellissippi Parkway Extension Corridor Study (adopted by County Commission on September 19, 1988), which amended the Southwest Knox County Sector Plan (adopted by County Commission on May 19, 1986), recommends that this area remain in agricultural zoning which allows one (1) dwelling unit per acre until and unless urban services such as sewer, water, etc. are With the provision of such services, the study recommends this area develop as Low Density Residential. The proposed development would include the extension of sewer and water service to the site, therefore the proposed low density

residential zoning conforms with the sector plan.

SCHOOL DISTRICTS:

Rocky Hill Elementary, Farragut Middle, Farragut High

# LEWIS, KING, KRIEG & WALDROP, P.C.

J. MOLLENHOUR

A PROFESSIONAL CORPORATION ATTORNEYS AND COUNSELLORS AT LAW ONE CENTRE SOUARE, FIFTH FLOOR 620 MARKET STREET POST OFFICE BOX 2425 KNOXVILLE, TENNESSEE 37801

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NASHVILLE THIRD NATIONAL FINANCIAL CENTER, NINTH FLOGR 424 CHURCH STREET POST OFFICE 80X 19861S HASHVILLE, TENNESSEE 37218

August 5, 1993

Commissioner Jeff Wilkins McCarty Holsaple McCarty Suite 300, Nations Bank 5500 Main Avenue Knoxville, TN 37902

Riverside Ventures Tooles, Bend Property Rezoning RE: MPC File #7-U-93-RZ

Dear Commissioner Wilkins:

In response to requests, the enclosed information has been supplied to neighborhood representatives of the Cove Pointe - Tooles Bend area. The enclosed, in general, is a comparison of the permitted development in a PR zone as opposed to an RA zone. It further describes reasons for the requested rezoning to PR. As you are aware, this matter is on your agenda for August 12, 1993.

John K.

Very truly yours,

King

LEWIS, KING, KRIEG & WALDROP, P.C.

Enclosure

Norman Whittaker CC; Commissioner Frank Leuthold Commissioner Mike Ragsdale

Northshore Corridor Association 000306

# Riverside Ventures Tooles Bend Road Property Benefits of Planned Residential Zoning

At the request of the Tooles Bend Road community, the following is a description of the basis for requesting Planned Residential (PR) zoning instead of Residential A (RA). A comparison of the provisions of the two with respect to the surrounding uses, the natural environment and configuration of the site lead to the conclusion that PR zoning is the most appropriate classification. This conclusion is based upon the following major points:

- 1. The plans review and approval process for PR is more in depth and qualitative in nature, whereas the RA review process is almost exclusively quantitative in nature. The Planning Commission is required to evaluate the PR development plan based upon principles of good civic design, land use planning, and landscape architecture. The review of the RA concept plan and final plat is done on a technical basis only. There is a greater opportunity for public input in the land use planning and design process in the PR zone.
- The RA zone allows for a higher effective density (3.25 to 3.7 DU/Acre Approx.) than
  the 1-3 DU/Acre requested and recommended in our PR application. The community has
  no input into the establishment of the density for the RA zone, they do in the PR zone.
- PR requires a periphery setback, and provides that 15% of the gross area of the site be dedicated to open space. RA has no such provisions.
- The ability to have varying lot sizes in PR will allow for the location of lots adjacent to surrounding properties to be in character with those properties.
- PR zoning allows the preservation and enhancement of the natural environment through clustering of development on land which is most able to sustain development with minimum disruption to the physical and visual landscape. RA has no such provisions.
- 6. PR encourages land use planning solutions which are in harmony with the environment and the surroundings, providing a development which has an opportunity for high visual quality. RA encourages traditional "tract-like" subdivision development through rigid lot size and setback provisions with no provisions for open space and preservation of the environment.
- 7. In addition to all other requirements for submission of concept/development plans, PR zoned property also requires submission of a Use on Review application with benefits hereafter described. Such Use on Review application has to be approved by MPC and includes an appellate remedy to the Board of Zoning Appeals, consisting of 9 members of County Commission.
- 8. While PR allows commercial uses, Riverside Ventures has stated, and will state publicly and in writing, that no commercial uses are contemplated. The provisions of the PR zone and the Procedure for Authorizing Uses Permitted on Review state that the development

be integrated properly with other uses located in the district and that the development should not have an adverse impact on the character of the neighborhood. It is clear that commercial uses are not compatible with the surrounding neighborhood. It is clear that there is no basis for including commercial uses because such uses would not be financially feasible.

 PR zoning provides for more effective involvement of both MPC, and the County Commission as well as members of the general public.

# ADDITIONAL DEVELOPMENT FACTORS SUPPORTING PR REQUEST

- Key to PR zone is flexibility permits better planning opportunity where, as here, there
  is some property that is rocky, some steep, some in floodway, etc.
- Can't develop a community boat dock/marina facility in RA zone.
- 3. Can't develop cluster housing concept in RA zone.
- 4. Can't develop zero lot line housing concept in RA zone.
- Can't develop standard condominium housing concept in RA zone.
- Overall densities and better land use development can be achieved where development plan submitted as to whole property for Use on Review Analysis by both developer and professional MPC staff.

Upon consideration of the above factors, applicants seek PR zone so as to permit the flexibility necessary for development. The development process required under such zoning affords protection for the interests of the surrounding neighborhood.

1-3 Dwelling Units Per Acre (208-624 50% (but note open space requirement) 20'(detached), 15'(other) Single family attached, semi-attached, education and community facilities detached, duplex, multiple-family, recreation facilities, commercial, Development plan, Use on Review Not greater than 15' Not greater than 35' 15% of the gross area (40 acres) PLANNED RESIDENTIAL Approval, final plat 35 Front Yard: Comparison of the Provisions of the Residential A and Planned Residential Zoning Classifications Rear Yard: Periphery: Side Yard: Units) None N/A Single family, churches, libraries, mobile homes, country clubs, fire stations 3.25 Dwelling Units Per Acre (676 Units) Garage apartments, two family dwellings None stated Concept Plan, final plat FOR FURTHER EXPLANATION, SEE FOLLOWING PAGE. RA ZONE Front Yard: Periphery: Side Yard: Rear Yard: None 30% 75' Administrative Approval Procedure Maximum Building Coverage Uses Permitted on Review Open Space Requirements Minimum Lot Width **PROVISION**\* Effective Density Uses Permitted Setbacks

Comparison of the Provisions of the Residential A and Planned Residential Zoning Classifications, continued.

- In the RA Zone, if the concept plan and final plat meets the requirements of the zone (setbacks, etc.) and the provisions of the Knox County Minimum Subdivision Regulations (road geometry, drainage, etc.), the plan must be approved by MPC.
- 2. After rezoning to PR, and before a final plat is submitted, a development plan must be submitted for approval. The development plan must illustrate the location of roads, open space, lots, buildings, landscape development, etc. The MPC reviews the plan for conformance to the provisions of the zoning ordinance, minimum subdivision regulations. In addition, the MPC shall "recognize the principles of good civic design, land use planning, and landscape architecture. The Planning Commission and County Board of Commissioners may impose conditions regarding layout, circulation, and performance of the proposed development." These additional qualitative review standards are not a part of the approval process for development in a RA zone.
- 3. Under a PR zone, one acre of commercial use <u>may be</u> permitted for each one hundred units in the project provided that 25% of the total number of units proposed shall be ready for occupancy prior to any commercial building permit being issued. Applicants do not propose any commercial development.

