

ARTICLE XI

OFF-STREET PARKING AND ACCESS CONTROL REGULATIONS

In all zones, off-street parking facilities for use by occupants, employees, and patrons of the building hereafter erected, altered, or extended, and all uses of the land after the effective date of this ordinance, shall be provided and maintained as herein prescribed. However, where a building permit has been issued prior to the date of adoption of this ordinance, and provided that construction has not begun within ninety (90) consecutive calendar days of such effective date, off-street parking facilities in the amounts required by this ordinance shall prevail.

SECTION 11.0 GENERAL REQUIREMENTS

- A. **COMPUTATION OF PARKING SPACES:** In determining the number of required off-street parking spaces, if such spaces result in fractional parts thereof, the number of said required spaces shall be construed to be the next highest whole number.
- B. **ADDITIONAL PARKING SPACES TO BE PROVIDED:** Whenever the intensity of use of any building, structure, or premises shall be increased through addition of dwelling units, gross floor area, seating capacity, change of use, or other units of measurement specified herein, additional parking spaces shall be provided in the amounts hereafter specified for that use, if the existing off-street parking area is inadequate to serve such increase in intensity of use.
- C. **LOCATION OF OFF-STREET PARKING FACILITIES**
 - 1. Off-street parking facilities shall be located as follows:
 - a. **Single-Family Residential Zones**
 - (1) Off-street parking may be permitted in driveways in the front, side, and rear yards of permitted uses in these zones, provided all requirements of this ordinance are met. Additionally, off-street parking located in the rear yard shall be set back a minimum of ten (10) feet from the rear lot line. No off-street parking area, for permitted uses, located in the front yard in a single-family residential zone, may exceed four hundred (400) square feet (two parking spaces) except, however, the zoning administrator may allow additional off-street parking spaces to be located thereon, provided that the additional parking spaces will not cause the ratio of

unpaved area to paved area (parking and driveway areas) in the front yard to be less than 3:1.

- (2) Off-street parking may be permitted in the side and rear yards of conditional uses in these zones, provided all requirements of this ordinance are met. Additionally, off-street parking, located in the rear yard, shall be set back a minimum of ten (10) feet from the rear lot line. Off-street parking may be permitted in the front yard, only if approved by the Board of Adjustment.

b. Multi-Family Residential Zones

- (1) Off-street parking may be permitted in the side and rear yards of permitted uses in these zones, provided all requirements of this ordinance are met. Additionally, off-street parking located in the rear yard shall be set back a minimum of ten (10) feet from the rear lot line. Off-street parking may be permitted in front yards, only if approved according to an approved development plan.
- (2) Off-street parking may be permitted in the side and rear yards of conditional uses in these zones, provided all requirements of this ordinance are met. Additionally, off-street parking, located in the rear yard, shall be set back a minimum of ten (10) feet from the rear lot line. Off-street parking may be permitted in the front yard, only if approved by the Board of Adjustment.

c. Special Development Zones - Off-street parking shall be located as designated on the approved development plan.

- (1) Within the Special Development Area (SDA) Zone, off-street parking facilities shall be located as follows:
 - (a) Except as herein provided, off-street parking facilities may be permitted to located within minimum required side and rear yards.
 - (b) A maximum of twenty-five (25) percent of the required off-street parking may be permitted to located within the front yard.

- (c) Off-street parking facilities shall be set back a minimum of five (5) feet from any street right-of-way line.
 - d. Commercial and Industrial Zones - Except as herein provided, off-street parking may be permitted in the front, side, and rear yards of these zones, provided that all off-street parking facilities shall be set back a minimum of five (5) feet from any street right-of-way line.
2. All off-street parking facilities shall be located on the same lot as the building served, except for the following:
- a. Permitted uses within multi-family and industrial zones may supply off-street parking within three hundred (300) feet from such lot served, upon approval of the zoning administrator, providing that such off-street parking facilities are unable to be provided on the same lot, or contiguous to the same lot, as the building being served. In addition, said off-street parking shall be located in the same zone as the use being served.
 - b. Existing single, two, or multi-family dwellings, which are permitted herein and occupy a lot of such size that off-street parking could not be provided on the same lot as the use being served, said off-street parking may be permitted to locate three hundred (300) feet from said dwelling or dwellings, upon approval of the Zoning Administrator. In addition, said off-street parking lot shall be located in the same zone as the use being served.
 - c. Off-street parking, as required for a conditional use, may be permitted to locate on a lot other than the lot which the building or use being served is located, when approved by the Board of Adjustment, provided that said off-street parking is located at the most convenient and visible area nearest to the use or building being served and available at all times without restrictions for said purposes, except as provided for under Section 11.0, E. of this ordinance.
 - d. Permitted uses in the SDA Zone may utilize off-street parking as is available within five hundred (500) feet of the use served. Public parking in this area may be used to fulfill off-street parking requirements. If off-street parking is not exclusively available for the permitted use, the owner or operator shall provide a study documenting that adequate off-street parking is available for the use, recognizing the specific peak hour and turnover characteristics

