

AGENDA ITEM #: 15

FILE #: 5-A-20-SP

PLAN AMENDMENT/ REZONING REPORT

►	FILE #: 5-J-20-RZ				AGENDA ITEM #:	15
	5-A-20-SP				AGENDA DATE:	5/14/2020
►	APPLICANT:	BENJAI	IIN MULLINS OBO AI)	
	OWNER(S):	Elizabet	n Ann Rowland			
	TAX ID NUMBER:	103 07	3		<u>View m</u>	ap on KGIS
	JURISDICTION:	Commis	sion District 6			
	STREET ADDRESS:	3324 Sv	afford Rd.			
۲	LOCATION:	Northwe Swaffor	est of Sam Lee Road, d Road	southwest of	Solway Road, eas	t of
►	TRACT INFORMATION:	248.99 a	cres.			
	SECTOR PLAN:	Northwe	st County			
	GROWTH POLICY PLAN:	Rural Ar	ea; Planned Growth Ar	ea		
	ACCESSIBILITY:	18.8 ft a	s via Sam Lee Road, and a right-of-way width reet with a pavement v	of 60 feet. Acc	ess is also via Swat	fford Road,
	UTILITIES:	Water S	ource: West Knox U	tility District		
		Sewer S	ource: West Knox U	tility District		
	WATERSHED:	Beaver	Creek			
•	PRESENT PLAN DESIGNATION/ZONING:	NWCO-	ulture), HP (Hillside F 6 (Mixed Use Special gricultural/Technolog	District) / A (A		
۲	PROPOSED PLAN DESIGNATION/ZONING:		al Residential), HP (H NWCO-6 (Mixed Use S			
►	EXISTING LAND USE:	Agricult	ure/forestry/vacant			
►	DENSITY PROPOSED:	3 du/ac				
	EXTENSION OF PLAN DESIGNATION/ZONING:	Yes, PR	zoning up to 3 du/ac is	adjacent to the	e south.	
	HISTORY OF ZONING REQUESTS:	None no	ted.			
	SURROUNDING LAND USE, PLAN DESIGNATION,	North:	Single family residentia (Hillside and Slope Pro		ntial - A (Agriculture)), HP
	ZONING	South:	Agriculture - A (Agricu (Stream Protection)	lture), HP (Hills	ide and Slope Prote	ection), SP
		East:	Agriculture - AG (Agric MU-SD (Mixed Use Sp		•	

LIZ ALBERTSON

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	West: Single family residential, rural residential, agriculture - A (Agriculture), HP (Hillside and Slope Protection), SP (Stream Protection)
NEIGHBORHOOD CONTEXT:	The area is mostly rural large lot agricultural land with single family residential homes. The areas adjacent to the south side of the property are zoned as PR (Planned Residential) up to 3 du/ac.

STAFF RECOMMENDATION:

- Adopt resolution #5-A-20-SP amending the Northwest County Sector Plan to RR (Rural Residential) because it is adjacent to the Planned Growth Area of the Growth Policy Plan.
- Approve PR (Planned Residential) up to 2.5 du/ac because it is consistent with the slope analyses. (Applicant requested PR up to 3 du/ac).

COMMENTS:

SECTOR PLAN AMENDMENT REQUIREMENTS FROM GENERAL PLAN (May meet any one of these):

CHANGES OF CONDITIONS WARRANTING AMENDMENT OF THE LAND USE PLAN: 1. The population of the Northwest County sector continues to grow and additional opportunities for residental development are needed.

INTRODUCTION OF SIGNIFICANT NEW ROADS OR UTILITIES THAT WERE NOT ANTICIPATED IN THE PLAN AND MAKE DEVELOPMENT MORE FEASIBLE:

1. No new roads or additional utilities have been introduced in this area.

AN OBVIOUS OR SIGNIFICANT ERROR OR OMISSION IN THE PLAN:

1. There is no obvious or significant error or omission in the plan for this area.

TRENDS IN DEVELOPMENT, POPULATION OR TRAFFIC THAT WARRANT RECONSIDERATION OF THE ORIGINAL PLAN PROPOSAL:

1. The population of the Northwest County sector continues to be one of the fastest growing parts of Knox County. Demand for additional residential development opportunities, especially those in the Planned Growth Area, and adjacent to the Planned Growth Area of the Knoxville-Knox County-Farragut Growth Policy Plan, warrant reconsideration of the original plan proposal.

State law regarding amendments of the general plan (which includes Sector Plan amendments) was changed with passage of Public Chapter 1150 by the Tennessee Legislature in 2008. The law now provides for two methods to amend the plan at TCA 13-3-304:

The Planning Commission may initiate an amendment by adopting a resolution and certifying the amendment to the Legislative Body. Once approved by majority vote of the Legislative Body, the amendment is operative.
The Legislative Body may also initiate an amendment and transmit the amendment to the Planning Commission. Once the Planning Commission has considered the proposed amendment and approved, not approved, or taken no action, the Legislative Body may approve the amendment by majority vote and the amendment is operative.

REZONING REQUIREMENTS FROM ZONING ORDINANCES (must meet all of these):

THE PROPOSED AMENDMENT SHALL BE NECESSARY BECAUSE OF SUBSTANTIALLY CHANGED OR CHANGING CONDITIONS IN THE AREA AND DISTRICTS AFFECTED, OR IN THE CITY/COUNTY GENERALLY:

1. The population of the Northwest County Sector continues to be one of the most rapidly growing areas of Knox County.

THE PROPOSED AMENDMENT SHALL BE CONSISTENT WITH THE INTENT AND PURPOSE OF THE APPLICABLE ZONING ORDINANCE:

1. PR zoning is intended to provide optional methods of land development which encourage more imaginative solutions to environmental design problems. Residential areas thus established would be characterized by a unified building and site development program, open space for recreation and provision for commercial,

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religious, educational, and cultural facilities which are integrated with the total project by unified architectural and open space treatment.

2. 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.

THE PROPOSED AMENDMENT SHALL NOT ADVERSELY AFFECT ANY OTHER PART OF THE COUNTY, NOR SHALL ANY DIRECT OR INDIRECT ADVERSE EFFECTS RESULT FROM SUCH AMENDMENT. 1. A preliminary transportation impact letter included with this application, due to the Growth Policy Plan requirements, notes that there are three possible access points for this future residential subdivision (see Exhibit B).

2. A complete transportation impact study, either a Level II or Level III, will be required as part of the forthcoming use on review application. However, the transportation impact letter notes that the development (if fully built out at 3 du/ac) there could be an increase in the Average Daily Traffic (ADT) between 1.8 to 7 times the estimated 2020 ADT counts (see Exhibit B).

3. Addressing the transportation impacts created by this increase in residential density will be addressed during the Use on Review process for the development of this property.

4. The applicant's requested PR (Planned Residential) at 3.0 du/ac could result in approximately 746 dwelling units..

THE PROPOSED AMENDMENT SHALL BE CONSISTENT WITH AND NOT IN CONFLICT WITH THE GENERAL PLAN OF KNOXVILLE AND KNOX COUNTY, INCLUDING ANY OF ITS ELEMENTS, MAJOR ROAD PLAN, LAND USE PLAN, COMMUNITY FACILITIES PLAN, AND OTHERS: 1. The proposed amendment is consistent with and not in conflict with any adopted plans.

ESTIMATED TRAFFIC IMPACT: 6613 (average daily vehicle trips)

Average Daily Vehicle Trips are computed using national average trip rates reported in the latest edition of "Trip Generation," published by the Institute of Transportation Engineers. Average Daily Vehicle Trips represent the total number of trips that a particular land use can be expected to generate during a 24-hour day (Monday through Friday), with a "trip" counted each time a vehicle enters or exits a proposed development.

ESTIMATED STUDENT YIELD: 309 (public school children, grades K-12)

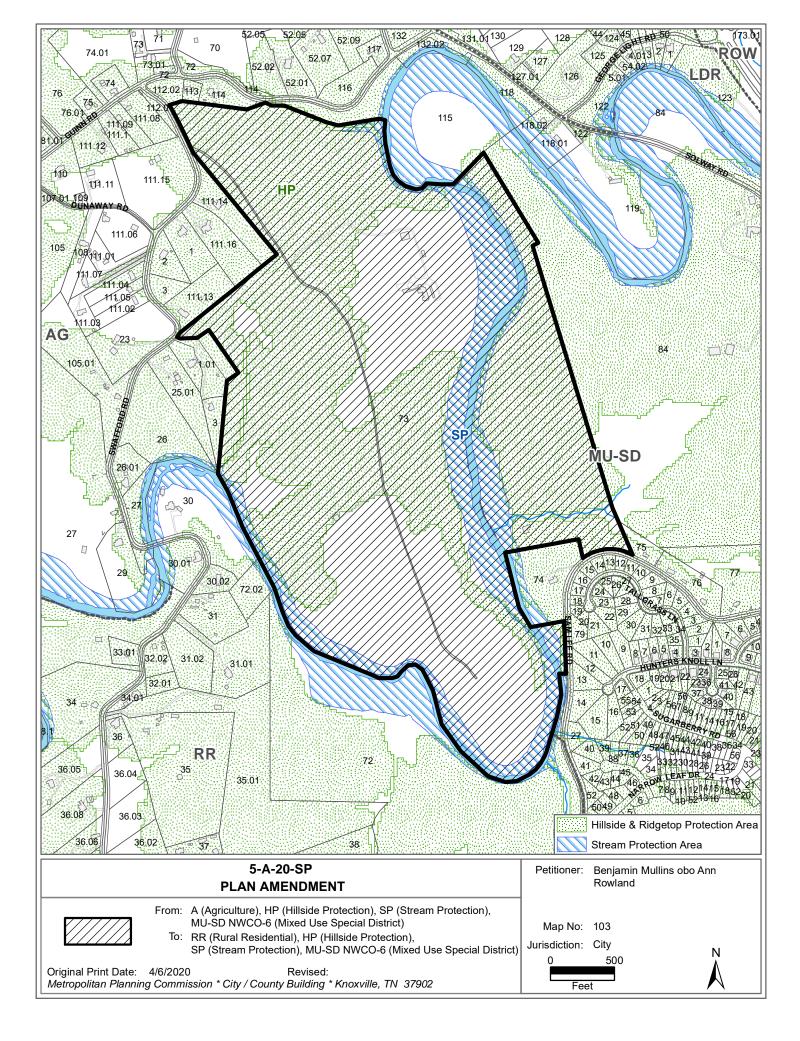
Schools affected by this proposal: Hardin Valley Elementary, Hardin Valley Middle, and Hardin Valley Academy.