# USE ON REVIEW PROCESS

In addition to having to meet the development plan requirements of the PR zone, the plan must meet the requirements of the Procedure for Authorizing Uses Permitted on Review (Section 6.5). This review and approval process "is intended (1) to provide for uses which are beneficial to the Community...; and (2) to integrate properly the uses permitted on review with other uses located in the area."

The Planning Commission may approve a development plan under a Use on Review where it can be shown that "the proposed plan or use is in harmony with the general purpose and intent of the zoning ordinance and with the General Plan and is reasonably necessary for the convenience and welfare of the community.

The Planning Commission may deny a development plan under a Use on Review where the above stated provisions "cannot be shown or where it can be shown that approval would have an adverse impact on the character of the neighborhood in which the site is located."

builey.A

# THE BAILEY FARM

KNOXVILLE, TENNESSEE

Marcus & Millichap has been selected to exclusively market for sale the Bailey Farm, a 412.89-acre site located in southwest Knox County, Tennessee.

The Bailey Farm is located along Ft. Loudoun Lake, on the east side of Tooles Bend Road, and features approximately 3.8 miles of lake frontage. Approximately 153.76 acres are subject to a TVA flowage easement, yielding 258.5 acres of usable land above the 813' summer pool elevation contour, and 233.6 acres of developable land above the 822' elevation TVA flowage easement. The property is accessed via Tooles Bend Road in the Pellissippi/Northshore section of Knoxville and is characterized as an exclusive suburban residential area. The area is less densely developed than many other areas of west Knoxville, which has enhanced the overall desirability of the area for estate development.

**EXHIBIT 2** 



# Upscale Neighborhood

One of Knoxville's most sought after upper-bracket neighborhoods for the past several decades



# Lake Frontage

3.8 miles of Ft. Loudoun Lake frontage, suitable for development of upper bracket estate homes



**Bailey Farms** 

# Scenic Views

Scenic views of Great Smoky Mountains and Ft. Loudoun Lake; boat docks permittable by TVA



# Central to Area Amenities

Just off I-140 (Pellissippi Parkway); within 10-15 minutes of downtown, university, airport, major retail

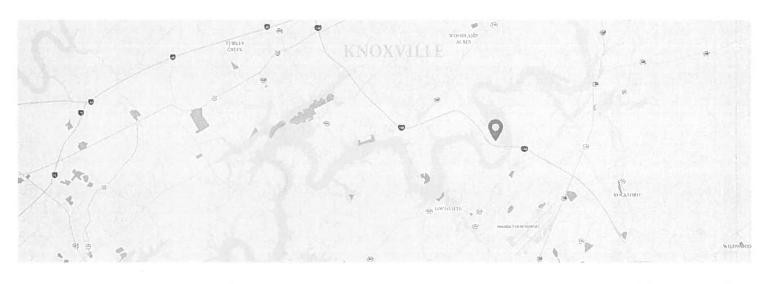
# **EXCLUSIVELY LISTED BY**

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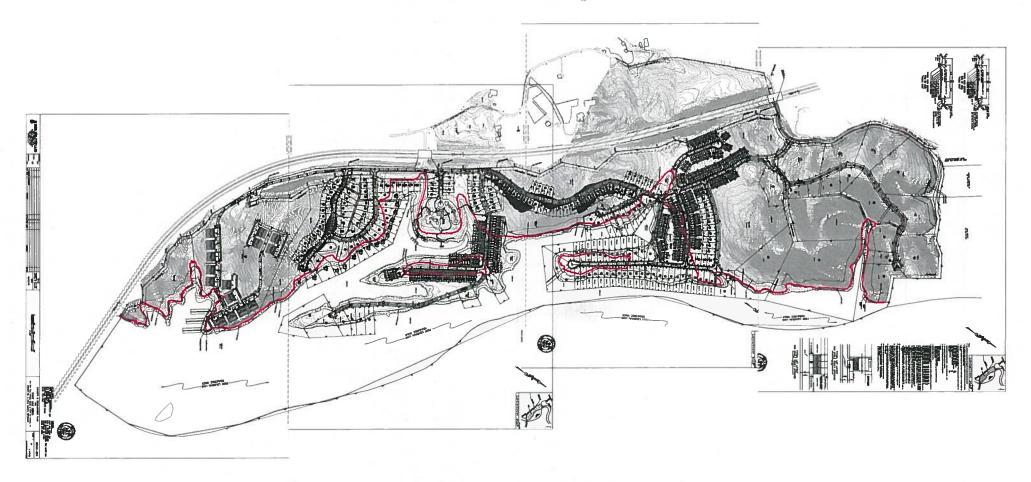
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# 822 Line Superimposed on Topographical Site Map Post Oak Bend Development