of the use in question and other users of the off-street parking facility.

- D. **COLLECTIVE PARKING PROVISION:** Collective off-street parking facilities may be provided, however, the area for such parking facilities shall not be less than would otherwise be individually required, except as provided for under Shared Parking Provision, Section 11.0, E. of this ordinance.
- E. **SHARED PARKING PROVISION:** When any land or building is under the same ownership, or upon submission of satisfactory guarantees of the continued operation and proper maintenance of the shared parking facility, and proposed development is for two (2) or more land uses, including residential uses, the number of required off-street parking spaces shall be computed by multiplying the minimum number of parking spaces normally required for each land use by the appropriate percentage, as shown in the following shared parking credit table, for each of the five (5) time periods. The number of required off-street parking spaces is then determined by adding the results in each column. The column total that generates the highest number of parking spaces becomes the minimum parking requirement.

TABLE 11-1
SHARED PARKING CREDIT TABLE

LAND USE TYPE	Weekday		Time Of Operation Weekend		Nighttime
	Daytime (6 am - 6 pm)	Evening (6 pm - midnight)	Daytime (6 am - 6 pm)	Evening (6 pm - midnight)	Midnight- 6 am)
Office/Industrial	100%	10%	10%	5%	5%
Retail/Personal Service	60%	90%	100%	70%	5%
Hotel/Motel	75%	100%	75%	100%	75%
Restaurant	50%	100%	100%	100%	10%
Indoor Theater/Commercial Recreational Establishment	40%	100%	80%	100%	10%
Residential	25%	100%	100%	100%	100%

1. The following requirements shall apply to any shared parking facility:
 - a. The shared parking facility must be located within five hundred (500) feet walking distance of the entrance of the establishment to be served. Said walkway access shall provide a safe means of pedestrian access to and from the establishment being served.

- b. Reserved spaces shall not be shared.
 - c. It shall be determined at the time of parking facility plan approval that shared parking is possible and appropriate at the location proposed. Particular attention is needed to assure that sufficient and convenient short-term parking will be available to commercial establishments during the weekday daytime period. The short-term shared parking spaces must be located in the most convenient and visible area of the parking facility nearest the establishment being served.
 - d. Any subsequent change in use shall require the issuance of a new zoning permit and proof that minimum parking requirements, per these regulations, will be met.
 - e. Shared parking may be utilized for other uses, which are not shown in the parking credit table. The applicant shall prepare a similar calculation for the proposed uses, indicating the estimated percentage of each time period, based upon current parking information. Documentation shall be submitted by the applicant to demonstrate that the normal and regular operating hours of the uses proposing a shared parking arrangement do not coincide or overlap in any manner.
- F. DRIVEWAYS NOT COMPUTED AS PART OF REQUIRED PARKING AREA: Entrances, exits, or driveways shall not be computed as any part of a required off-street parking area, except in the case of single-family residential zones, where access driveways may be used for parking.
- G. OFF-STREET PARKING SPACE TO BE USED FOR PARKING ONLY: Any vehicle parking space shall be used for parking only. Any other use of such space, including repair work or servicing of any kind, other than in an emergency, or the requirement of any payment for the use of such space, shall be deemed to constitute a separate commercial, use in violation of the provisions of this ordinance.
- H. NO BUILDING TO BE ERECTED IN OFF-STREET PARKING SPACE: No building of any kind shall be erected in any off-street parking area, except a parking garage containing parking spaces equal to the requirements set forth in this section of the ordinance or a shelter house/booth for a parking attendant, provided the number of required spaces are not reduced.
- I. PARKING PLAN APPROVAL REQUIRED: Plans for all off-street parking facilities, including parking garages, shall be submitted to the zoning