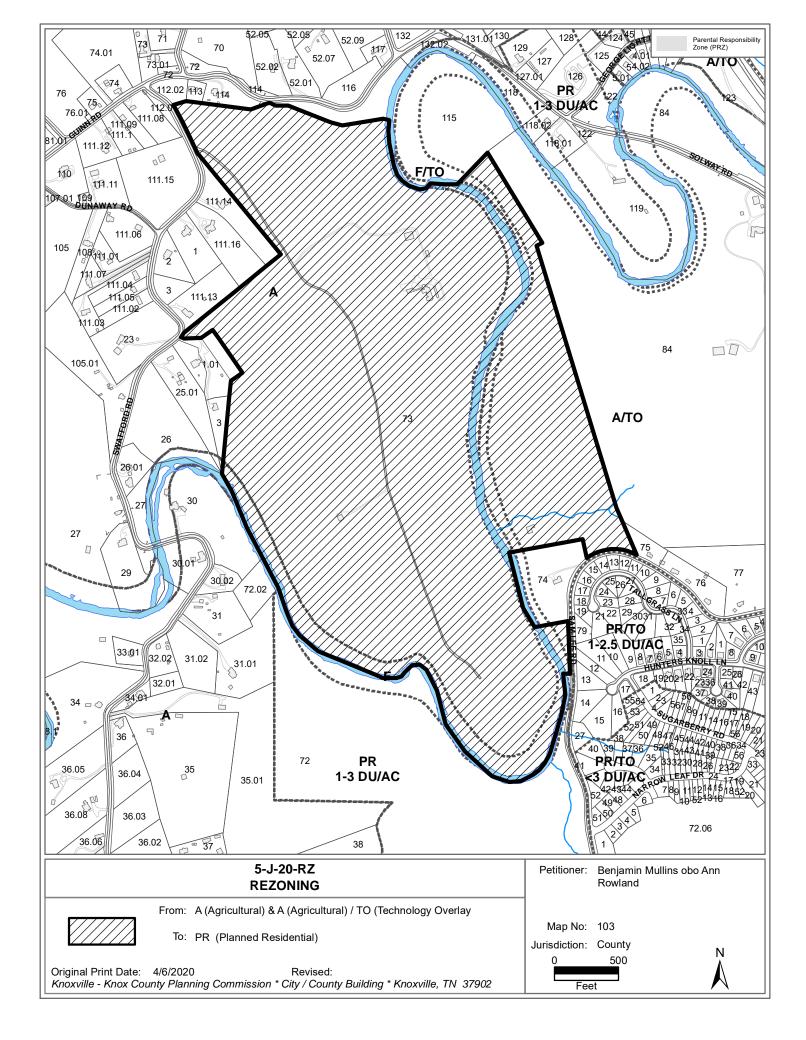
• Potential new school population is estimated using locally-derived data on public school student yield generated by new housing.

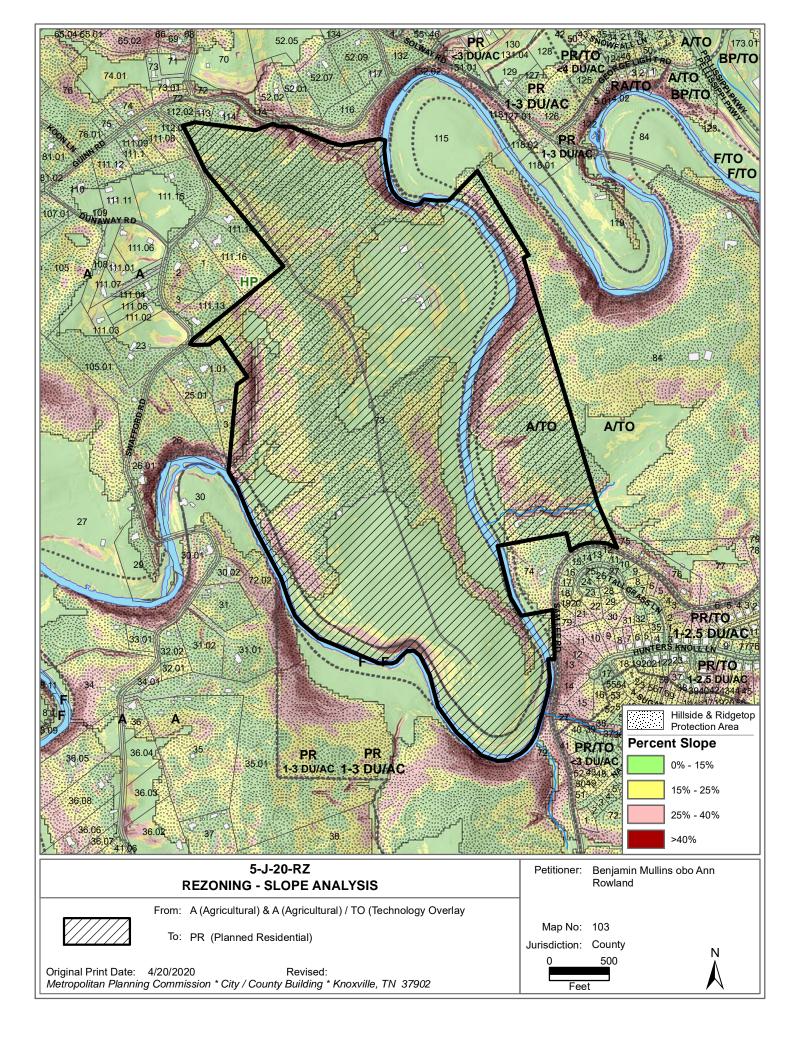
Students are assigned to schools based on current attendance zones as determined by Knox County Schools. Students may request transfers to different zones, and zone boundaries are subject to change.
Estimates presume full build-out of the proposed development. Build-out is subject to market forces, and 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.

If approved, this item will be forwarded to Knox County Commission for action on 6/22/2020. If denied, Knoxville-Knox County Planning Commission's action is final, unless the action to deny is appealed to Knox County Commission. The date of the appeal hearing will depend on when the appeal application is filed. Appellants have 30 days to appeal a Planning Commission decision in the County.







5-J-20-RZ Slope Analysis

	de Portions		Acres 112.17	
Hillside an	d Ridgetop Protect	ion Area		
Value	Percent Slope	Count	Acres	
1	0%-15%	112068	64.32	
2	15%-25%	77705	44.60	
3	25%-40%	35454	20.35	
4	>40%	16615	9.54	
			138.80	
Ridgetop Area				
		Site Total	250.97	

Staff - Slope / Density Analysis Case: 5-J-20-RZ

CATEGORY	ACRES	RECOMMENDED DENSITY (Dwelling Units / Acre)	NUMBER OF UNITS
Non-Hillside	112.17	3.00	336.5
0-15% Slope	64.32	3.00	193.0
15-25% Slope	44.6	2.00	89.2
25-40% Slope	20.35	0.50	10.2
Greater than 40% Slope	9.54	0.20	1.9
Ridgetops	0	3.00	0.0
Subtotal: Sloped Land	138.81		294.2
Maximum Density Guideline (Hillside & Ridgetop Protection Plan)	251	2.51	630.8
Proposed Density (Applicant)	250.98	3.00	752.9

From Hillside & Ridgetop Protection Plan, page 33

LOW DENSITY AND RURAL RESIDENTIAL USES

Density and Land Disturbance Guidelines

As proposals for changes to the zoning map and development plans/concept plans are considered, the following factors are recommended to determine the overall allowable density for residential rezonings and the overall land disturbance allowable in new development or subdivisions for those portions of parcels that are within the Hillside and Ridgetop Protection Area. These factors should be codified as regulations in the future. The areas of the Growth Policy Plan referenced below are presented on page 18.

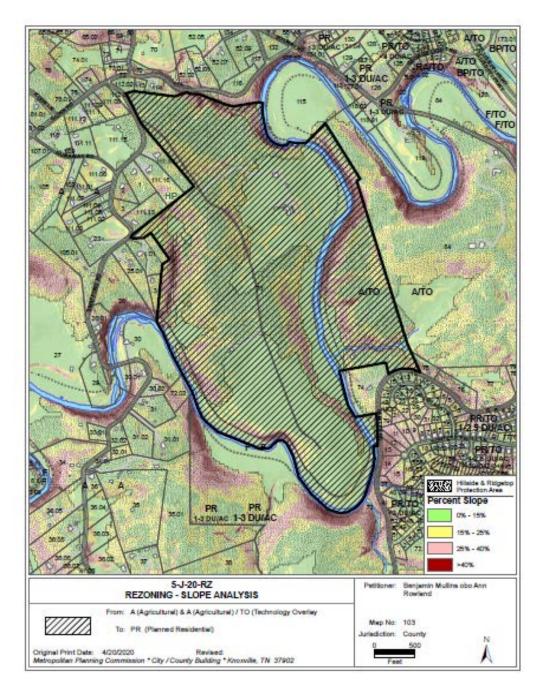
Table 3: Residential Density and Land Disturbance Guidelines for Recommendations on Changes to the Zoning Map and Development Plan/ Concept Plan Review within the Hillside and Ridgetop Protection Area that is within the Urban Growth and the Planned Growth Area

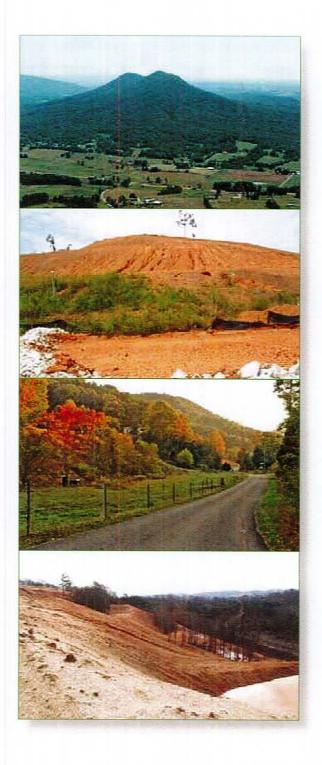
Percent of Slope	Recommended Maximum Density Factor*	Recommended Maximum Land Disturbance Factor**
0 - 15	Knox County: 5 dua City of Knoxville: 6 dua	100%
15 - 25	2 dua	50%
25 - 40	0.5 dua	20%
40 or more	0.2 dua	10%
Ridgetops***	***	***
	A STATE OF STATE	20

dua: dwelling units per acre

- * These factors should be considered guidelines to determine an overall recommended residential density for requests for changes to the zoning map to planned residential (RP-1 in the city and PR in the county) zone districts that are considered by the Metropolitan Planning Commission prior to being considered by the appropriate legislative body. The resulting zone district development right would be considered a budget for dwelling units to be applied over the entire proposed development.
- ** Until such time as regulations are codified by the appropriate legislate body, these factors should be considered guidelines to determine an overall recommended land disturbance area for development plans and concept plans that are considered for approval by the Metropolitan Planning Commission. The overall land disturbance area would be considered a budget for land disturbance to be applied over the entire proposed development.
- *** Ridgetops are generally the more level areas on the highest elevations of a ridge. Because the shapes of Knox County ridges are so varied (see pages 8 – 9), the ridgetop area should be determined on a case-by-case basis with each rezoning and related development proposal.