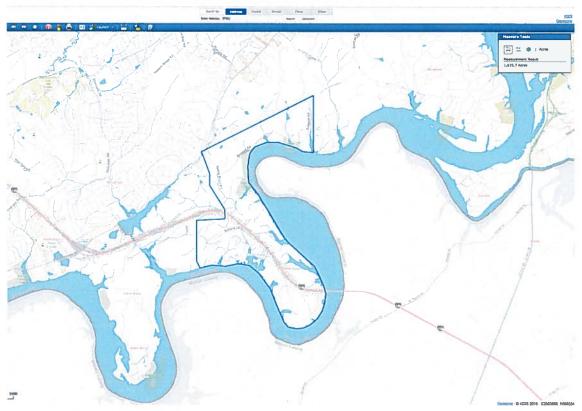


# COMPARING SURROUNDING COMMUNITY DENSITY WITH POST OAK BEND

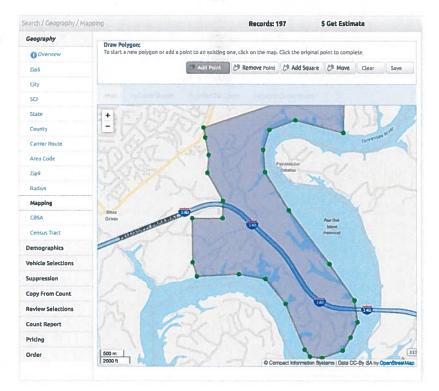
EXHIBIT 4

August 2018

# **TOOLES BEND**



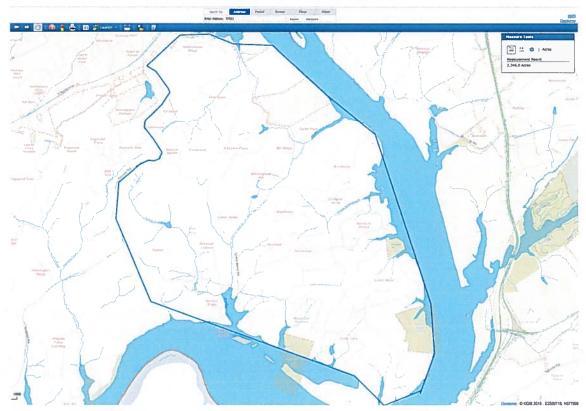
1,635.7 ACRES



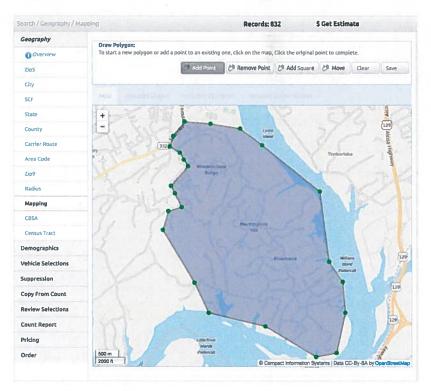
**DENSITY** 0.12 HOMES PER ACRE

197 HOMES

# LYON'S BEND



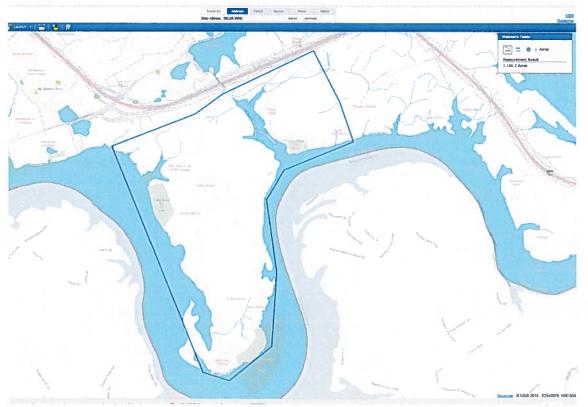
**2,346 ACRES** 



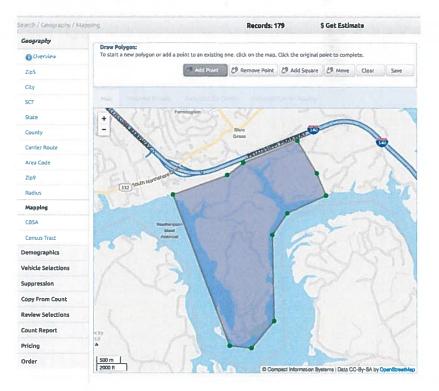
DENSITY 0.35 HOMES PER ACRE

832 HOMES

# **KELLER BEND**



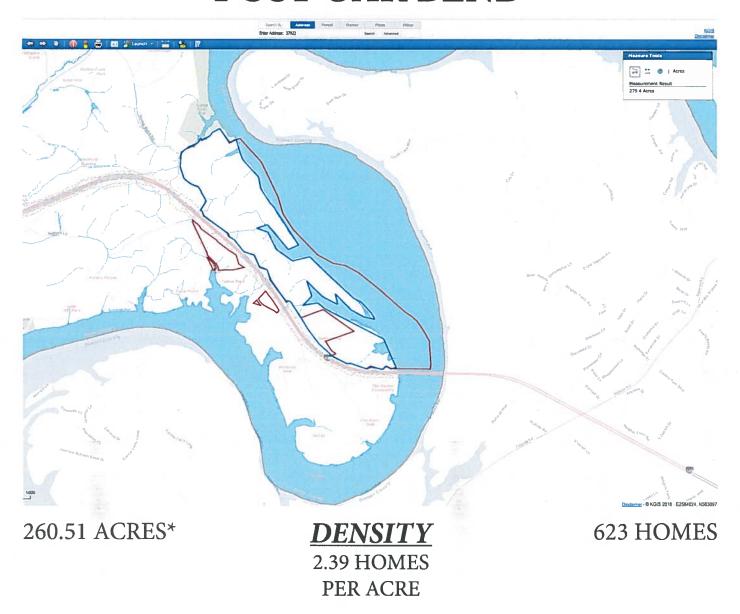
1,166.2 ACRES



DENSITY 0.15 HOMES PER ACRE

**179 HOMES** 

# **POST OAK BEND**



# **Surrounding Community Density Comparison**

This is 19.9x current density of **Tooles Bend** 

This is 6.8x current density of **Lyon's Bend** 

This is 15.9x current density of **Keller Bend** 



September 5, 2018

Bryan Spears Northshore Corridor Association P.O. Box 34071 Knoxville, TN 37930

SUBJECT: MPC Comment Response to Bryan Spears letter regarding proposed Post Oak Bend Development on Tooles Bend Road (8-SA-18-C / 8-A-18-UR)

Dear Mr. Spears:

The Northshore Corridor Association letter received by mail on August 27, 2018 was submitted for the above referenced development, and has been reviewed by MPC staff. Our responses to your letter are in blue.

1. Architectural and development plans, at this time, are not detailed enough in demographics to estimate the commuting, shopping, school, commercial traffic, attraction of outside traffic to the walking trails, parks, and proposed marina — so all any traffic engineers can use are the number of single family and multi-family dwelling units.

MPC Response: Traffic Access and Impact Studies are analyzed based on nationally accepted trip generation rates for the proposed uses, not on assumed demographics. The ITE (Institute of Transportation Engineers) Trip Generation Handbook 3<sup>rd</sup> edition states that "if additional trips are made to or from that dwelling unit by visitors, by delivery vehicles, or other service personnel, these trips would also be considered trips generated by the residence." Therefore, the associated trips for the residential land uses with this development are already accounted for in the trip rates used in the ITE Trip Generation Manual.

2. The CDM Smith Level II TIS submitted in July estimates an additional Trip Generation of 5,956 new trips per day. 6,000 trips per day is the ITE and MPC threshold for requiring a Level III study. The margin of error makes this close enough to push the total new trips beyond 6,000 per day.

MPC Response: The following staff response will address the related comments from both item #s 2 and 3.

Per MPC Subdivision Regulations, a Level II study "requires analysis of each access that the development has to an existing roadway and to the first control point beyond those access points. A control point is an intersection controlled by a traffic signal or stop sign on the existing roadway onto which the development has access." A Level III study requires analysis of "each access point, the first control point beyond each access point, and the nearest collector/collector intersection or street of higher classification as determined by MPC staff."

The intersections analyzed for this study included all access points to the existing roadway of Tooles Bend Road (2), Tedford Lane at Tooles Bend Road, Badgett Road at Tooles Bend Road, and Tooles Bend Road at S Northshore Drive. The first control point along the existing roadway of Tooles Bend Road is Tedford Lane from one access and Badgett Road from the other access. Therefore, CDM Smith completed a traffic study that would equate to a Level III study since they included another intersection not required per a Level II traffic study.

The Planning Commission's Administrative Rules and Procedures, Appendix B (Also Appendix B of the Subdivision Regulations), establishes the guidelines and procedures for the preparation and submission of Traffic Access and Impact Studies. The required study is based on trip generation rates as identified in the ITE Trip Generation Manual, 9th Edition. While Section 3 of the guidelines and procedures allows the Executive Director of the Planning Commission staff to reduce the level of study or waive the requirement, it does not allow the Director to require a higher level study. There is also no provision for a adding a margin of error in order to require a higher level study.

