

DEVELOPMENT PLAN REPORT

FILE #: 11-G-23-DP AGENDA ITEM #: 36 AGENDA DATE: 11/9/2023 APPLICANT: KNOX HOUSING PARTNERSHIP OWNER(S): Jackie Mayo Knox Housing Partnership TAX ID NUMBER: 78 072, 072.01, PT OF 073.06 View map on KGIS JURISDICTION: County Commission District 6 STREET ADDRESS: 6010 CLAYBERRY DR (6011 CLAYBERRY DR, 7000 WILLOW BEND WAY (part of)) LOCATION: East terminus of Clayberry Dr, north of Oak Ridge Way 4.99 acres APPX. SIZE OF TRACT: SECTOR PLAN: Northwest County GROWTH POLICY PLAN: Planned Growth Area ACCESSIBILITY: Access is via Willow Bend Way, a private road off of Oak Ridge Highway with a pavement width of 26 ft within a 55-ft right-of-way. Access for emergency vehicles only is provided via Clayberry Drive, a local road with a pavement width of 26 ft within a 50-ft right-of-way. UTILITIES: Water Source: West Knox Utility District Sewer Source: West Knox Utility District WATERSHED: Beaver Creek, Grassy Creek PR (Planned Residential) up to 12 du/ac ZONING: EXISTING LAND USE: **Multifamily residential** PROPOSED USE: 60-unit multifamily development (Phase III addition to Willow Place Senior Housing) DENSITY PROPOSED: 12 du/ac HISTORY OF ZONING: In 2023, the two northern parcels were rezoned from A to PR up to 12 du/ac (1-H-23-RZ). The southern parcel was rezoned from CB to PR up to 10 du/ac in 2002 (11-F-02-RZ) and from PR with 1-10 du/ac to PR up to du/ac in 2005 (2-K-05-RZ). SURROUNDING LAND Multifamily residential - PR (Planned Residential) up to 8 du/ac North: USE AND ZONING: Office - CB (Business and Manufacturing) South: Rural residential, commercial - A (Agricultural), CB (Business and East: Manufacturing) West: Single family residential, multifamily residential - RA (Low Density Residential), PR (Planned Residential) up to 12 du/ac NEIGHBORHOOD CONTEXT: This area consists of a mix of residential uses including single family, rural residential, multifamily, and a senior living facility. It is adjacent to a commercial corridor along Oak Ridge Highway.

STAFF RECOMMENDATION:

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Approve the development plan for 59-60 apartment units in phase III of the Willow Place Apartment complex, and the reduction of the peripheral setback from 35 ft to 20 ft on the southern boundary, subject to 6 conditions.

1. Meeting all applicable requirements of the Knox County Zoning Ordinance.

2. Provide gated emergency access along Clayberry Drive in accordance with the Knox County Fire Marshall and Knox County Engineering and Public Works.

3. Meeting all applicable requirements of the TN Department of Transportation for access to Oak Ridge Highway.

4. Meeting all requirements of Knox County Engineering and Public Works.

- 5. Provide a Type "B" landscape screen a minimum of 12 ft in width where adjacent to the RA and A zones.
- 6. The total number of units will be based on the surveyed acreage of the properties.

With the noted conditions, this plan meets the requirements for approval in the PR (Planned Residential) zone and the criteria for approval of a development plan review.

COMMENTS:

The applicant is proposing an additional 60-unit multi-family apartment complex in Phase III for the existing Willow Place Apartment development. The existing development is located at the intersection of Oak Ridge Highway and Willow Bend Way. The plans indicate the property is 4.9961 acres, which would only allow for 59 units. The development could have 60 units if the survey shows the acreage to be 5 acres or more.

The proposed driveway connection for the phase III of the Willow Place Apartments will tie into Willow Bend Way, and access to the site will enter/exit at the existing stop-controlled intersection of Oak Ridge Highway at Willow Bend Way.

DEVELOPMENT PLAN ANALYSIS PER ARTICLE 6, SECTION 6.50.06 (APPROVAL OR DENIAL) In the exercise of its administrative judgment, the Planning Commission shall determine if the proposed plan is in harmony with the general purpose and intent of the zoning ordinance and adopted plans.

1) THE PROPOSED USE IS CONSISTENT WITH THE ADOPTED PLANS AND POLICIES, INCLUDING THE GENERAL PLAN AND SECTOR PLAN.

A. Growth Plan Policy 10.11: Allow higher densities for planned developments that do not abut or face conventional suburban developments.