The Knoxville Knox County Hillside and Ridgetop Protection Plan - 33





Knoxville • Knox County Hillside and Ridgetop Protection Plan

Prepared by the Knoxville Knox County Metropolitan Planning Commission for the City-County Task Force on Ridge, Slope and Hillside Development & Protection This plan was adopted by:

Knoxville City Council on December 13, 2011 Knox County Commission on January 23, 2012

NOTE TO THE READER: The following paragraph was added at the time of adoption by Knox County Commission. This paragraph was not adopted by Knoxville City Council.

KNOX COUNTY AMENDMENT

NATURE OF PLAN AND LEGAL EFFECT

This plan and the principles, objectives, policies and guidelines included herein are advisory in nature and constitute non-binding recommendations for consideration in connection with development of steeply sloped areas. While this plan is being adopted as an amendment to the Knoxville-Knox County General Plan 2033, it is intended to provide background and supplemental information of an advisory nature and to serve as a guide to future MPC staff recommendations, but it is not intended to form an official part of the General Plan which would be binding on future land use decisions by County Commission, MPC, the County Board of Zoning Appeals pursuant to T.C.A. § 13-3-304. Any comparable provisions of the Knoxville-Knox County General Plan 2033 or any Sector Plan which relate to hillside and ridgetop protection shall also be considered advisory consistent with this plan.

Approaching Intersection of Swafford and Guinn from Swafford



Line of Sight Turning Left from Swafford onto Guinn



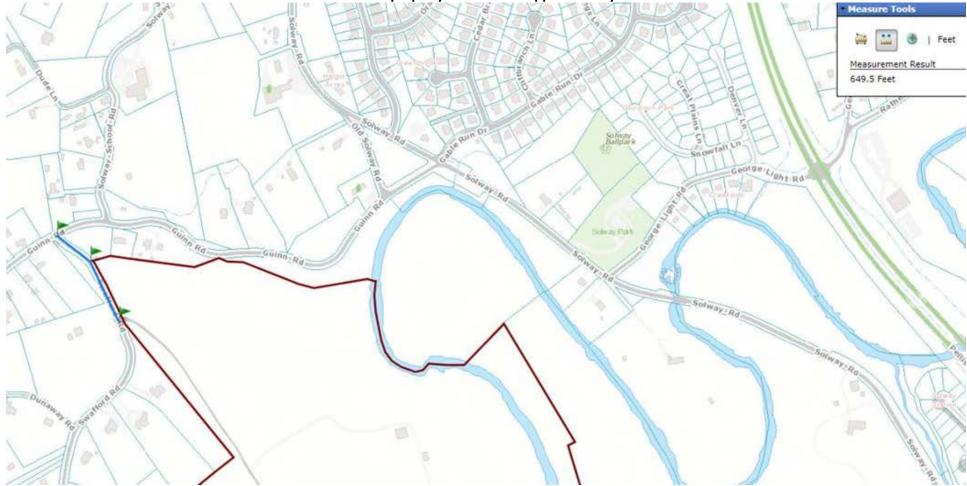
Line of Sight Turning Right from Swafford to Guinn

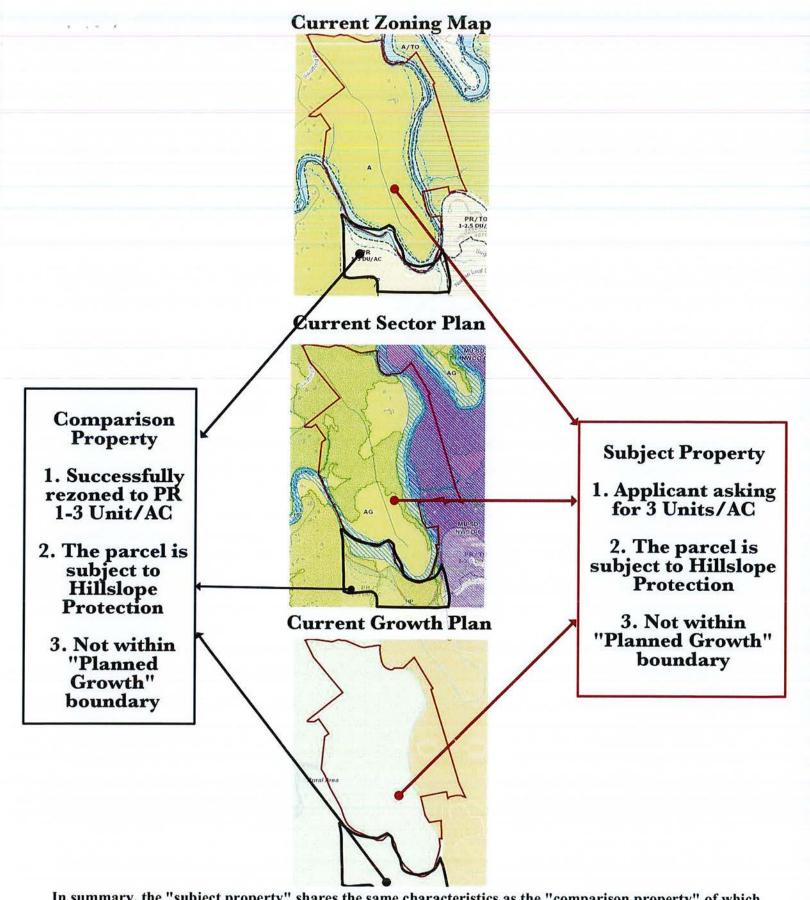


Line of Sight turning left from Guinn to Swafford



From the intersection of Guinn and Swafford to Ms. Rowland's property's entrance is approximately 650 feet.





In summary, the "subject property" shares the same characteristics as the "comparison property" of which was rezoned to PR 1-3 U/Ac. The subject property should receive the same zoning. Reducing the zoning to follow "staff recommendation" of 2.5 U/A will decrease the potential units by 125, which in itself is a good size neighborhood. It is PROBABLE that the land will only yield a maximum 2.5 U/Ac build out, but the land and future developer should not be"handcuffed" by the density and forced to follow "narrow-minded" planning approach for a community that will take 8 years to build out. The 125 units reserved with an appropriate zoning of 3 U/AC could become a bargaining-ship between future developer and County. Additional green-space, county park, road improvements, utility improvements, etc., are all possibilities that can be explored with the zoning of 3 U/A.



SUBDIVISION REPORT -CONCEPT/USE ON REVIEW

► FILE #: 4-SB-20-C	AGENDA ITEM #: 2					
4-D-20-UR	AGENDA DATE: 4/9/202					
SUBDIVISION:	HAYDEN HILL, PHASE 4 SAFE HARBOR DEVELOPMENT Campbell Properties LLC#2					
APPLICANT/DEVELOPER:						
OWNER(S):						
TAX IDENTIFICATION:	103 PART OF 072 View map on KGI					
JURISDICTION:	County Commission District 6					
STREET ADDRESS:	11181 Sam Lee Rd.					
LOCATION:	West side of Sam Lee Rd., northeast of Dearing Way					
SECTOR PLAN:	Northwest County					
GROWTH POLICY PLAN:	Rural Area					
WATERSHED:	Beaver Creek					
APPROXIMATE ACREAGE:	99.45 acres					
ZONING:	PR (Planned Residential)					
• EXISTING LAND USE:	Farm and vacant land					
PROPOSED USE:	Detached Residential Subdivision					
SURROUNDING LAND USE AND ZONING:	North: Vacant land - A (Agricultural) South: Residences - PR (Planned Residential), RA (Low Density Residential) and A (Agricultural) East: Residences and vacant land - PR (Planned Residential) and A (Agricultural) West: Residences and vacant land - A (Agricultural)					
NUMBER OF LOTS:	154					
SURVEYOR/ENGINEER:	David Harbin					
ACCESSIBILITY:	Access is viia Sam Lee Road, a major collector street with an 18' to 20' pavement width within a 50' right-of-way (60' required by the Major Road Plan).					
SUBDIVISION VARIANCES	VARIANCES REQUIRING PLANNING COMMISSION APPROVAL:					
REQUIRED:	None					
	ALTERNATIVE DESIGN STANDARDS REQUIRING PLANNING COMMISSION APPROVAL;					
	None					
	ALTERNATIVE DESIGN STANDARDS APPROVED BY THE KNOX COUNTY DEPARTMENT OF ENGINEERING AND PUBLIC WORKS:					
GENDA ITEM #: 23 FILE #: 4-SB-2	20-C 4/2/2020 01:34 PM TOM BRECHKO PAGE #: 23-					

1. The maximum grade at intersections was approved at up to three (3) percent as shown on the street profiles except that the maximum grade shall not exceed the cross-slope requirements of the Public Rights-of-Way Accessibility Guidelines (PROWAG) or 2010 ADA Standards as appropriate when a pedestrian crossing is proposed.

STAFF RECOMMENDATION:

APPROVE the Concept Plan subject to 11 conditions.

1. Connection to sanitary sewer and meeting any other relevant requirements of the utility provider.

2. Provision of street names which are consistent with the Uniform Street Naming and Addressing System within Knox County (Ord 91-1-102).