administrator for review and for compliance with the provisions of this ordinance and such other pertinent ordinances of the city. Such plans shall show the number of spaces and arrangements of parking aisles, location of access points onto adjacent streets, provisions for vehicular and pedestrian circulation, location of sidewalks and curbs on or adjacent to the property, utilities, location of shelters for parking attendant, locations of signs, typical cross-sections of pavement, including base and sub-base, proposed grade of parking lot, storm drainage facilities, location and type of lighting facilities, and such other information or plans as the circumstances may warrant. Where such parking plans include provisions for access points to adjacent streets, then said plans shall also be prepared in accordance with the requirements of Section 11.3 of this ordinance.

SECTION 11.1 DESIGN AND LAYOUT OF OFF-STREET PARKING AREAS

- A. **SIZE OF OFF-STREET PARKING SPACES:** For the purposes of this ordinance, one (1) off-street parking space shall be a minimum of ten (10) feet in width and twenty (20) feet in length, exclusive of access drives and aisles. Such parking spaces shall have a vertical clearance of at least seven (7) feet.
- B. **WIDTH OF ACCESS DRIVES**
 - 1. All off-street parking areas shall be laid out with the following minimum aisle or access drive widths:
 - a. Ninety (90) degree (perpendicular) parking - Twenty-four (24) feet (either one (1) or two (2) way circulation)
 - b. Sixty (60) degree (angle) parking - Eighteen (18) feet (one-way circulation only)
 - c. Forty-Five (45) degree (angle) parking - Thirteen (13) feet (one way circulation only)
 - d. Thirty (30) degree (angle) parking - Eleven (11) feet (one way circulation only)
 - e. Zero (0) degree (parallel) parking - Twelve (12) feet (one way circulation only)
 - 2. Except as herein provided, the minimum width of access drives or aisles, as provided for in Section 11.1, B., 1. of this ordinance, shall be required whether the access drive or aisle provides access to an off-street parking area or individual off-street parking spaces.

3. When any combination of these types of parking is used (facing the same aisle) the most restricted aisle or access drive width requirements shall prevail. In addition, a two (2) foot overhang may be permitted on the external sides of a parking area.
 4. If the width of the parking space is increased over nine (9) feet, the drive aisle width can be decreased proportionally (two (2) foot width in drive aisle per one (1) foot increase in space width) except that a drive aisle for two-way traffic may not be decreased below twenty (20) feet in width and a drive aisle for one-way traffic may not be decreased below eleven (11) feet in width.
- C. **ACCESS TO OFF-STREET PARKING SPACES:** Each required off-street parking space shall be connected with a deeded public right-of-way by means of aisles or access drives. The off-street parking area shall be so designed to ensure that all maneuvering into and out of each off-street parking space shall take place entirely within property lines of lots, garages, and/or storage areas.
- D. **OFF-STREET PARKING AREAS IN MULTI-FAMILY, COMMERCIAL, OR INDUSTRIAL ZONES:** All such off-street parking areas shall have a protective wall and/or bumper blocks around the perimeter of said off-street parking area and shall be so designed that all vehicles leaving the facility will be traveling forward to approaching traffic. All off-street parking areas shall be effectively screened on each side adjoining or fronting on any property situated in a zone permitting single-family residential dwellings, as regulated by Section 9.15 of this ordinance. Ground cover shrubs and trees shall be located and maintained so as to not interfere with vehicular and pedestrian traffic on the property or with sight distance clearance at entrances and exits.
- E. **LIGHTING:** Any lighting used to illuminate off-street parking areas shall not glare upon any right-of-way or adjacent property.
- F. **PAVING OF NEW OFF-STREET PARKING AREAS**
1. All new off-street parking areas shall be paved with asphalt concrete or Portland Cement concrete and shall be designed and constructed in accordance with requirements of Appendix A. Alternative hard surface paving systems, including decorative pavers, may be used, provided that the system and materials used will have the same or greater load bearing strength as asphalt concrete or cement concrete specified in Appendix A. The zoning administrator may, however, allow parking lots to be paved with gravel for a period of up to one (1) year to allow settling when such lot is constructed on a former building site, or when weather conditions prevent immediate paving with a hard surface. Under no circumstances

shall an off-street parking area be used for more than one (1) year without being paved in accordance with the above requirements.