B. The proposed density is consistent with the Northwest County Sector Plan's MDR (Medium Density Residential) land use classification, which allows up to 12 du/ac.

2) THE USE IS IN HARMONY WITH THE GENERAL PURPOSE AND INTENT OF THE ZONING ORDINANCE.

A. The PR (Planned Residential) zone is intended to provide optional methods of residential land development. The property is zoned PR up to 12 du/ac and the density of the approved lots for all phases is 12 du/ac.

3) THE USE IS COMPATIBLE WITH THE CHARACTER OF THE NEIGHBORHOOD WHERE IT IS PROPOSED, AND WITH THE SIZE AND LOCATION OF BUILDINGS IN THE VICINITY.

A. The proposed apartment complex is consistent with previous phases of the Willow Place apartment complex and will be of similar materials and height. The proposed apartments are single-story, which is consistent with the adjacent subdivision. The access will only be through Willow Bend Way.

4) THE USE WILL NOT SIGNIFICANTLY INJURE THE VALUE OF ADJACENT PROPERTY. A. The proposed apartment buildings are an expansion of an existing use and therefore, are not expected to significantly impact the value of the adjacent property.

B. A Type "B" landscape screen with a minimum of 12 ft in width is to be installed on the site where it abuts the RA and A zones. This will visually screen the apartments from adjacent single family residences.

5) THE USE WILL NOT DRAW ADDITIONAL TRAFFIC THROUGH RESIDENTIAL AREAS.

A. Access is through the Willow Place Apartments as this is a continuation of that apartment development. Clayberry Drive will be limited to emergency vehicles only. A physical barrier will be constructed, and that will be worked out during permitting.

6) THE NATURE OF DEVELOPMENT IN THE SURROUNDING AREA IS NOT SUCH AS TO POSE A POTENTIAL HAZARD TO THE PROPOSED USE OR TO CREATE AN UNDESIRABLE ENVIRONMENT

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FOR THE PROPOSED USE.

A. There are no known uses in the area that could be a potential hazard or create an undesirable environment for the proposed use.

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

Schools affected by this proposal: Karns Elementary, Karns Middle, and Karns High.

• 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.

The Planning Commission's approval or denial of this development plan request is final, unless the action is appealed either to the Board of Zoning Appeals or to a court of competent jurisdiction within thirty (30) days of the decision being appealed (Knox County, Tennessee Code of Ordinances, Appendix A, Zoning, 6.50.08).





Exhibit A



September 25, 2023

Mr. Mike Conger Knoxville-Knox County Planning 400 Main Street, Suite 403 Knoxville, TN 37902

Re: Traffic Letter for Willow Place Apartments Phase III

Dear Mr. Conger:

Knox Housing Partnership dba HomeSource East Tennessee is proposing an additional 60 apartments units in Phase III for the existing Willow Place Apartment development. The existing development is located at the intersection of Oak Ridge Highway (SR 62) at Willow Bend Way in Knox County, Tennessee. The total area of development is approximately 4.9961 acres and the property is currently zoned PR (Planned Residential Zoning District). Construction is proposed to take place this year and this analysis assumes full build out for the development will occur in 2028.

The proposed driveway connection for the Willow Place Apartments Phase III will tie into Willow Bend Way and access to the site will enter/exit at the existing stop-controlled intersection of Oak Ridge Highway (SR 62) at Willow Bend Way. A copy of the site plan is included in the attachments.

The purpose of this report is to analyze the intersection of Oak Ridge Highway (SR 62) at Willow Bend Way including a turn lane warrant analysis in the form of a Transportation Impact Letter for the Willow Place Apartments Phase III residential development.

Existing Site Conditions

Oak Ridge Highway (SR 62) is a three-lane road with an existing two-way left turn lane at the intersection of Willow Bend Way. The road width is approximately 33 feet. Knoxville-Knox County Planning classifies Oak Ridge Highway (SR 62) between Pellissippi Parkway and the Anderson County Line as a Major Arterial with a 150 foot right-of-way per the Major Road Plan. The TDOT Functional Classification Map classifies Oak Ridge Highway (SR 62) as a Principal Arterial and a part of the National Highway System. The posted speed limit on Oak Ridge Highway (SR 62) is 55 mph.

Willow Bend Way is a two-way road with access to the ORNL Federal Credit Union and the existing Willow Place Apartments. The road width is approximately 26 feet at the intersection with Oak Ridge Highway (SR 62). Knoxville-Knox County Planning does not

Mr. Conger September 25, 2023 Page 2 of 4

classify Willow Bend Way; therefore, it is considered a local street per the Major Road Plan. The posted speed limit within the Willow Place Apartment development is 5 mph.