3. Installation of sidewalks 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.

4. The Knox County Department of Engineering and Public Works is requiring the applicant to widen Sam Lee Road to a width of 20' with a binder coat along the street frontage for this phase of the subdivision. The details and timing of the road improvements shall be worked out with Knox County during the Design Plan stage of the subdivision.

5. Implementation of any recommended improvements identified in the Transportation Impact Study prepared by Ajax Engineering, dated March 16, 2020 and as revised and approved by the Knox County Department of Engineering and Public Works and Planning staff. The improvements shall be installed to the standards approved by the Knox County Department of Engineering and Public Works.

6. All closed contours/sinkholes and the 50' setback around the feature shall be shown on the final plat. Building construction within the 50' setback may be permitted if a geotechnical study prepared by a registered engineer states that building within the 50' sinkhole buffer is acceptable and the study is approved by the Knox County Department of Engineering and Public Works. The geotechnical study must be completed and submitted to Knox County Department of Engineering and Public Works prior to submission of the final plat for any lots that do not have a building area outside of the 50' setback area. A 5' drainage easement extending outside of the uppermost closed contour is required. Building construction is not permitted within the hatchered contour area of the sinkhole or the drainage easement. Engineered footings may be required for any structures within the 50' sinkhole buffer..

7. Meeting all applicable requirements of the Knox County Department of Engineering and Public Works.

8. Prior to certification of the final plat for the first phase of the subdivision, establishing a property owners association that will be responsible for the maintenance of the common areas, amenities and drainage system.

 If applicable, identify the blueline stream that parallels Sam Lee Road and all required buffers on the final plat.

10. Placing a note on the final plat that all lots will have access only to the internal street system.

11. Submitting to Planning staff prior to final plat review by the Planning Commission or Planning staff, the certification of design plan approval form as required by the Knoxville-Knox County Subdivision Regulations.

APPROVE the Development Plan for up to 154 detached dwelling units on individual lots and the reduction of the peripheral setback from 35' to 25' for Lots 38-42, 93 and 94, subject to 1 condition.

1. 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:

The applicant is proposing to subdivide this 99.45 acre tract into 154 detached residential lots and common area (containing approximately 61.09 acres) at a density of 1.55 du/ac. This property which is zoned PR (Planned Residential) is located on the west side of Sam Lee Road, northeast of Dearing Way. The proposed subdivision will be served by public streets with access out to Sam Lee Road at the northern and southern ends of the subdivision's frontage on Sam Lee Road.

The proposed subdivision layout includes a significant amount of common area which includes 61.09 acres (61.4% of the site). The majority of the common area includes the steeper portions of the site. The preliminary grading plan is limiting the disturbance into these common areas. The largest common area is at the northern half of the property and includes approximately 47.94 acres. This site is identified as common area / future

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development. Due to site constraints, any future development would be limited to just a few residences.

While this site is not within the parent responsibility zone, sidewalks will be provided on one side of all streets. This will provided pedestrian access throughout the subdivision. An amenity area is being provided near the center of the subdivision adjacent to an existing pond.

A Transportation Impact Study was prepared by Ajax Engineering, dated March 16, 2020. The recommended improvements shall be installed to the standards approved by the Knox County Department of Engineering and Public Works. The Knox County Department of Engineering and Public Works is requiring the applicant to widen Sam Lee Road to a width of 20' with a binder coat along the street frontage for this phase of the subdivision. The details and timing of the road improvements shall be worked out with Knox County during the Design Plan stage of the subdivision.

The applicant has requested a reduction of the peripheral setback from 35' to 25' for Lots 38-42, 93 and 94. The majority of the subdivision will have a 35' peripheral setback.

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

1. The proposed detached residential subdivision will have minimal impact on local services since utilities are available or will be extended to serve this site.

2. The proposed low density residential development at a density of 1.55 du/ac is compatible with the scale and intensity of recent development that has occurred in this area.

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

1. With the recommended conditions, the proposed residential subdivision meets the standards for development within a PR Zone and all other requirements of the Zoning Ordinance.

2. The proposed subdivision is consistent with the general standards for uses permitted on review: The proposed development is consistent with the adopted plans and policies of the General Plan and Sector Plan. The use is in harmony with the general purpose and intent of the Zoning Ordinance. The use is compatible with the character of the neighborhood where it is proposed. The use will not significantly injure the value of adjacent property. The use will not draw additional traffic through residential areas since the development will have access to a major collector street.

CONFORMITY OF THE PROPOSAL TO ADOPTED PLANS

1. The proposed development is consistent with the Northwest County Sector Plan which proposes rural residential uses, The approved PR zoning for this site will allow an overall density up to 3.0 du/ac. The proposed residential development at a density of 1.55 du/ac is consistent with the Sector Plan and the approved zoning density.

2. The site is located within the Rural Area on the Knoxville-Knox County-Farragut Growth Policy Plan.

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: 63 (public school children, grades K-12)

Schools affected by this proposal: Hardin Valley Elementary, Hardin Valley Middle, and Hardin Valley Academy.

• Potential new school population is estimated using locally-derived data on public school student yield generated by new housing.

• Students are assigned to schools based on current attendance zones as determined by Knox County Schools. Students may request transfers to different zones, and zone boundaries are subject to change.

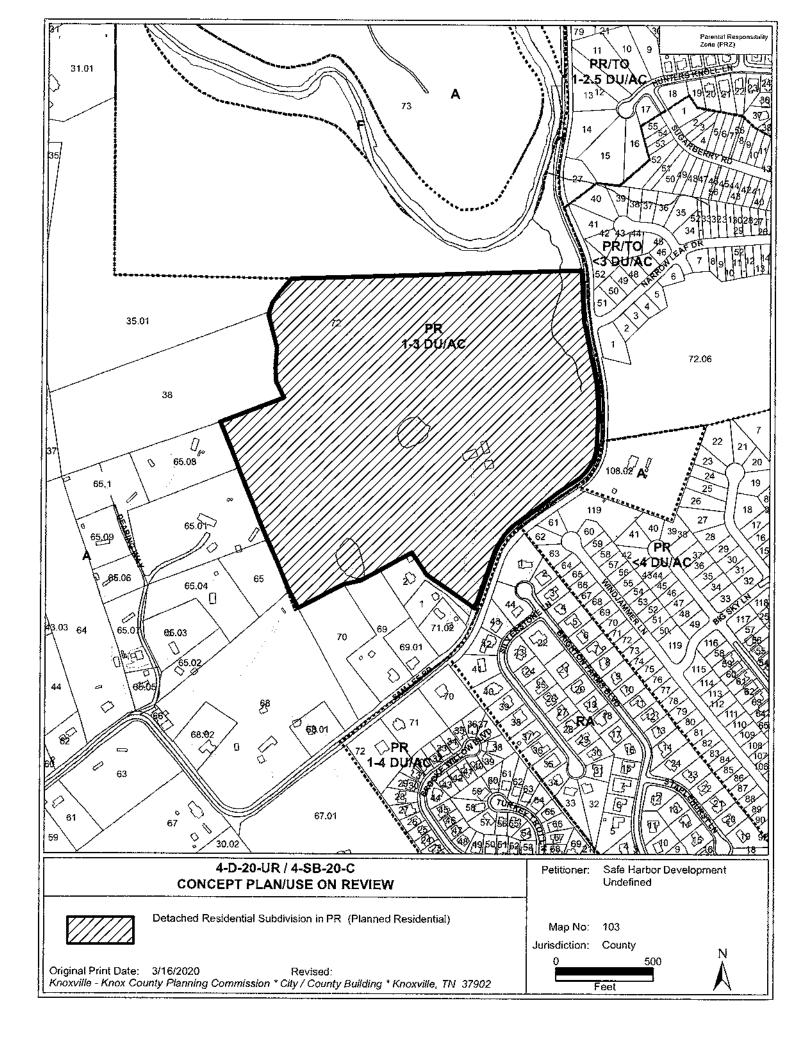
• Estimates presume full build-out of the proposed development. Build-out is subject to market forces, and timing varies widely from proposal to proposal.

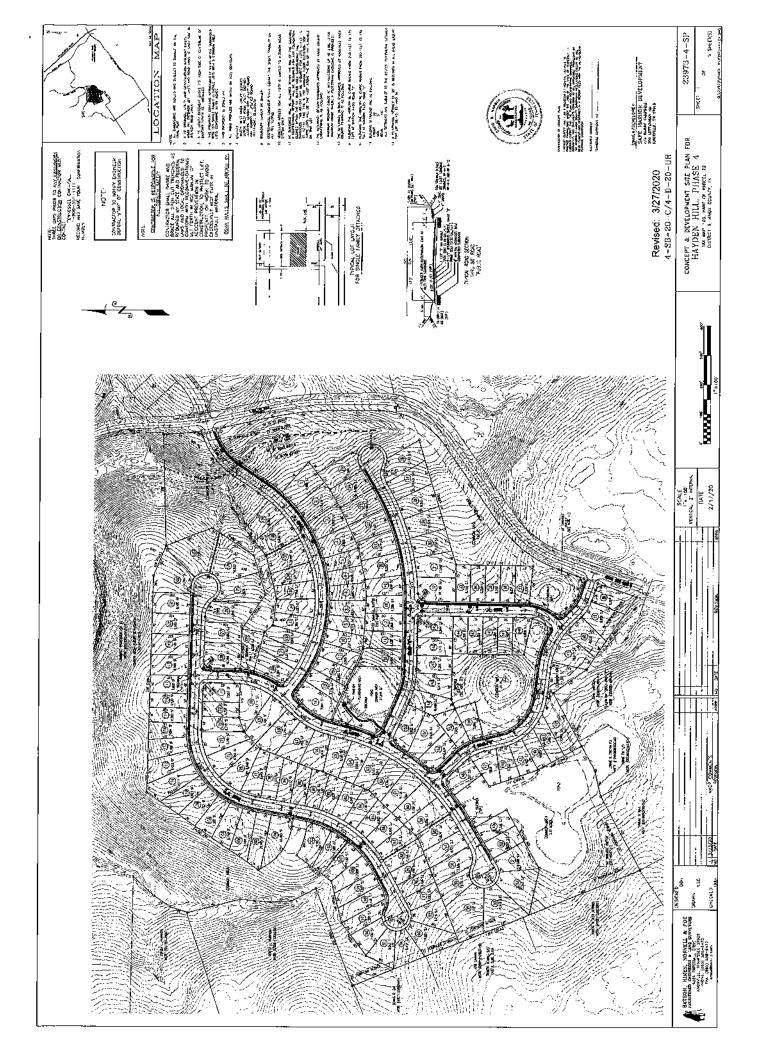
• Student yields from new development do not reflect a net addition of children in schools. Additions occur incrementally over the build-out period. New students may replace current population that ages through the system or moves from the attendance zone.