The CDM Smith Study used the ITE Trip Generation Manual 9<sup>th</sup> edition, to determine trip rates. The table below provides a summary of the trip rates based on the 9<sup>th</sup> edition. In response to the indication in item #3 below that the 10<sup>th</sup> edition of the ITE Trip Generation Manual should be used, we have added a column to the table for the 10<sup>th</sup> edition for comparison.

LUC	<u>Type</u>	Description	Units	ITE 9th ed	ITE 10 <sup>th</sup> ed
				(trips)	(trips)
MPC	Apartment	Stacked Flats	240	2,096	2,096
210	Single Family	Single Family Lots	269	2,610	2,584
230	Condo/Townhouse	Townhomes	113	715	429*
Total			622	5,422	5,109
	Single Family	Single Family Lots	48**	534	529
Total			670**	5,956	5,638

<sup>\*</sup>This Land Use Code (LUC) for Condo/Townhouse is not available in the ITE Trip Generation Manual 10<sup>th</sup> edition, so Senior Adult Attached LUC was used instead. This LUC was the closest to what was used previously.

<sup>\*\*</sup>The 48 proposed single family lots that are located on the west side of I-140 are included in the Study but are not included in the concept plan/use on review application that is before the Planning Commission. This area of approximately 21.5 acres which is zoned A (Agricultural) would require a rezoning and development approval in order to be developed at the proposed density.

## Summary:

- a) Estimated trips for the proposed development that is before the Planning Commission are 5,422 (9th edition) and 5,109 (10th edition) which are 578 and 891 trips below the 6,000 ADT requirement for a Level III study.
- b) With the addition of the proposed 48 single family lots on the west side of I-140 (which will require a rezoning and separate development approval), the estimated trips are 5,956 (9th edition) and 5,638 (10th edition) which are 44 and 362 trips below the 6,000 ADT requirement for a Level III study.
- c) It should be noted that the 240 multi-dwelling units were evaluated using the MPC trip rate for apartments which is a higher trip rate than that found in the ITE Trip Generation Manual. If the ITE trip rate was used, the estimated trips would be lowered by an additional 518 trips from the 9<sup>th</sup> edition or 322 trips from the 10<sup>th</sup> edition.

Trip Generation Manual	Apartments (trips)
MPC	2,096
9 <sup>th</sup> edition	1,578
10 <sup>th</sup> edition (current)	1,774

3. Studies of the ITE Trip Generation factors by Texas A&M, Florida DOT, VaDOT, CalDOT and others have found the ITE estimates for Single Family and Multi-family Dwelling Units to have an 11% margin of error. Factoring in this known 11% error raises the estimated trips per day to 6,611 – well beyond the threshold requiring a Level III TIS. Even half that – a +5.5% error – raises the new traffic to 6,284. CDM Smith used the accepted ITE factors in their 9th edition of the ITE's Trip Generation Handbook. ITE has acknowledged these errors and revised their factors in the new 10th edition, which was just released.

MPC Response: See response for item #2 above

4. MPC has used higher Trip Generation factors for similar multi-family complexes with a density of 3 Dwelling Units per Acre. For example, the Primos Land Company project on Pedigo Road used a factor of 9.3 trips per unit at 5 DU/acre, and 9.65 trips per unit at 3 DU/acre

Applying that same 9.65 Trips/DU to the revised plan of 240 multi-family units raises the Trips to 2,316, and the total to 6,176.

The original 336 proposed apartments at 9.65 would increase the total to 6,985 Trips/Day.

MPC Response: The Pedigo Road Subdivision was a Single Family Housing subdivision, not multi-family development.

The concept plan/use on review application that is before the Planning Commission does not include a proposal for 336 apartments, but is for 240 apartments.

5. CDM Smith includes the 48 Single Family Units in the small parcel across Tooles Bend Road from the main development, but does not include the much larger parcel, which could be as high as 100 houses at a density of 1 per acre. No other expected growth was considered.

## MPC Response:

The 48 proposed single family lots would be located on the west side of I-140 on property that has an area of approximately 21.5 acres which is zoned A (Agricultural). Staff is not aware of any other large parcel (100 acres?) that would allow 100 houses at a density of 1 dwelling unit per acre.

6. Level of Service for Northshore Drive at the intersection of Tooles Bend Road is degraded to F, even at the lower Trip Estimations of CDM Smith. Likewise, the LOS for Tooles Bend, Badgett and Tedford are reduced to Level F. Northshore can be remedied through a major addition of turn lanes and traffic signal: Tooles Bend, Badgett, and Tedford cannot,

# MPC Response:

The Level of Service (LOS) of Tooles Bend Road at S Northshore Drive is downgraded to a LOS F in the AM & PM for the left-turn from Tooles Bend Road and the left-turn from S Northshore Drive in the 2028 projected traffic (with development and no improvements to the intersection). If the intersection is reconstructed with a traffic signal and exclusive left turn lanes those LOS's would be upgraded to LOS B in the AM and LOS C in the PM.

As can be noted from the table from the CDM study below, the LOS of Tooles Bend Road, Badgett Road, and Tedford Lane never go below a LOS B.

Table 3: Capacity and Level of Service Summary

***************************************	***************************************	PEAK PERIOD	2018 EXISTING TRAFFIC		2028 BACKGROUND TRAFFIC			2028 PROJECTED TRAFFIC			
INTERSECTION TRA	TRAFFIC CONTROL		V/C	DELAY	1.05	V/C	DELAY	LOS	V/C	DELAY	LOS
Cooles Bend Rd It Northshore Dr	STOP NWL/SBL	AM PM	0.41 / 0.03 0.39 / 0.04	32.2 / 0.7 34.5 / 1.1	D/A D/A	0.40 / 0.03 0.49 / 0.06	38.9 / 0.8 53.7 / 1.5		2.70 / 0.08 4.11 / 0.28	>500.0 / 2.0 >500.0 / 7.7	F/A F/A
Kiligation Add Exclusive Turn Lanes	Stop Milnir	AM PM							2.15 / 0.39 3.00 / 0.32	>500.0 / 20.0 >500.0 / 20.2	F/C F/C
ditigation Idd Exclusive Turn Lanes & Provide Signalization	SIGNAL	AM PM							0.80 0.83	18.0 20.3	B
เกียรูสโดก Construct Roundabout with Northbound Right Turn Bypass Lan	ROUNDABOUT 9	AM PM						TATIONET AMERIC	0.86 0.96	24.0 30.5	С Д
Tooles Bend Rd I Badnett Rd	STOP WBL/SBL	AM PM	6.03 / 0.01 6.04 / 0.02	9.0 / 2.8 8.6 / 4.8	A/A A/A	0.03 / 0.01 0.03 / 0.02	8.7 / 2.9 8.6 / 4.8		0.05 / 0.01 0.08 / 0.03	11.0 / 1.1 11.8 / 1.0	B / A B / A
ooles Bend Rd k Tedford La	STOP EBLINBL	AM PAG	0.01 / 0.03 6.64 / 0.01	8.7 / 3.9 8.6 / 3.0	A I A A I A	0.01 / 0.02 0.04 / 6.01	8.5 / 3.9 8.5 / 3.0		0.02 / 0.03 0.08 / 0.02	9.3 / 1.5 10.2 / 1.0	A/A B/A
ooles Bend Rd Il North Site Access	STOP WBL/SBL	AM PM						Andrew -	0.14 / 0.02 0.08 / 0.08	10.5 / 2.5 9.8 / 2.9	B I A
ooles Bend Rd KApartment Access	STOP WBL/SBL	AM PM	_,		***********				0.05 / 0.01 0.03 / 0.03	10.0 / 1.1 9.3 / 1.2	B/A A/A
ooles Bend Rd R South Site Access	STOP WBL/SBL	AM PM							0.21 / 0.04 0.14 / 0.14	9.6 / 6.1 9.1 / 6.4	AIA

Note: Average vehicle delay estimated in seconds. STOP control analyses presented by minor approach.