An aerial photo of the existing intersection of Oak Ridge Highway (SR 62) at Willow Bend Way is included in the attachments.

Traffic Volumes

Ardurra conducted a peak hour turning movement count at the intersection of Oak Ridge Highway (SR 62) at Willow Bend Way on Thursday September 14, 2023. The AM peak hour occurred between 7:15 a.m. and 8:15 a.m. with a peak hour factor (PHF) of 0.97 and the PM peak hour occurred between 5:00 p.m. and 6:00 p.m. with a peak hour factor (PHF) of 0.94.

Ardurra conducted a peak hour turning movement count at the intersection of Oak Ridge Highway (SR 62) at Willow Bend Way on Thursday September 14, 2023. During the AM peak hour 7:15 a.m. to 8:15 a.m. the traffic on Willow Bend Way north of the ORNL Federal Credit Union driveway was 3 vehicles exiting northbound and 2 vehicles entering southbound. During the PM peak hour 5:00 p.m. to 6:00 p.m. there were 5 vehicles entering northbound and 6 vehicles exiting southbound.

Figure 1: 2023 Existing Peak Hour Traffic and the traffic data collected are included in the attachments.

Background Growth

TDOT count station #47000262 is located on Oak Ridge Highway (SR 62) east of Willow Bend Way. The annual growth rate for this station over the last twenty years is approximately 0.09%. The 2022 ADT was 14,837 vehicles per day.

In order to calculate traffic for the background year 2028, Ardurra assumed an annual growth rate of 1.0%. Figure 2: 2028 Background Peak Hour Traffic, and the ADT trend line growth charts are included in the attachments.

Trip Generation

The Willow Place Apartments Phase III development proposes 60 apartments units. The Knoxville-Knox County Planning Commission published a memorandum ("Local Trip Generation Rates for Multi-Family Residential Uses", August 14, 2000) for the purpose of providing locally collected data for all multi-family residential developments. The fitted curve equations from the local study were used to calculate site trips for the Willow Place Apartments Phase III.

The land use worksheets are included in the attachments. A trip generation summary is shown below in Table 1 – Trip Generation Summary.

Table 1 - Trip Generation Summary Willow Place Apartments – Phase III

Land Use	Density	Daily Trips	AM Pe Enter	eak Hour Exit	PM Pe Enter	ak Hour Exit
Apartments (Local Trip Gen Study)	60 units	603	7	26	28	23

The total new trips generated by the Willow Place Apartments Phase III were estimated to be 603 daily trips. The estimated trips are 33 trips during the AM peak hour and 50 trips during the PM peak hour.

Trip Distribution

The existing trip distribution on Oak Ridge Highway (SR 62) at the intersection with Willow Bend Way Way is approximately 50% eastbound and 50% westbound during both the AM and PM peak hours.

The directional distribution of the trips generated by the Willow Place Apartments Phase III was determined using the existing traffic volumes at the intersection of Oak Ridge Highway (SR 62) at Willow Bend Way in combination with the concept plan layout. Ardurra assumed an entering trip distribution that is approximately 55% eastbound and 45% westbound and an exiting trip distribution that is approximately 30% eastbound and 70% westbound during both the AM and PM peak hours.

Figure 3: Peak Hour Apartment Distribution, Figure 4: Peak Hour Apartment Site Traffic, and Figure 5: 2028 Full Buildout Site Traffic are included in the attachments.

Turn Lane Warrant Knox County

The intersection of Oak Ridge Highway (SR 62) at Willow Bend Way was evaluated to determine if an eastbound left turn lane or a westbound right turn lane are warranted at the existing intersection. The Knox County Department of Engineering and Public Works handbook, "Access Control and Driveway Design Policy," was used to analyze the information.

Oak Ridge Highway (SR 62) at the existing intersection with Willow Bend Way is a threelane road with a two-way left turn lane.

At the intersection of Oak Ridge Highway (SR 62) at Willow Bend Way an eastbound left turn lane is warranted during the PM peak hour and a westbound right turn lane is not warranted during either the AM or PM peak hour after the full buildout of the Willow Place Apartments Phase III. The turn lane warrant worksheets and analysis are included in the attachments.

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Conclusion and Recommendations

Ardurra evaluated the right and left turn lane warrants at the existing intersection of Oak Ridge Highway (SR 62) at Willow Bend Way using the Knox County Department of Engineering and Public Works handbook, "Access Control and Driveway Design Policy."