2. In any residential zoning district, where the depth of the front yard is one hundred (100) feet or more, only the first one hundred (100) feet from the road of an access drive serving single-family residential uses shall be paved with asphalt concrete or portland cement concrete. Any subsequent subdivision of property, creating front yards of less than one hundred (100) feet in depth, shall require such drives to be paved with asphalt concrete or portland cement concrete.
 3. Flag Lots - The driveways of all flag lots shall be paved with asphalt concrete or portland cement concrete from the road to one hundred (100) feet beyond the rear property lot line of all residences in the front of the flag lot or back two hundred (200) feet beyond the rear of any residential structure, whichever is greater. The intent of this regulation is to protect residences from possible dust and debris from unpaved lengthy driveways to flag lots.
- G. Except as herein provided, no use of land, or construction thereon, which involves or is intended for the transaction of any business between the occupant of a motor vehicle and any employer, or other person or machine, at a designated location within a building, shall be permitted unless an area no less than eleven (11) feet wide and one hundred (100) feet long is paved and restricted to the use of motor vehicles waiting in line to approach the designated location at which such transactions may be conducted.

SECTION 11.2 SPECIFIC OFF-STREET PARKING REQUIREMENTS: The amount of required off-street parking for uses, buildings, or additions, and changes in intensity of uses thereto, shall be determined according to the following requirements, and the space, so required, shall be stated in the application for a zoning and building permit and shall be reserved for such use. Where more than one use is located in the same building, each individual use shall be in accordance with the off-street parking requirements of this section of the ordinance, except as provided for under Section 11.0, E. of this ordinance.

TYPES OF USES	REQUIRED NUMBER OF SPACES
A. Airport, railroad passenger stations and bus terminal	One (1) parking space for each four (4) seating accommodations for waiting passengers, plus one (1) parking space for each two (2) employees on shift of largest employment.
B. Automobile laundries	One (1) parking space for each employee, plus one (1) space per owner or manager, and reservoir space equal to five (5) times the capacity of the facility.
C. Service stations	One (1) parking space for each gas pump island, plus two (2) parking spaces for each working bay, plus one (1) parking space for each employee on shift of largest employment.
D. Beauty parlor and/or barber shops	Two (2) parking spaces per barber and/or beauty shop operator.
E. Bowling establishments	Five (5) parking spaces for each lane, plus one (1) parking space for each two (2) employees on shift of largest employment.
F. City and/or county government facilities	One (1) parking space for each two hundred (200) square feet of gross floor area.
G. Commercial or trade schools	One (1) parking space for each two (2) students, based on design capacity of the school, plus one (1) parking space for each employee.

TYPES OF USES	REQUIRED NUMBER OF SPACES
H. Congregate housing and orphanages	One (1) parking space for each two (2) beds, plus one (1) space for each two (2) employees or staff members, including nurses, on the shift of largest employment, plus one (1) parking space per doctor.
I. Dance halls, pool and billiard halls, and exhibition halls, without fixed seats	One (1) parking space for each one hundred (100) square feet of floor area used for dancing or assembly, or one (1) parking space for each four (4) persons, based on design capacity, whichever is greater, plus one (1) parking space for each two (2) employees on shift of largest employment.
J. Dormitories, fraternities, sorority houses	<p data-bbox="747 840 1427 1018">A. One (1) parking space per each resident capacity of the structure, plus one (1) parking space per owner or operator; plus one (1) parking space per employee.</p> <p data-bbox="747 1050 1427 1207">B. In addition to the parking required in (A) above, parking will be required for the non-resident membership of the organization, as follows:</p> <p data-bbox="747 1239 1427 1606">One (1) parking space for each fifty (50) square feet of the largest floor area used for assembly, social activity, or dining; or one (1) parking space for each one hundred (100) square feet of the total of all floor area used for assembly, social activity and dining; or one (1) space for each non-resident member anticipated in the fraternity membership; whichever is greater.</p>
K. Dwellings: One-Family Two-Family	<p data-bbox="747 1638 1427 1680">Two (2) parking spaces.</p> <p data-bbox="747 1680 1427 1822">Four (4) parking spaces, with individual access for each dwelling unit, or a joint access in which no parking is permitted on the access drive.</p>