Roundsbout analyses reports HCM 2010 results.

## 7. Lines of Sight

The CDM Smith TIS, on page 4-1, states,

"Looking right from Badgett Road the intersection sight distance is 220 feet, thus falling 80 feet short of the 300 foot mark established by MPC for a 30 MPH road. The stopping sight distance for a 30 MPH road is 200 feet and is met. An intersection warning sign (W2-2L) should be installed on southbound Tooles Bend Road with a 25 MPH Advisory Speed plaque (W13-1P)." Tooles Bend Road is not 30 MPH, but already signed 25, 20, and 15 MPH for half of its length.

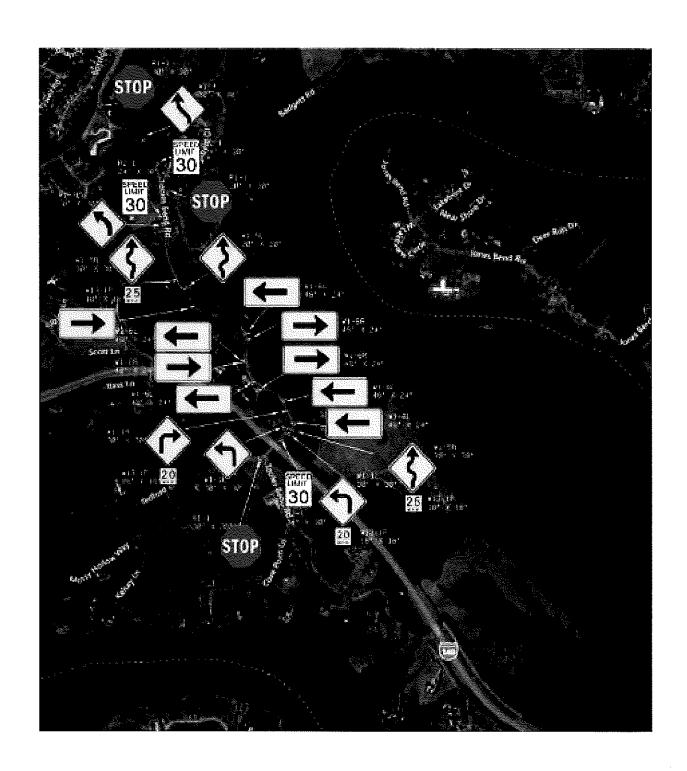
There are many more Lines of Sight shorter than 200 feet and 300 feet along Tooles Bend Road. Traveling from Northshore Drive, there are at least 16 stretches less than 300 feet, 7 less than 200 feet. Traveling from River Club, there are 18 LOS less than 300ft, 9 less than 200 ft.

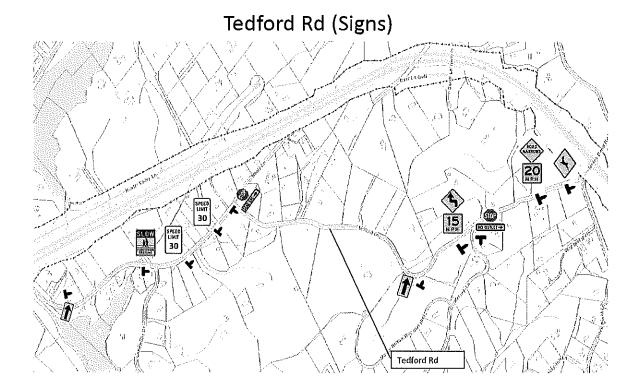
# MPC Response:

This is located on page 4-2, not 4-1. Badgett Road intersection sight distance is currently an existing issue not due to the addition of the development. Knox County has identified the improvement needed for this intersection, and is working with the developer on purchasing a flashing warning beacon, in which Knox County will install.

Tooles Bend Road is currently signed as 30 mph (refer to first figure below), but there are areas where reduced speeds are posted for added safety through vertical and horizontal eurves. The figure provides an existing inventory of the signage currently along Tooles Bend Road. CDM Smith's review of safety issues along Tooles Bend Road resulted in recommendations that include providing rumble stripes, guardrail, & centerline improvements. Knox County Engineering is evaluating additional areas for safety improvements, including shoulders and signage.

Another evaluation of signs was completed by CDM Smith for Tedford Road (refer to second figure below). Separate portions of Tedford Lane are posted for 30 mph and 20 mph with areas of reduced speed through curves as a safety measure.





8. Because of the curves, hills, narrow lanes, and lack of shoulders, MPC has rated Tooles Bend Road at 1,000 to 4,000 vehicles per day. Yet this Post Oak Development would raise the traffic to between 7,626 and 8,655 trips per day.

MPC Response: On page 3-4 of the CDM Smith TIS, the statement that "for a 17-20 foot wide road like Tooles Bend Road, the MSL (Minimum Standard Line) ADT (Average Daily Traffic) value ranges from 1,000 to 4,000 VPD (vehicles per day)" was pulled from the Knox County Strategic Transportation Plan. It is not an MPC statement, plan or ranking. The MSL ADT's were developed as a small component used to calculate a roads safety score. Using the MSL in the way suggested would be taking it out of context. In the Knox County Strategic Transportation Plan, a safety/crash score was calculated based on traffic volume, number of crashes, and severity of crashes. If the road met other criteria, the MSL was considered. These ADT numbers are not to be considered as maximum traffic volumes for the given roadway of Tooles Bend Road.

Roadway width (ft)	MSL ADT (veh/day)
17	1,000
18	2,000
19	3,000
20	4,000

On the same page of the CDM Smith TIS, the study identifies a projected total of 7,460 vehicles per day for Tooles Bend Road, not 7,626 and 8,655 vehicles per day.

9. The CDM Smith estimates are only for residential traffic up Tooles Bend Road to Northshore Drive, or turning off onto Tedford and Keller Bend to Northshore, or turning off to Badgett and Wrights Ferry Road to Northshore Drive.

Our 24-hour surveys of Tooles Bend Road, Badgett Road, and Tedford Lane found about 20% more vehicles per day than the CDM Smith counts, and these were commercial vehicles: US Mail, FedEx, UPS, lawn services, dump trucks, heavy construction, farm equipment, horse trailers, fertilizer trucks, moving vans and school buses.