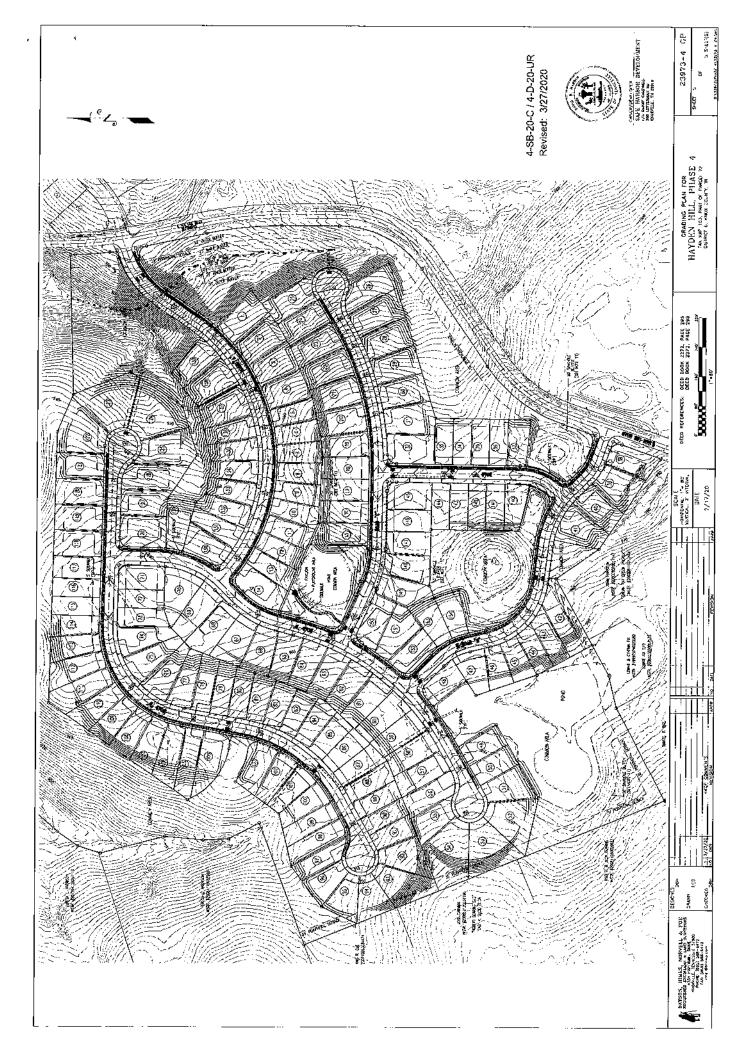
Knoxville-Knox County Planning Commission's approval or denial of this concept plan request is final, unless the action is appealed to Knox County Chancery Court. The date of the Knox County Chancery Court hearing will depend on when the appeal application is filed.

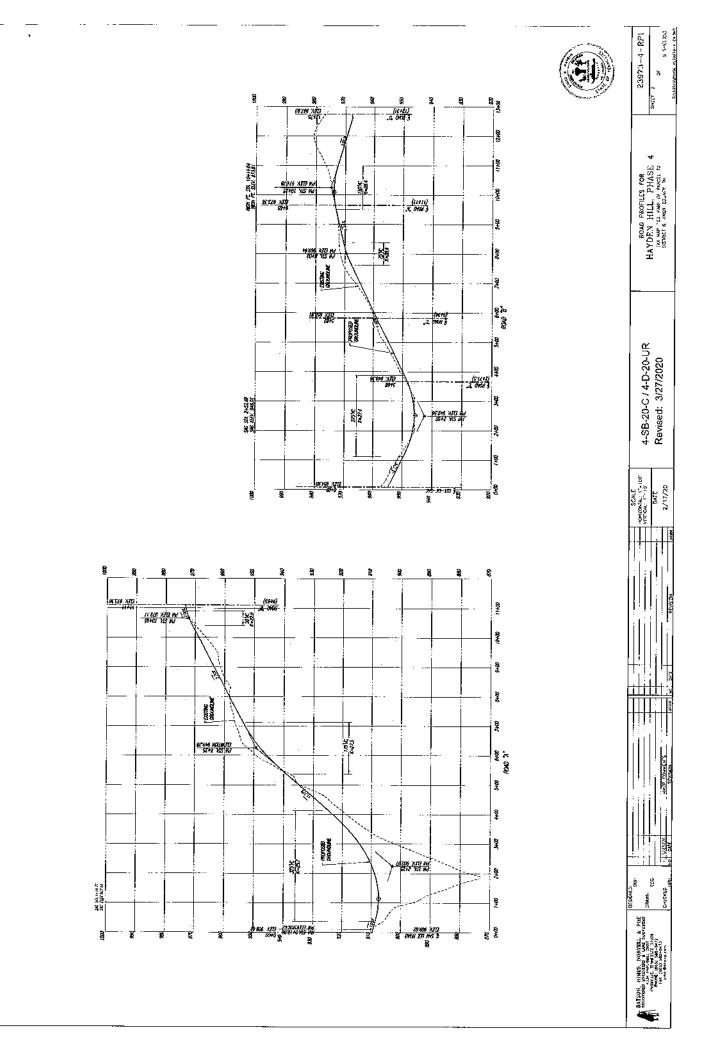
Knoxville-Knox County Planning Commission's approval or denial of this use on review request is final, unless the action is appealed to the Knox County Board of Zoning Appeals. The date of the Knox County Board of Zoning Appeals hearing will depend on when the appeal application is filed.

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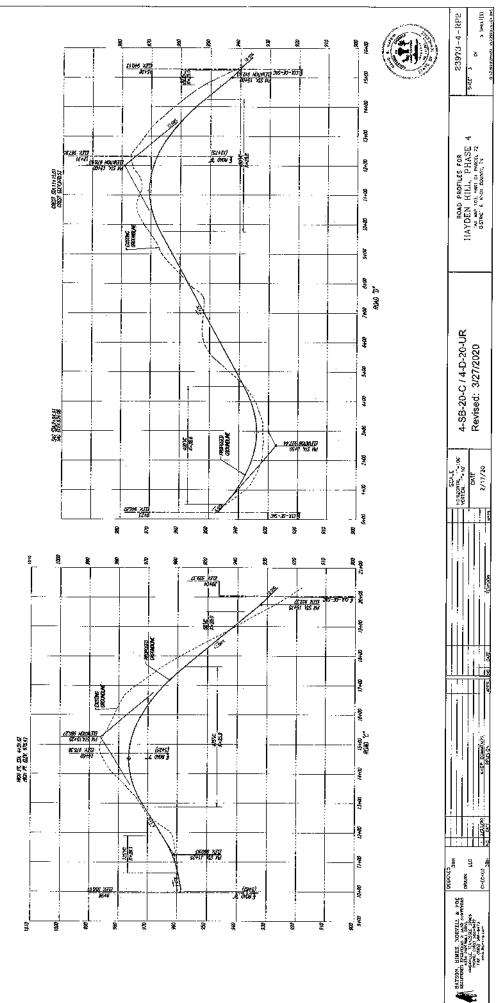