A westbound right turn lane is not warranted during either the AM or PM peak hour. There are no recommended improvements to the existing intersection of Oak Ridge Highway (SR 62) at Willow Bend Way after the completion of the Willow Place Apartments Phase III residential development.

It should be noted based on the turning movement count collected that the existing westbound right turning traffic was highest during the hours of 12:00 p.m. to 1:00 p.m. and 3:00 p.m. to 4:00 p.m. which can be attributed to traffic entering the ORNL Federal Credit Union Bank.

I hope that this is helpful. Please contact me if you have any questions.

Thank you,



Enclosure: Attachments













Planning KNOXVILLE I KNOX COUNTY	Development Development Plan Planned Developme Use on Review / Spe Hillside Protection C	nt ecial Use	SUBDIVISIO Concept Final Pla	ÖN t Plan	T ZONING Plan Amendment SP OYP Rezoning
Knox Housing Partnership Applicant Name				Affiliation	
9-25-23	11-5-23		1	Amilation	
Date Filed	Meeting Date (if app	licable)			File Number(s)
CORRESPONDENCE All co	prrespondence related to this	application sh	ould be directe	d to the appro	oved contact listed below.
🔳 Applicant 🛛 Property Owner	Option Holder Pro	oject Surveyor	🗌 Engineer	Architec	t/Landscape Architect
Bronzie Harris		Knox H	lousing Partr	nership	
Name		Compan	γ		
109 Winona Street		Knoxvi	lle	TN	37917
Address		City		State	ZIP
865-637-1679	bharris@khp.org	:			
Phone	Email				
CURRENT PROPERTY INFO Knox Housing Partnership	109 Wino	na Street		ŀ	٢no
Property Owner Name (if different)		vner Address	the state of the s		Property Owner Phone
6010 and 6011 Clayberry Drive	0.04450004657.0640		078 072 & 0		& 078 07306 (part of)
- Construction of the construction of the second	ow Bend Way (p/o)		Parcel ID		
West Knox Utility	W	est Knox Util			
Sewer Provider		ter Provider			Septic (Y/N)
STAFF USE ONLY					
General Location				Tract Size	
□ City □ County District	Zoning District		Existing Land	d Use	
Planning Sector	Sector Plan Land Use	Classification		Growth Pc	licy Plan Designation

DEVELOPMENT REQUEST

🔳 Development Plan	Use on Review / Special Use	Hillside Protection COA	Related City Permit Number(s)
🗌 Residential	Non-Residential		
Home Occupation (spec	cify)		
Other (specify) Mult	i-Family Housing		

SUBDIVISION REQUEST

		Related Rezoning File Number
Proposed Subdivision Name		
Unit / Phase Number	otal Number of Lots Created	d
Other (specify)		
Attachments / Additional Requirements		
ZONING REQUEST		
Zoning Change Proposed Zoning		Pending Plat File Number
Plan Amendment Change Proposed Plan Designation(s)		
Proposed Density (units/acre) Previous Rezoning Reque	ests	
Other (specify)		
STAFF USE ONLY		
PLAT TYPE	Fee 1	Total
Staff Review Planning Commission		
ATTACHMENTS	Fee 2	
Property Owners / Option Holders Variance Request		
ADDITIONAL REQUIREMENTS Design Plan Certification (Final Plat)		
Use on Review / Special Use (Concept Plan)	Fee 3	
Traffic Impact Study		
COA Checklist (Hillside Protection)		and the first statement of the first statements by balance of the
AUTHORIZATION		

I declare under penalty of perjury the foregoing is true and correct:

U

Property Owner Signature

1) He/she/it is the owner of the property AND 2) The application and all associated materials are being submitted with his/her/its consent

Please Print

he is Amo	Knox Housing Partnership
Applicant Signature	Please Print
865-661-9547	bharris@khp.org
Phone Number	Email
(γ)	Jackie Mayo