MPC Response: All of these existing commercial and residential vehicles within the area of study are accounted for in the existing traffic count (as an average count) that the engineer gathers from the field prior to beginning of the traffic study. The increase of commercial vehicles due to the future development are accounted for through the trip generation of the development. The Trip Generation Manual estimated counts for the development includes all variations of vehicle types and trips.

Sincerely,

Gerald Green, AICP

MPC Executive Director

C: Tom Brechko, AICP, MPC Tarren Barrett, EIT, MPC

MPC Commissioners

Cindy Pionke, P.E., Knox County EPW



#### [MPC Comment] POST OAK DEVELOPMENT

1 message

Linda Houser </br>
| Linda Houser 
| Linda Houser

Wed. Sep 5, 2018 at 5:

To: Gerald Green <aerald green@knoxmpc.org> tom brechko@knoxmpc.org\_commission@knoxmpc.org

Mr. Green, Mr. Brechko and Commissioners.

The various communities along Tooles Bend Rd. and Tedford Rd. would like clarification of the proposed density requested by the developers of POST OAK BEND. At the August MPC meeting, Mr Brechko said the density of the development is based on 261acres, the property located above the 813 contours. The zoning density was set in 1993. The transcript of that1993 MPC zoning meeting as it relates to density is attached. At that time, the property owner's legal counsel was MR. JOHN KING. Is it not evident by the attached transcript below that the implied rezoned density is to be based on 208 acres? If so, the Post Oak Bend developer is actually intending to use the maximum density allowed under the zoning regulations PR 1-3.

Wouldn't 622 Units on 208 acres actually be a density of 2.99units per acre? Please clarify.

Sincerely.

Linda Houser Ihouser959@gmail.com 865-599-8133

Mr. Ed Luedeka:

8820 Cove Point Ln.

He opposed on ground of the density.

Mr. Luedeka submitted a packet of materials outlining their opposition (this packet becomes a part of these minutes).

Approximately 15 people stood in the audience in opposition to this request.

Mr. Luedeka stated most of the surrounding property owners have 1 acre lots and some have up to 15 acres. He expressed a concern about the traffic. Tooles Bend Rd. has very sharp curves. The visibility is poor. This will add to already existing difficulties with the road.

Rocky Hill and Bearden are the designated schools. This would cause a burden on the schools and busing expenses. They believe 1 du/ac

is pest, but would be willing to compromise at 1.25 du/ac.

Ms. Virginia Bailey:

Area resident.

She opposed and asked the density to be 1.25 du/ac.

Mr. Whitaker:

The density is about the same as that allowed in RA. PR would ensure that nothing could be built until MPC approved the plan.

Mr. Roger Dailey:

Tooles Bend Rd.

He stated a difficulty with the number of children in the schools and on the buses. He would like to give the petitic ner the opportunity to build, but limit the density.

Mr. Whitaker:

With RA or RAE, the maximum density would be 3 to 4 du/ac.

Mr. King:

What is being rezoned PR is everything above the Floodway. This is approximately 208 acres and the density would be determined on that number. RA would allow higher density than PF. During 1991, 1992 and year-to-date 1993, there have been 6 accidents on that road according to the Knox County Emergency personnel. Mr. King stated he will keep a dialogue going with the neignborhood but he is unwilling to state the density as they request.

Mr. Whitaker:

Approximately 155 acres would be restricted by the Floodway designation. Only the land out of the Floodway would be usable.

Mr. Graf:

Mr. Graf stated that most PR does not build out at the maximum density. However, the set density gives the devi loper the ability to look at the property and see what is best. If a leveloper can play with the density, he can play with open space and such things as a club house.

Mr. Pruitt:

There is no plan for sewer in the immediate tuture unless this developer facilitates it.

# Mr. King:

First Utility District is willing to supply sewers if the developer is willing to pay for it.

RIVERSIDE VENTURES TOOLES BEND ROAD PROPERTY

PROPERTY DESCRIPTION

obligation to the past and future generations to do this development with the appropriate care and planning for a high quality residential

development.

CURRENT ZONING:

Agriculture (A)

CURRENT USE:

Residential and Agriculture

PROPOSED ZONING:

Planned Residential (PR)

PROPERTY SIZE:

Area above the 822 contour:

208.10 Acres

Area Between the 822 and the 813 contour (normal suramer pool of Ft. Loudon Lake):

51.03 Acres

Area between the 813 contour and the original water mark of the Tennessee River

153.76

Total Acreage:

412.89 Acres

Total Acreage above the summer pool:

269.13 Acres

CURRENT DENSITY:

The current Agricultural zoning would allow for a maximum of 1

DU per acre; minimum lot size of acre.

PROPOSED DENSITY:

Low Density Residential (1-3 DU per acre gross); equates to 208-624 units total. The unit numbers are based upon the acreage above the 822 contour; providing for over 50 acres of open space.

SECTOR PLAN:

The Pellissippi Parkway Extension Corridor Study (adopted by County Commission on September 19, 1988), which amended the Southwest Knox County Sector Plan (adopted by County Commission on May 19, 1986), recommends that this area remain in agricultural zoning which allows one (1) dwelling unit per acre until and unless urban services such as sewer, water, etc. are provided. With the provision of such services, the study recommends this area develop as Low Density Residential. The proposed development would include the extension of sewer and water service to the site, therefore the proposed low density residential zoning conforms with the sector plan.

CHOOL DISTRICTS:

Rocky Hill Elementary, Farragut Middle, Farragut High

Comparison of the Provisions of the Residential A and Planned Residential Zoning Classifications

PROVISION	RA ZONE				
Uses Permitted	Single family, churches, libraries, mobile homes, country clubs, fire stations	PLANNED RESIDENTIAL  Single family attached, semi-attached, detached, duplex, multiple-family, recreation facilities, commercial, education and community facilities			
Uses Permitted on Review	Garage apartments, two family dwellings	None None			
Open Space Requirements	None				
Effective Density	3.25 Dwelling Units Per Acre (676 Units)	1-3 Dwelling Units Per Acre (208-624 Units)			
Setbacks Pe	Periphery: None stated	Periphery: 35'			
	Front Yard: 35'				
	Side Yard: 8'	(detached), 15 (blief)			
	Rear Yard: 25'	P 21			
Minimum Lot Width	75'	Rear Yard: Not greater than 35'			
Maximum Building Coverage	30%				
Administrative Approval Procedure	Concept Plan Sail 1	50% (but note open space requirement)			
, year more and	Concept Plan, final plat	Development plan, Use on Review Approval, final plat			

FOR FURTHER EXPLANATION, SEE FOLLOWING PAGE.

MPC September 13, 2018 Agenda Item #13

# THE METROPOLITAN PLANNING COMMISSION

#### MINUTES FOR AUGUST 12, 1993

# IN THE MAIN ASSEMBLY ROOM, CITY/COUNTY BUILDING

The Metropolitan Planning Commission met in regular session on August 12, 1993 at 1:30 p.m. in the Main Assembly Room, City/County Building, Main Street, Knoxville, Tennessee. Members present were:

Mr. Bob Bowers Mrs. Joan Allen Mr. Dick Graf Mr. John Tindell Ms. Imogene King Mr. Charles Busler Dr. Jack Reese Mr. Jeff Wilkins Mr. Mark Margetts Mrs. Cathy Rogers. Chair

#### 7-U-93-RZ -

RIVERSIDE VENTURES - NORTHEAST SIDE S. PELLISSIPPI PKWY., SOUTHWEST SIDE FT. LOUDOUN LAKE, SOUTHEAST SIDE TOOLES BEND RD. - Rezoning from A Agricultural Zone to PR Planned Residential Zone. Parcels 77, 82.02, 84 & 84.27, CLT Maps 155 & 156, 5th Commission District, Southwest County Sector Plan.