TYPES OF USES	REQUIRED NUMBER OF SPACES
L. Dwellings: Multi-Family	Two (2) parking spaces for every dwelling unit.
M. Establishments for sale and consumption of alcoholic beverages, food, refreshments, or for take home food service	<p>One (1) parking space for each two (2) employees on shift of largest employment plus one parking space for each:</p> <ul style="list-style-type: none">A. Thirty (30) square feet of gross floor area in a drive-in facility;B. One hundred forty (140) square feet of gross floor area in a carry-out facility;C. Sixty-five (65) square feet of gross floor area in a combination facility;D. Three (3) seating accommodations, based on maximum seating capacity, in a sit-down facility.
N. Fire stations	One (1) parking space for each person on duty on largest shift.
O. Hospitals	One (1) parking space for each two (2) beds, plus one (1) parking space for each two (2) employees or staff members, including nurses, on shift of largest employment, plus one (1) parking space per doctor.
P. Laundromats	One (1) parking space for each two (2) washing machines plus one (1) parking space for each employee.
Q. Libraries, museums, and art galleries	One (1) parking space for each four (4) seats in rooms for public assembly or one (1) parking space for each fifty (50) square feet of gross floor area for use by the public, whichever is greater, plus one (1) parking space for each two (2) employees on shift of largest employment.

TYPES OF USES	REQUIRED NUMBER OF SPACES
R. Medical offices and/or clinics	Five (5) parking spaces for each practitioner, plus one (1) parking space per each two (2) employees, or one (1) parking space for each two hundred (200) square feet of gross floor area, plus one (1) parking space for each two (2) employees, whichever is greater.
S. Mortuaries or funeral homes	One (1) parking space for each four (4) seats in the main chapel or public assembly area, based on maximum seating capacity, plus one (1) parking space for each funeral vehicle and employee, or in the case of no fixed seats, one (1) parking space for each fifty (50) square feet of floor area in parlor or service rooms, or one (1) parking space for each four (4) persons, based on design capacity of the building, whichever is greater, plus one (1) parking space for each funeral vehicle and employee.
T. Offices for professional, business, financial, real estate, and business purposes, other than medical offices and/or clinics	Three (3) parking spaces per one thousand (1,000) square feet of gross leasable area. Provided that in the event there is sufficient information shown on the Stage II Development Plan, which evidences the availability to satisfy the required three (3) parking spaces per one thousand (1,000) square feet of gross leasable area, and shows or there is constructed the associated infrastructure necessary to support such three (3) parking spaces, then there may be constructed and built out not less than two (2) parking spaces for each one thousand (1,000) square feet of gross leasable area. The determination of when the remainder of the parking spaces must be constructed shall be at the discretion of the city's zoning administrator.

TYPES OF USES	REQUIRED NUMBER OF SPACES
U. Post offices	One (1) parking space for each four hundred (400) square feet of gross floor area, plus one (1) parking space for each two (2) employees on shift of largest employment.
V. Private clubs, boarding houses, and lodge halls	One (1) parking space for each guest sleeping room, or one (1) parking space for each four (4) fixed seats in the main assembly area, whichever is greater, plus one (1) parking space for each two (2) employees, or in the case of no fixed seats, one (1) parking space for each four (4) persons, based on design capacity of the building, plus one (1) parking space for each two (2) employees.
W. Retail and personal service stores	Four (4) parking spaces per one thousand (1,000) square feet of gross leasable area.
X. Schools - elementary, junior high, administrator and one (1) space parochial and nursery schools	One (1) parking space per teacher, and equivalent, private or employee, for each four (4) seats in the auditorium, stadium, and other places of assembly or facilities available to the public, based on maximum seating capacity, whichever is greater.
Y. Schools - senior high, trade and vocational, colleges and universities, and equivalent, private or parochial	Six (6) parking spaces for each room to be used for class instruction or administrative offices, or one (1) parking space for each four (4) seats in the auditorium, stadium, and other places of assembly or facilities available to the public, based on maximum seating capacity, whichever is greater.
Z. Schools, gymnastic	One (1) parking space per teacher, administrator, or employee, plus one (1) space for each three hundred fifty (350) square feet in the main gymnasium.