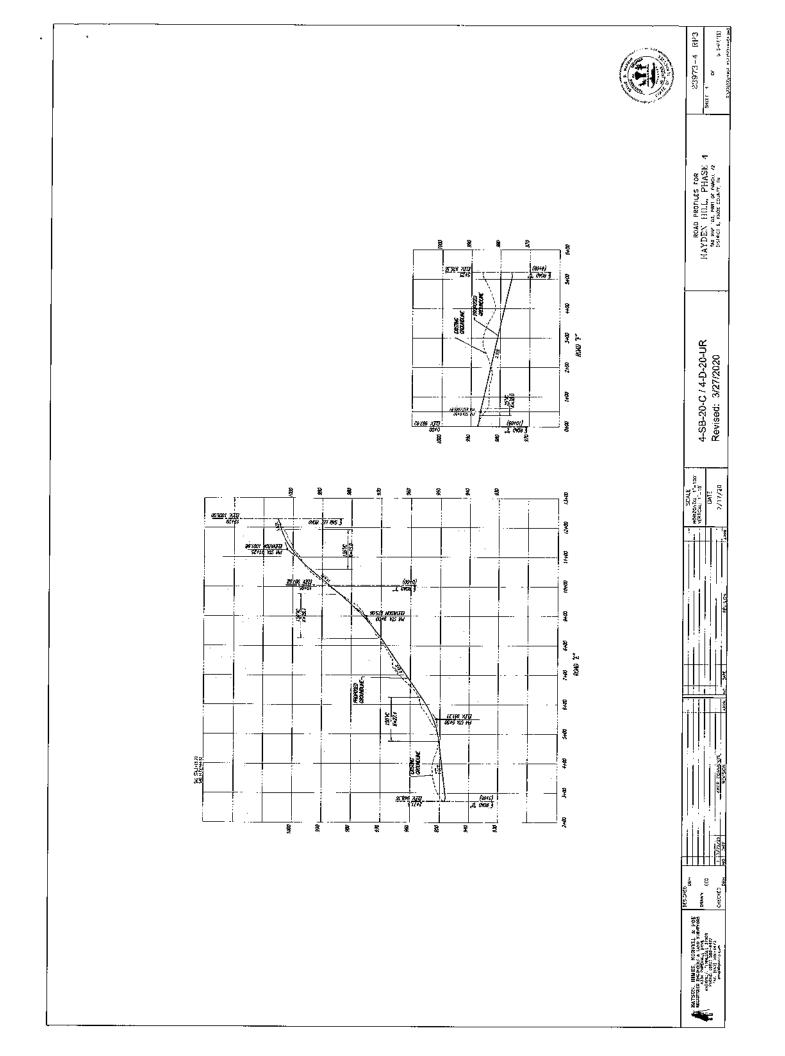


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	DEVELOPME	NT REQUEST		
	DEVELOPMENT	SUBDIVISIO	DN ZO	ONING
	 Development Plan Planned Developm Use on Review / Sp 	ient 🔄 🖂 Final P	ot Plan 🗌	Pian Amendment
SAFE HARBOR DEVEL Applicant Name	E .	FEB 2 4 2020	Affiliation	
2/24/20 Date Filed	イ / タ / 2.0 Meeting Date (If app	Knoxville-Knox County / 4/ Planning 4 licable)	- SB- 2 - D - 2 File Number	o-ur s(s)
CORRESPONDENCE	unification should be directed	to the approved contact listed	holosy	
Applicant Owner Op				e Architect
DAVID HARBIN Name	в	ATSON, HIMES, NOR Company	VELL, & PO	θĒ
4334 PAPERMILL DR Address	IVE	KNOXVILLE City	T N State	37909 Zip
865 - 588 - 6472	harbin C bhn	~ p . com		
Phone	Email			
Phone CURRENT PROPERTY				
CURRENT PROPERTY	NFO 5,UC 308 LETI	ERMAN DRIVE ess KNOXVILLE 3791	ବ Owr	ner Phone
current property i	NFO 5,UC 308 LETI		9 Own PARCEL	
CURRENT PROPERTY I anphell Properties Owner Name (If different) 11181 SAM LEE RD	NFO 5, LLC 308 LETT #2 Owner Addr	ess KNOXVILLE 3791 CLT MAP 103 Parcel ID		72
CURRENT PROPERTY I anphell Properties Owner Name (If different) 11181 SAM LEE RD Property Address W. SIDE OF SAM LEE RD,	NFO 5, LLC 308 LETT #2 Owner Addr	ess KNOXVILLE 3791 CLT MAP 103 Parcel ID	₽ARCEと 55↓05 aC Tract Size	72
CURRENT PROPERTY I amphell Properties Owner Name (If different) It 181 SAM LEE RD Property Address W. SIDE OF SAM LEE RD, General Location	NFO 5, LLC 308 LETT #2 Owner Addr NE OF DEARING W	ess KNOXVILLE 3791 CLT MAP 103 Parcel ID Y PR/F Zoning District	PARCEL 55.05 ac Tract Size 1-3du rural	72 ac.

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	REQUEST				
DEVELOPMENT	 Development Plan Use on Review / Special Residential Non-Residential Home Occupation (specify): Other (specify): 	l Use			
SUBDIVISION	HAYDEN HILL Proposed Subdivision Name Parcel Change Combine Parcels St Divide Parcel Other (specify): Attachments / Additional Requirements	Total Number of Lots Cre	ated:		ASE 4 iit / Phase Number
SONING	 Zoning Change: Proposed Zoning Plan Amendment Change: Proposed Plan Design Property Use (specify) Other (specify): 	nation(s) Proposed Density (units/	'acre)	Previous Re	zoning Requests
STATE USE ONLY	PLAT TYPE Staff Review Planning Commission ATTACHMENTS Property Owners / Option Holders Variance ADDITIONAL REQUIREMENTS Design Plan Certification (Final Plat only) Use on Review / Special Use (Concept Plan only) Traffic Impact Study	e Request	FEE 1:	5060.00	5060.00

AUTHORIZATION By signing below, I certify I am the property owner, applicant or the owners authorized representative.

David C Applicant Signature

865-688-6472 Phone Number

Thomas Brechles

Staff Signature

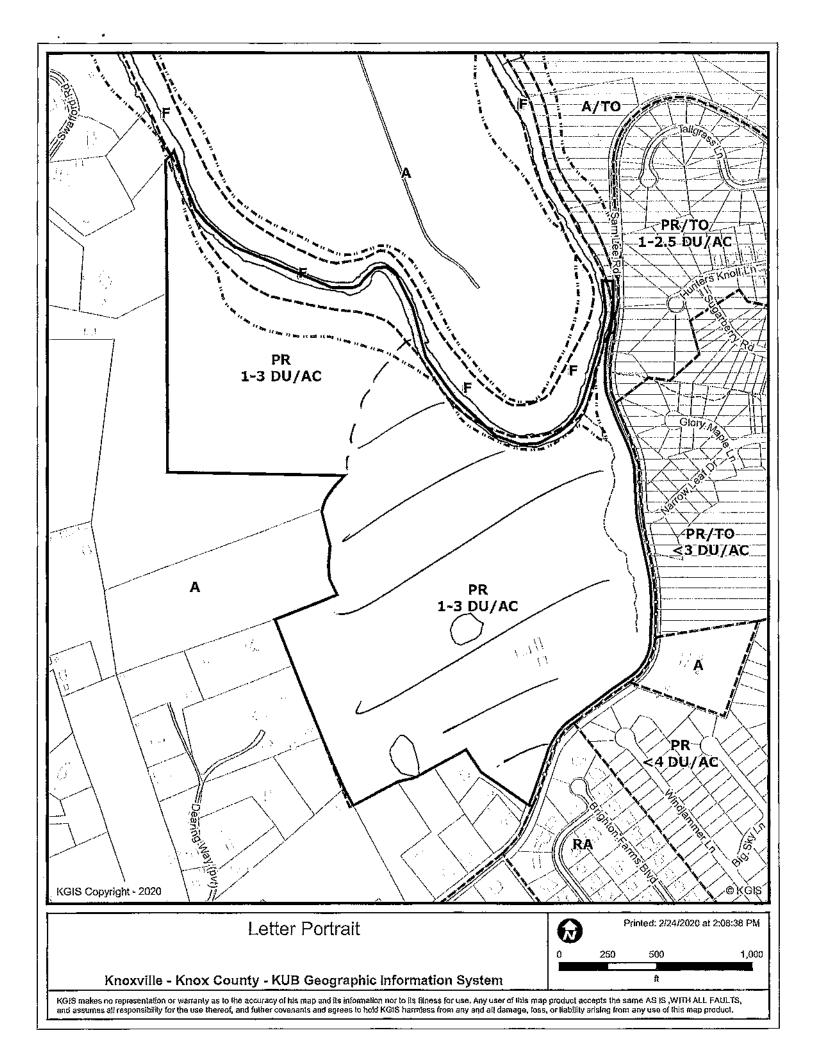
DAVID HARBIN Please Print 2 | 24 | 20 Date

harbinebhn-p.com Email

Thomas Brechko

Please Print

2-24-2020 Date





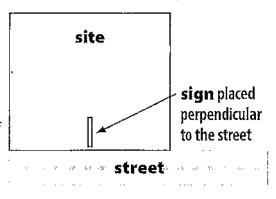
REQUIRED SIGN POSTING AGREEMENT

For all rezoning, plan amendment, concept plan, use on review, right-of-way closure, and street name change applications, a sign must be posted on the subject property, consistent with the adopted Administrative Rules and Procedures.

At the time of application, staff will provide a sign(s) to post on the property as part of the application process. 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 Planning offices. The applicant will be charged a fee of \$10 for each replacement sign.

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. Planning staff may recommend a preferred location for the sign to be posted at the time of application.