### STAFF RECOMMENDATION:

APPROVE PR Planned Residential because this zoning is consistent with surrounding zoning and development.

APPROVE a density of 1 to 3 du/ac, which is consistent with the adopted Southwest Sector Plan for rural and low density residential areas. No development plans for densities greater than 1 du/ac should be approved unless public sanitary sewers are provided.

#### Mr. John King:

Attorney representing the petitioner.

The developer plans to do a quality development. Mr. King has met with area representatives and had numerous telephone calls to discuss the plans. The neighborhood has been given the plans. The developer is willing to do what they can about the road and feel there can be some improvements on Tooles Bend Road. It is unlikely the road will be greatly widened. Some people expressed concerns about traffic po faster.

Mr. King submitted a packet of materials (this packet becomes a part of these minutes).

Mr. King requested approval of the staff recommendation.

This message was directed to commission@knoxmpc.org

MPC September 13, 2018 Agenda Item #13

2613 Tooles Bend Road, Knoxville, TN 37922

September 4, 2018

Knoxville-Knox County MPC Suite 403, City County Building 400 Main Street Knoxville, TN 37902

Members of the Commission:

My great-grandmother, Sallie Davis Green, was born in 1878 and lived near the proposed second entrance to the Post Oak development. Her son and daughter-in-law, Calvin and Violet Green, built two houses on this hill where I now live. My father, John Green, and his brothers were born and grew up here, attended the church in the distance, and kept the house and the hill for me and my sons, Johnathan and David.

My grandmother Violet described a visit by Callen Sherrill and his daughter Betty, who climbed the hill to visit in a brand-new, horse-drawn surry! Then, finally, time and progress brought some cars and real estate development: Cove Point neighbors who built good houses on large lots and others who built on 'estate lots' - many who became dear friends and enriched our neighborhood.

Until the late 1980's waking up on the hill meant that one could enjoy an astounding sunrise and a deep QUIET. But progress brought the Pellissippi Parkway and the continuous 24-hour roar of traffic. (The sunrise is still soul-enriching, however.)

And naturally, thirty more years has brought more change, and more development, and more people, many who have remained strangers. The traffic on the Pellissippi is something we have learned to rise and live above.

But the traffic on Tooles Bend now, BEFORE any additional development, is a daily trial. I come down my driveway, roll to the edge of the intersection, check both ways, and FLOOR IT. Often when I then glance in the rear-view mirror, a car is 'on my tail', slowing down to accommodate me. The main thing I have learned about most of the 'strangers' south of me on Tooles Bend is that they like to drive fast, even on the blind curves of the road. If they could only understand that I am very fond of the rear end and right side of my car!

And THAT is the problem I have with Post Oak development as it now stands: the main entrance will be on the rock-cut curve in front of my driveway and will mean so very many more daily chances to lose my car, and even my life. The road is, and will be, TOO DANGEROUS.

With utmost sincerity,

Joyce Green Cornett

# KNOXVILLE · KNOX COUNTY PLANNIN COMMISSIO Suite 403 • City County Build 400 Main Stre Knoxville, Tennessee 379 8 6 5 • 2 1 5 • 2 5 0

# **SUBDIVISION - CONCEPT**

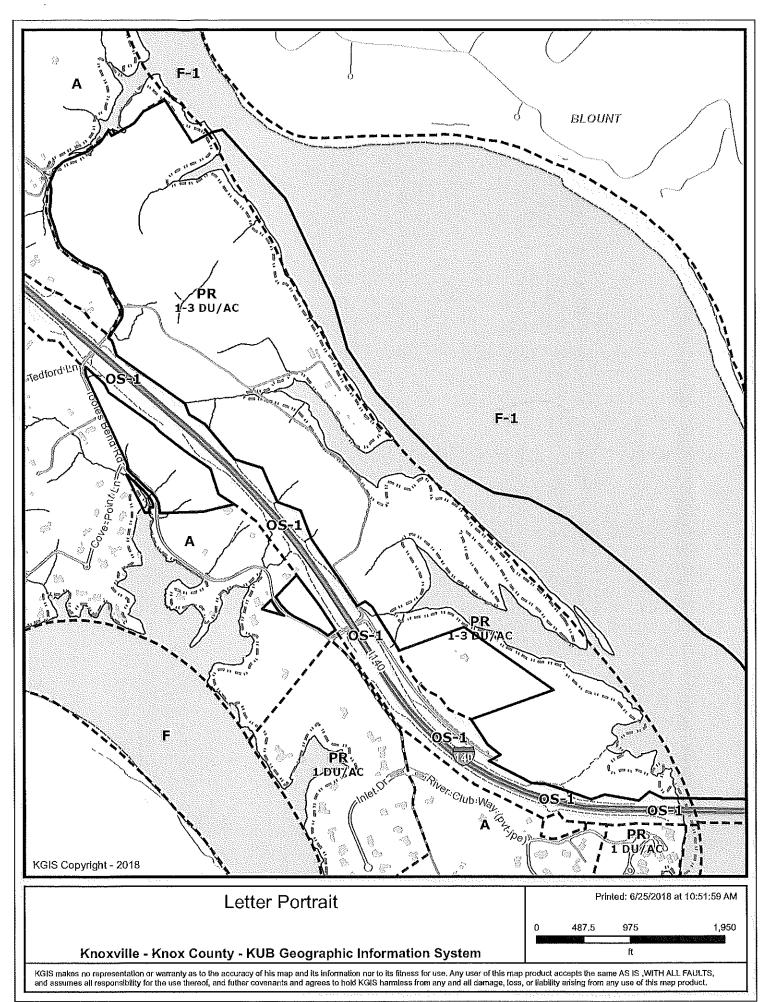
Name of Applicant: Post Oa	K Bend, LLC
PLANNING Date Filed: (a) 25/18	Meeting Date: 8/9/16
COMMISSION	
Suite 403 • City County Building 4 0 0 Main Street Knoxville, Tennessee 37902  Fee Amount: 51,350 File Num	ber: Subdivision - Concept 8-4-5A-18-C
8 6 5 • 2 1 5 • 2 5 0 0  F A X • 2 1 5 • 2 0 6 8  www.knoxmpc.org Fee Amount: Related F	ile Number: Development Plan 8-A-18-UR
PROPERTY INFORMATION Subdivision Name: Post Oik Bend	PROPERTY OWNER/OPTION HOLDER  PLEASE PRINT Name: R. Culver Schmid
Unit/Phase Number:	Company: Post Oak Bend LLC
General Location: East side of Tooles Bend Rd	Address: 265 Brookyiew Center Way Svite 600
South of Northshare Drive	City: Knowille State: Th Zip: 37919
Tract Size: 415,04 aures  PR 2763ac  Zoning District: PR 2763ac	Telephone: 971-5/03
Zoning District:	relephone:
Existing Land Use: Vacant	Fax: $329 - 5/03$
Planning Sector: Southwest Country	E-mail: CSchmid Chakerdonaldson, con;
Growth Policy Plan Designation: Rurg / Threa	PROJECT SURVEYOR/ENGINEER
Census Tract: 57.01	Name: David Harbin
Traffic Zone: 162	
Parcel ID Number(s): Map 155 [Parts f Parcel 77]	Company: Batson Himes Norvell / Poc
Map 155 Parcel 82.02	Address: 4334 Papermin Drwe
Jurisdiction: □ City Council District ☑ County Commission District	City: Knowille State: IN Zip: 37909
☑ County Commission — 4 District	Telephone: 5 88-6472
AVAILABILITY OF UTILITIES	Fax: 588-6473
List utility districts proposed to serve this subdivision: Sewer ディッナ リカインシャルナ	E-mail: harbnebhn-p.com
Water Frist Utiling District	APPLICATION CORRESPONDENCE
Electricity Lenoir City Utility Board	All correspondence relating to this application (including plat corrections) should be directed to:
N-tre 11 t	,
•	Name: David Harbin
TRAFFIC IMPACT STUDY REQUIRED  □ No 図 Yes	Company: Britan Himes Novell & Poe
USE ON REVIEW ☐ No ☑ Yes Approval Requested:	Address: 4334 Papermill Drive
△ Development Plans in Planned District or Zone	City: Knowill State: IN Zip: 37909
☐ Other (be specific):	Telephone: 588-6472
	•
VARIANCE(S) REQUESTED	Fax: 588-6473
☐ No ☒ Yes (If Yes, see reverse side of this form)	E-mail: harbin C.bhn-p.com