Date Paid

9-25-23

Date

ing

Development Request

OPMENT

✓ Development Plan

Planned Development

□ Hillside Protection COA

🗌 Use on Review / Special Use

SUBDIVISION

Concept Plan
Final Plat

Plan AmendmentSector PlanOne Year Plan

🗌 Rezoning

ZONING

Knox Hous	sing Partnership			
Applicant N	Name		Affiliation	
10/2/2023	3	11/9/2023	11-G-23-DP	
Date Filed		Meeting Date (if applicable)	File Number(s)	
CORRES	SPONDENCE	All correspondence related to this application	ion should be directed to the approved contact listed below	W.
Bronzie Ha	arris Knox Housing	Partnership		
Name / Co	mpany			
109 Winor	na St Knoxville TN 3	7917		
Address				
865-637-1	679 / bharris@khp.	org		
Phone / En	nail			
CURREN	NT PROPERTY IN	FO		
Jackie May	yo Knox Housing Pa	rtnership 109 Winona St Knoxville TN 3	37917	
Owner Nar	me (if different)	Owner Address	Owner Phone / Email	
6010 CLAY	BERRY DR / 6011 C	LAYBERRY DR; 7000 WILLOW BEND WAY		
Property A	ddress			
0 78 072 ,	072.01,073.06 (par	t of)	4.9961 acres	
Parcel ID		Part	t of Parcel (Y/N)? Tract Size	
West Knox	k Utility District	West Knox Util	lity District	
Sewer Prov	vider	Water Provider	Septic	c (Y/N)
STAFF U	JSE ONLY			
East of Cla	yberry Dr, north of	Willow Bend Way		
General Lo				
City	Commission District	6 PR (Planned Residential)	Multi-family	
✓ County	District	Zoning District	Existing Land Use	
Northwest	t County I	MDR (Medium Density Residential), HDR (I	High Density R Planned Growth Area	
Planning So	ector S	Sector Plan Land Use Classification	Growth Policy Plan Designation	

	Jackie May	yo Knox Housing Pa	rtnership		10/2/2023
Phone / Email					
Applicant Signature	Please Prin				Date
I declare under penalty of perjury the all associated materials are being subn	nitted with his		sne/it is the owner of the	property, AND 2)	the application and 10/2/2023
	forogoing is to	up and parts 4) 11- /	aho lit ia tha annsas af tha	nronorty AND 3	the application and
AUTHORIZATION					
Use on Review / Special Use (Conce	pt Plan)				
 Site Plan (Development Request) Traffic Impact Study 					
Design Plan Certification (Final Plat)			Fee 3		
COA Checklist (Hillside Protection)					
ADDITIONAL REQUIREMENTS					
ATTACHMENTS	🗌 Varian	nce Request	Fee 2		
Staff Review Planning Cor	nmission		\$500.0	0	IUtai
PLAT TYPE			Fee 1		Total
STAFF USE ONLY					
Additional Information	-				
Proposed Density (units/acre) Previo	ous Zoning Re	quests			
Amendment Proposed Plan De	esignation(s)				
□ Plan					
Zoning Change Proposed Zoning					
				Pending	Plat File Number
ZONING REQUEST					
Attachments / Additional Requireme	ents				
Additional Information		1012			
Unit / Phase Number		Tota	I Number of Lots Create	ud	
Proposed Subdivision Name					
				Related Re	zoning File Number
SUBDIVSION REQUEST					
Other (specify) Multi-dwelling develo	opment				
Home Occupation (specify)					
 Development Plan Planned D Hillside Protection COA 	evelopment	Ose on Review Residential	Non-residential		y remit Namber(5)
	avalanmant		w/Special Lice	Related Cit	y Permit Number(s)
DEVELOPMENT REQUEST					

Property Owner Signature

Date



Sign Posting & Removal Requirement

Revised April 2021

The Administrative Rules and Procedures of the Knoxville-Knox County Planning Commission require a sign to be posted on the property for each application subject to consideration by the Planning Commission, including the following applications: rezoning, plan amendment, concept plan, use on review/special use, planned development, right-of-way closure, and name change.



The required public notice sign(s) will be provided by Planning to the applicant when an application is submitted. If an application is submitted electronically, Planning staff will post the required sign. If a replacement sign(s) is needed, the applicant is responsible for picking up the new sign(s) from Planning and will be charged \$10 for each replacement.

LOCATION AND VISIBILITY

The sign must be posted on the nearest adjacent/frontage street and in a location clearly visible to vehicles traveling in either direction. If the property has more than one street frontage, 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 **not less than 12 days prior to 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 not less than 12 days prior to the next Planning Commission meeting. The applicant is responsible for removing the sign after the application has been acted upon by the Planning Commission.

The individual below is responsible for posting and removing the sign(s) provided consistent with the above guidelines and between the dates of:

October 28, 2023	and	November 10, 2023
(applicant or staff to post sign)		(applicant to remove sign)
Applicant Name: Bronzie Harris		
Date: October 2, 2023		Sign posted by Staff
File Number: 11-G-23-DP		Sign posted by Applicant