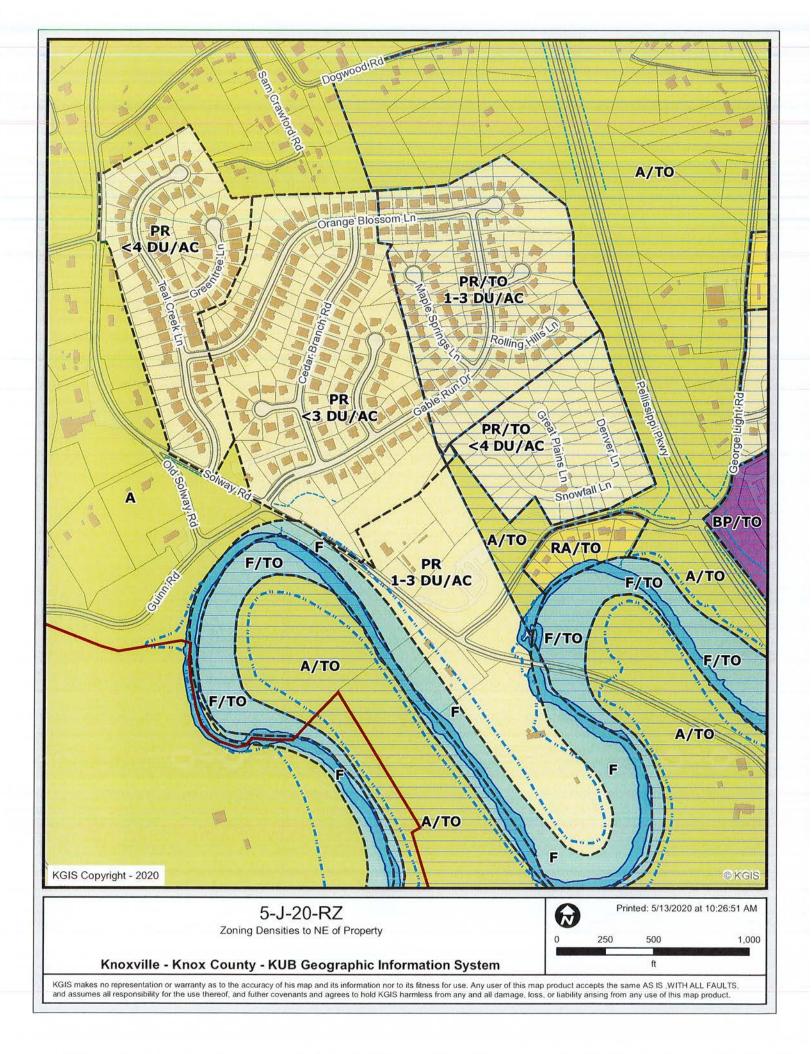


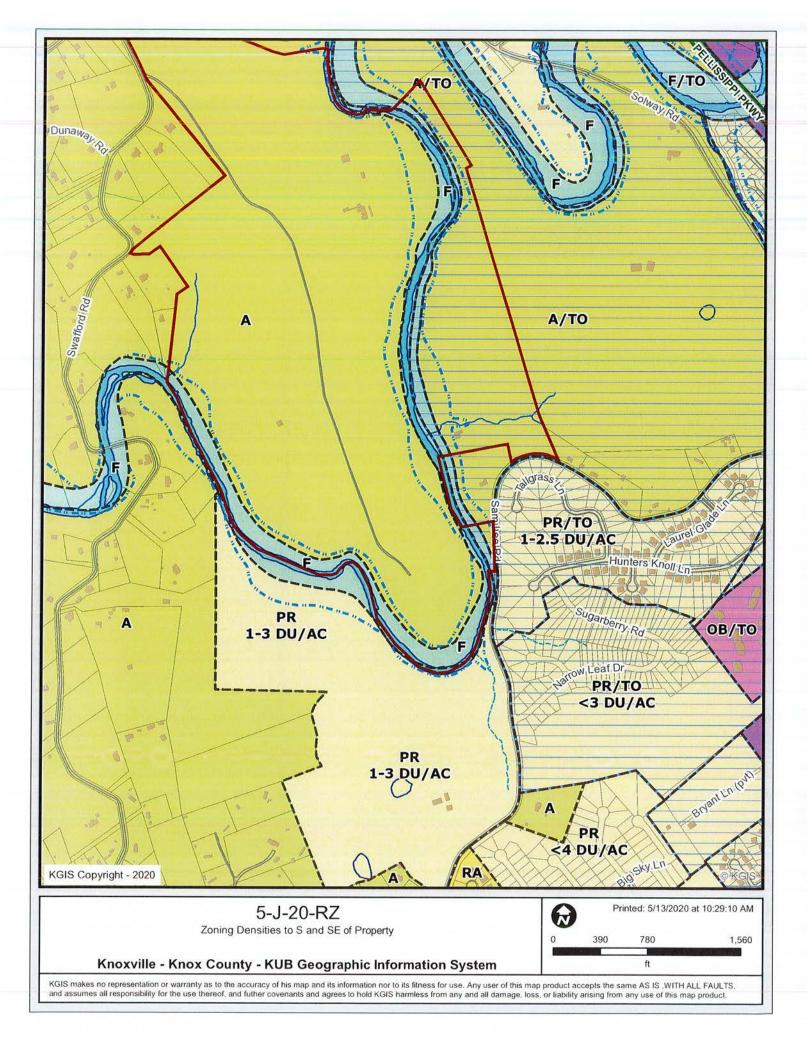
TIMING

The sign(s) must be posted 15 days before the scheduled Planning Commission public hearing and must remain in place until the day after the meeting. In the case of a postponement, the sign can either remain in place or be removed and reposted 15 days before the next Planning Commission meeting.

I hereby agree to post and remove the sign(s) provided on the subject property consistent with the above guidelines and between the dates of:

<u>March 25, 2020</u> and <u>April 10, 2020</u> (15 days before the Planning Commission meeting) (the day after the Planning Commission meeting)
Signature: Karty Patteron
Printed Name: Kaity Patterson
Phone: 865-588-6472 Email: Kpatterson @ bhn-p.com
Date: 2 24 20
File Number: $4-3B-20 \cdot C / 4 \cdot D - 20 \cdot UR$





KNOXVILLE-KNOX COUNTY PLANNING COMMISSION A RESOLUTION AMENDING THE NORTHWEST COUNTY SECTOR PLAN

WHEREAS, the Knoxville-Knox County Planning Commission, a regional planning commission established pursuant to state statute, has the duty to make, adopt and amend plans for the physical development of Knoxville and Knox County; and

WHEREAS, the Planning Commission pursuant to state statute has prepared and adopted the Knoxville-Knox County General Plan 2033, as the official comprehensive plan for Knoxville and Knox County; and

WHEREAS, the Council of the City of Knoxville and the Commission of Knox County have adopted the Knoxville Knox County General Plan 2033, as the official comprehensive plan for Knoxville and Knox County; and

WHEREAS, the Planning Commission has prepared the Knox County Future Land Use Map, a portion of which is contained within the Northwest County Sector Plan, consistent with the requirements of the General Plan; and

WHEREAS, the Knoxville-Knox County General Plan 2033, provides criteria for periodic updates and amendments of the land use maps contained within plans initiated by the Planning Commission or in response to applications from property owners; and

WHEREAS, Benjamin Mullins on behalf of Ann Rowland has submitted an application to amend the Sector Plan from Agricultural to Rural Residential, for property described in the application; and

WHEREAS, the Planning Commission staff recommends approval of a revised amendment to the Northwest County Sector Plan, consistent with General Plan requirements that such amendment represents either a logical extension of a development pattern, or is warranted because of changing conditions in the sector as enumerated in the Plan; and

WHEREAS, the Planning Commission, at its regularly scheduled public hearing on May 14, 2020, after consideration of the staff recommendation and testimony from those persons in support and opposed to the plan amendment, approved the amendment for the subject property, as requested, and/or amended.

NOW, THEREFORE, BE IT RESOLVED BY THE KNOXVILLE-KNOX COUNTY PLANNING COMMISSION:

SECTION 1: The Planning Commission hereby adopts the revised amendment to the Northwest County Sector Plan, with its accompanying staff report and map, file #5-A-20-SP.

SECTION 2: This Resolution shall take effect upon its approval.

SECTION 3: The Planning Commission further recommends that Knoxville City Council likewise consider this revised amendment to the General Plan 2033.

Date

Chairman

Secretary



April 28, 2020

Mrs. Tarren Barrett, P.E. Transportation Planner Knoxville – Knox County Planning 400 Main Street, Suite 403 Knoxville, TN 37902

RE: Transportation Impact Letter (TIL) for Rezoning Request (5-J-20-RZ / 5-A-20-SP) Rowland Property (3324 Swafford Road) Knox County, Tennessee

Dear Tarren:

This correspondence provides a summary of a transportation impact evaluation that was conducted for a single family residential development that is proposed to be located on the referenced Rowland Property in the Solway community of Knox County. More specifically, this property is located northwest of Sam Lee Road, southwest of Solway Road and east of Swafford Road. The property consists of 248.99 acres that is being considered for rezoning, with the maximum number of units not to exceed 750.

Project Site Access Description:

The proposed development is large and will thus require multiple access points. These are generally to be placed as follows;

- 1) Sam Lee Road in the large curve north of Narrow Leaf Drive This access will serve the southeast quadrant of the site which is separated from the remainder of the property by Beaver Creek.
- 2) Sam Lee Road between the above access and Narrow Leaf Drive This access, which will require a bridge over Beaver Creek, will serve the southern portions of the site, exclusive of the quadrant discussed in Item 1.
- 3) Swafford Road south of Guinn Road This access will serve the northern portions of the site.

Traffic Volume Conditions for Roadways Surrounding Project Site:

The table below summarizes existing and anticipated future traffic volumes for the roadways around the project site that will be most impacted by site generated traffic. The values shown are Average Daily Traffic (ADT) volumes, based on the most recent ADT counts collected by the Metropolitan Planning Commission (MPC). A two percent annual growth rate was assumed to expand the ADT values to later years, and site generated trips were added to estimate full buildout conditions. These trips were based on trip generation for the maximum number of units anticipated (750), utilizing Institute of Transportation Engineer's trip generation rates for single-family detached housing (Land Use Code 210). This estimation assumed that each access point would serve one-third of the total site generated traffic. An ADT location figure is enclosed, as well as a trip generation summary sheet, and an MPC provided ADT summary sheet.



KNOXVILLE 8550 Kingston Pike MEMPHIS BOWLING GREEN FAX 865.670.8866

Roadway (Location)	2018 ADT	2019 ADT	2020 ¹ Estimate	2029² Background	2029 ³ Buildout
Sam Lee Road (W. of Solway)	646	-	672	685	5,109 ^A
Swafford Road (S. of Guinn)	-	510	520	530	2,742 ^B
Guinn Road (W of Solway)	-	1,390	1,418	1,446	3,658 ^B
Solway Road (W. of Pellissippi)	-	1,642	1,675	1,709	5,028 ^C
Solway Road (S. of Sam Lee)	4,000		4,162	4,245	7,564 ^c

AVERAGE DAILY TRAFFIC SUMMARY TABLE

¹ Growth Rate = 2% per year used to expand ADT counts to current year (2020)

² Growth Rate = 2% per year used to expand 2020 ADT Estimate to Background Year (2029)

³ Site Generated Trips added as follows for Full Buildout (2029):

^ 2/3 of total trips added from 2 of 3 access points

^B 1/3 of total trips added from 1 of 3 access points

^c 1/2 of total trips added – Assume ½ go north on Solway Road and ½ go south on Solway Road

As shown in the table and on the attached Average Daily Traffic Locations Figure, Solway Road will likely have some of the higher ADT values after buildout of the project site. These values are estimated to be over 5000, north of the project area approaching Pellissippi Parkway, and over 7500, south of the project area. Sam Lee Road is also anticipated to have a value over 5000, on the west side of Solway Road. These values do constitute significant increases, but are well within the accepted capacity levels of two-lane roadways.

Potential Transportation Issues:

Solway Road possesses the widest pavement widths and best horizontal and vertical alignment conditions of all the project area roadways. The other roadways shown in the above table are somewhat more narrow, possess more extreme horizontal and vertical alignments, and some lack edge-line striping. Primary issues for project design will be locating access points where sight distances will be acceptable and ensuring that physical conditions are conducive to safe and efficient traffic flow. This will be most especially true from the standpoint of pavement widths, alignments, pavement marking, signing and the condition of guardrail. In addition, since turning lanes do not exist at area intersections, the need for these will require evaluation.

Please do not hesitate to contact myself or Becky Bottoms if you should have any questions, comments, or require additional information. We appreciate the opportunity to submit this Transportation Impact Letter.