VARIANCES REQUESTED			
1. * See Attached sheet.			
Justify variance by indicating hardship:	· · · · · · · · · · · · · · · · · · ·		
2			
Justify variance by indicating hardship:			
Justify variance by indicating hardship:			
Justify variance by indicating hardship:			
5.			
Justify variance by indicating hardship:			
6,			
Justify variance by indicating hardship:			
7	, and the second		
APPLICATION A	UTHORIZATION		
I hereby certify that I am the authorized applicant,	PLEASE PRINT		
representing ALL property owners involved in this request or holders of option on same, as listed on this	Name: David Harbon		
form. I further certify that any and all variances needed to meet regulations are requested above, or are attached. I understand and agree that no additional variances can be acted upon by the legislative body upon appeal and	Address: 4334 Papermill Dr.		
none will be requested. I hereby waive the requirement for approval or disapproval of the plat within sixty	City: Knowill State: TN Zip: 37909		
(60) days after its submission, in accordance with the	Telephone: 588-6472		
provisions of Tennessee Code Annotated 13-3-404.	Fax: 588-6473		
Signature:			
Date:6/25/18	E-mail: harbinabhn-p.com		

8-A-18-C 8-A-18-UR

# POST OAK BEND REQUESTED VARIANCES

- a) HORIZONTAL CURVE RADIUS FROM 250' TO 125', STA 7+75, ROAD "B"
- b) HORIZONTAL CURVE RADIUS FROM 250' TO 100', STA 16+25, ROAD "C"
- c) HORIZONTAL CURVE RADIUS FROM 250' TO 200', STA 40+00, ROAD "F"
- d) HORIZONTAL CURVE RADIUS FROM 250' TO 200', STA 45+50, ROAD "F"
- e) HORIZONTAL CURVE RADIUS FROM 250' TO 150', STA 5+25, ROAD "J"
- f) TANGENT LENGTH BETWEEN BROKEN BACK CURVES FROM 150' TO 131' STA 5+74 TO STA 7+05, ROAD "J".
- g) ROADWAY GRADE FROM 12% TO 18%, STA 22+00 TO STA 29+66 ROAD "B" (PRIVATE)
- h) ROADWAY GRADE FROM 12% TO 15%, STA 10+75 TO STA 18+00 ROAD "C" (PRIVATE)
- i) ROADWAY GRADE FROM 12% TO 15%, STA 18+00 TO STA 21+59 ROAD "C" (PRIVATE)
- j) VERTICAL CURVE LENGTH FROM 750' TO 450' (K FROM 25 TO 15), STA 18+00, ROAD "C" (PRIVATE)
- k) ROADWAY GRADE FROM 12% TO 12.83%, STA 2+25 TO STA 13+25, ROAD "F"
- I) ROADWAY GRADE FROM 12% TO 15%, STA 13+25 TO STA 21+45 ROAD "F"
- m) VERTICAL CURVE LENGTH FROM 675' TO 425' (K FROM 25 TO 15), STA 13+25, ROAD "F".
- n) ROADWAY GRADE FROM 12% TO 15%, STA 3+25 TO STA 8+00 ROAD "L"
- o) VERTICAL CURVE LENGTH FROM 325' TO 195' (K FROM 25 TO 15), STA 3+25, ROAD "L"
- p) VERTICAL CURVE LENGTH FROM 250' TO 150' (K FROM 25 TO 15), STA 8+00, ROAD "L"
- q) HORIZONTAL CURVE RADIUS FROM 250' TO 125', STA 1+50, ROAD "O"

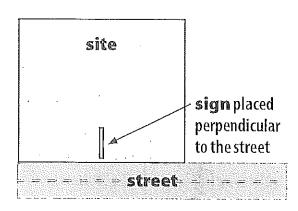


# REQUIRED SIGN POSTING AGREEMENT FORM

For all rezoning, plan amendment, concept plan, use on review, BZA variance, right-of-way closure, and street name change applications, a sign must be posted on the subject property, consistent with the adopted MPC/BZA Administrative Rules and Procedures. MPC staff will provide a sign to post on the property at the time of application.

# LOCATION AND VISIBILITY

The sign must be posted in a location that is clearly visible from vehicles traveling in either direction on the nearest adjacent/frontage street. If the property has more than one street frontage, then the sign should be placed along the street that carries more traffic. MPC staff may recommend a preferred location for the sign to be posted at the time of application.



### TIMING

The sign must be posted no later than *two weeks prior* to the scheduled MPC or BZA hearing and must remain in place until after the meeting. In the case of a postponement, the sign can either remain in place or be removed and reposted no later than two weeks prior to the next MPC or BZA meeting.

MPC staff will provide the first sign(s) for no additional charge as part of the application fees. If the sign(s) go missing for any reason and need to be replaced, then the applicant will be responsible for picking up a new sign(s) from the MPC offices. The applicant will be charged a fee of \$10 for each replacement sign.

I hereby agree to post the sign provided on the subject property on or before
July 25, 2018
consistent with the guidelines provided above; and to remove the sign within one week after the MPC or BZA decision.
Signature: Publica Riggino
Printed Name: REBECCA RIGGINS
Date: 6/25/18
MPC or BZA File Number: 8-SA-18-C/8-A-18-UR