Sincerely,

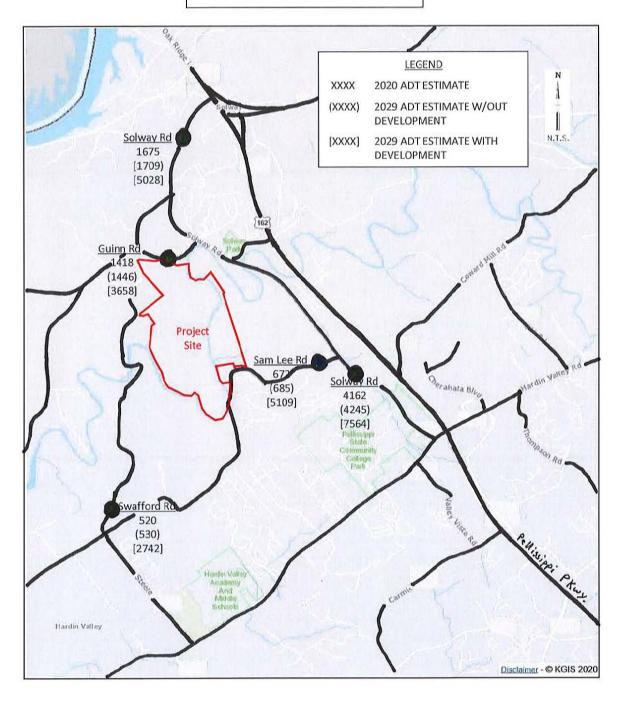
Na I. Chi

Alan L. Childers, P.E. Director Emeritus

Enclosures



AVERAGE DAILY TRAFFIC LOCATIONS



Single-Family Detached Housing (210)

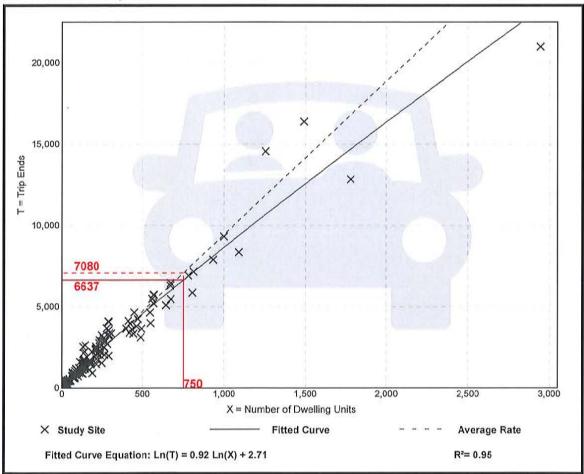
Vehicle Trip Ends vs:	Dwelling Units
On a:	Weekday

Setting/Location:	General Urban/Suburban
Number of Studies:	159
Avg. Num. of Dwelling Units:	264
Directional Distribution:	50% entering, 50% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation
9.44	4.81 - 19.39	2.10

Data Plot and Equation

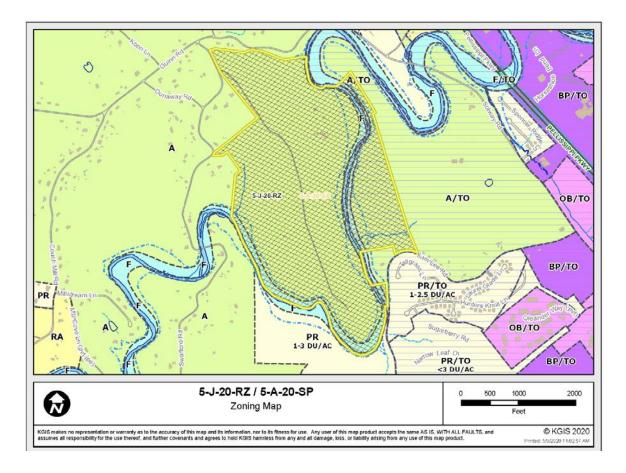


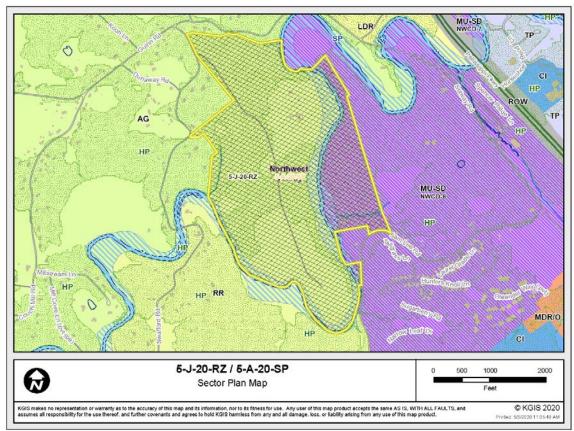
Trip Gen Manual, 10th Edition • Institute of Transportation Engineers

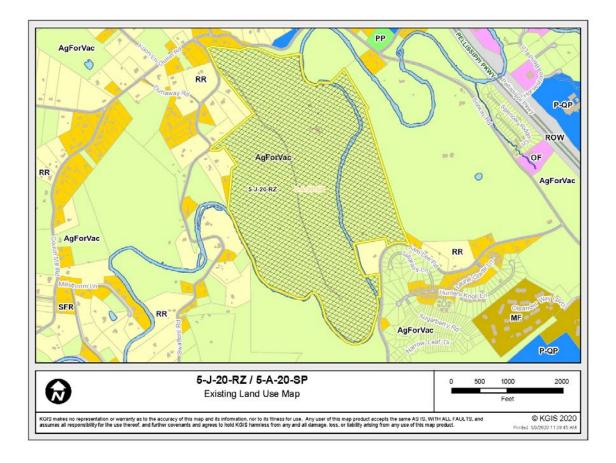
MPC ADT COUNTS

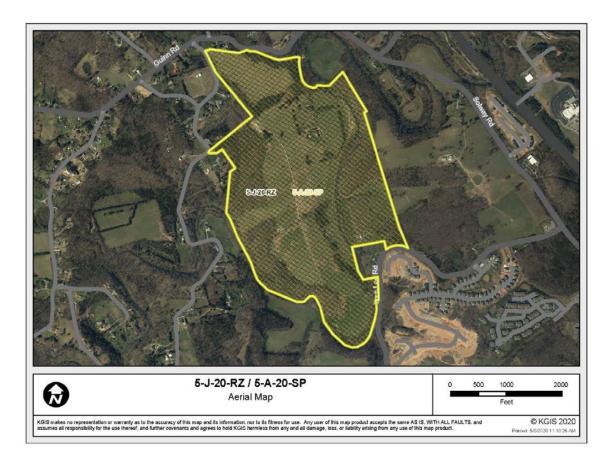
Road	Location	2019	2018	2017	2016	2015
Swafford Rd	N of Sam Lee Rd	510			420	
Guinn Rd	W of Solway Rd	1390			690	
Solway Rd	N of Hardin Valley Rd	8780				7800
Solway Rd	N of Sandstone Rd, W of Pellissippi Pkwy	1642				
Steele Rd	N of Hardin Valley Rd	3150		2890		2810
Sam Lee Rd	W of Solway Rd		646	415	436	
Hardin Valley Rd	E of Marietta Church Rd	6920			5340	
Hardin Valley Rd	W of Valley Vista		18120	17969	17791	17615
Hardin Valley Rd	W of Brooke Willow Blvd	15010				
Solway Rd	N of Sam Lee Rd*		3400			
Solway Rd	S of Sam Lee Rd*		4000			
Solway Rd	N of Guinn Rd*		1600			
Solway Rd	S of Guinn Rd*		2800			
George Light Rd	E of Solway Rd					1120

*Estimate based on turning movement count and judgment











DEVELOPMENT REQUEST

DEVELOPMENT

SUBDIVISION

ZONING

- Development Plan
- Planned Development
- □ Use on Review / Special Use
- Concept PlanFinal Plat

Owner

- Plan Amendment
- Rezoning

Benjamin Mullins o/b/o Ann Rowland

Applicant Name		Affiliation	
March 26, 2020	May 14, 2020	5-T-20-RZ	5-A-20-51
Date Filed	Meeting Date (if applicable)	File Numbers(s)	

CORRESPONDENCE

All correspondence related to this application should be directed to the approved contact listed below.

📕 Applicant 🗌 Owner 🗌 Option Ho	older 🛛 Project Surveyor	🗌 Engineer 🔲	Architect/Landscap	e Architect
Benjamin C. Mullins		Frantz, McConr	nell & Seymour,	LLP
Name		Company		
550 West Main Street, Suite 500		Knoxville	TN	37922
Address		City	State	Zip
865-546-9321	bmullins@fmsllp.con	n		
Phone	Email			

CURRENT PROPERTY INFO

Elizabeth Ann Rowland	3324 Swaffo	rd Rd.	
Owner Name (if different)	Owner Address		Owner Phone
3324 Swafford Rd		103 073	
Property Address		Parcel ID	
Northwest County, Southwest	t of Solway off of Swafford	Road	248.99 acres
General Location			Tract Size
6th District		А; А/ТО	
Jurisdiction (specify district above)	🗌 City 🔳 County	Zoning Distric	t
NorthWest County	AG/MU-SD	NWCO-6	Planned Growth; Rural Area
Planning Sector	Sector Plan Land Use Cla	assification	Growth Policy Plan Designation
Single Family Residence	Ν		
Existing Land Use Vacant	Septic (Y/N)	Sewer Provider	Water Provider

REQUEST

IN	🗌 Development Plan 🔲 Use o	n Review / Special	Use	
DEVELOPMENT	🗌 Residential 🔲 Non-R	esidential		
/ELO	Home Occupation (specify):			
DEV	Other (specify):			
-	-			
Z	Proposed Subdivision Name			Unit / Phase Number
ISIO	Parcel Change			
SUBDIVISION	Combine Parcels	Divide Parcel	Total Number of Lots Created:	
SU	Other (specify):	the state of the state of the state		
	Attachments / Additional Requ	lirements		
	Zoning Change: PR (Planned)	d Residential)		
	Proposed Zor	ling		
	Plan Amendment Change: Ru	ıral Residential		
DNINOZ		oposed Plan Desig	gnation(s)	
ZON	3 du/ac	NA		
	Proposed Density (units/acre)		Previous Rezoning Requests	
	Other (specify): NA			

FEE 1: TOTAL: PLAT TYPE □ Staff Review Planning Commission STAFF USE ONLY 0527 \$800.00 \$5,800 **ATTACHMENTS FEE 2:** Property Owners / Option Holders Variance Request ADDITIONAL REQUIREMENTS 0325 \$5,000 Design Plan Certification (Final Plat only) FEE 3: Use on Review / Special Use (Concept Plan only) Traffic Impact Study

AUTHORIZATION By signing below, I certify I am the property owner, applicant or the owners authorized representative.

Benjamin C. Mullins Digitally signed by Benjamin C. Mullins Date: 2020.03.26 16:10:05 -04'00'	Benjamin C. Mullins	3-26-2020
Applicant Signature	Please Print	Date
865-546-9321	bmullins@fmsllp.com	
Phone Number	Email	
Elizabeth Albertson Digitally signed by Elizabeth Albertson Date: 2020.03.30 12:31:01 -04'00'	Elizabeth Albertson	3/30/2020
Staff Signature	Please Print	Date