TYPES OF USES	REQUIRED NUMBER OF SPACES
AA. Shopping centers	Four (4) parking spaces per one thousand (1,000) square feet of gross leasable area.
BB. Stadium and sports arenas	One (1) parking space for each four (4) seats, based on maximum seating capacity, plus one (1) parking space for each two (2) employees on shift of largest employment.
CC. Theaters, auditoriums, churches, and places of assembly, with fixed seats	One (1) parking space for each four (4) seats, based on maximum seating capacity, plus one (1) parking space for each two (2) employees on shift of largest employment.
DD. Theaters, auditoriums, churches, and places of assembly, without fixed seats	One (1) parking space per four (4) people in designed capacity of the building, or one (1) parking space per one hundred (100) square feet in main auditorium or assembly area, whichever is greater, plus one (1) parking space for each two (2) employees on shift of largest employment.
EE. Tourist homes, cabins, motels or hotels, excluding areas used for meeting rooms and places of assembly	One (1) parking space for each sleeping room or suite, plus one (1) parking space for each two (2) employees on shift of largest employment.
FF. Industrial establishments, including manufacturing, research, and testing laboratories	Two (2) parking spaces for each three (3) employees - the total number of parking spaces being the total number of employees on any two (2) consecutive shifts having the largest number of employees, based on design capacity, plus one (1) parking space for each company vehicle operating from the premises.
GG. Wholesale establishments, warehouses, and storage buildings	One (1) parking space for each employee, plus one (1) parking space for each company vehicle operating from the premises.

TYPES OF USES

REQUIRED NUMBER OF SPACES

HH. All other uses not listed herein

Based on a study to be prepared by the owner or operator; number of spaces to be required determined according to:

- (a) type of use and estimated number of total trips generated during peak conditions (inbound and outbound);
- (b) estimated parking duration per vehicle trip (turn over rates;
- (c) based on estimated number of trips generated and average parking duration per trip, calculate number of spaces required
- (d) estimated number of employees - (one (1) parking space to be provided for each two (2) employees based on shift of maximum employment).

SECTION 11.3 ACCESS CONTROL REGULATIONS

- A. **PURPOSE:** In order to promote greater safety of passage between streets and land, improve the convenience and ease of movement of travelers on streets, permit reasonable speeds and economy of travel, and increase and protect the capacity of streets, the location and design of access points shall be in accordance with the following access control regulations. These regulations shall apply to all arterial and collector type streets, as identified in the adopted comprehensive plan.
- B. **PROVISION OF RESERVED TURNING LANES:** At those access points where vehicles turning to and from arterial and collector streets will substantially affect the roadway capacity, reserved turn lanes shall be constructed by the developer.
- C. **PROVISION OF FRONTAGE ROAD:** Where possible, provision for the construction of a frontage road shall be made. However, access to arterial or collector streets via an intersecting street or a common driveway shall be investigated if such a design is not reasonable.
- D. **COORDINATION OF ACCESS POINTS:** Access points on opposite sides of arterial and collector streets shall be located opposite each other, otherwise turning movement restrictions may be imposed by the planning commission, or its duly authorized representative, or the zoning administrator, whichever is applicable. In addition, in order to maximize the efficient utilization of access points, access drives shall be designed, located, and constructed in a manner to provide and make possible the coordination of access with, and between, adjacent properties developed (present or future) for similar uses. As a condition of approval for construction, use, or reuse of any access road, the zoning administrator may require that unobstructed and unencumbered access, in accordance with the provisions of this ordinance, be provided from any such access point to adjacent properties.
- E. **SPACING RESTRICTIONS FOR SIGNALIZED ACCESS POINTS:** Except when approved by the Kentucky Transportation Cabinet, access points which will warrant signalization shall be spaced a minimum distance of one quarter (1/4) mile apart. The exact location of the signal light shall be determined by a traffic engineering study which shall at least account for the following variables:
 - 1. Speed
 - 2. Traffic signal phasing
 - 3. Traffic signal cycle length
 - 4. Roadway geometrics
 - 5. Accident experience

Provision for all turning movements to maintain the design capacity of the roadway shall be required.

- F. SIGHT DISTANCE: The location of access points shall comply with safe sight distance requirements, as provided for in Tables 11-2A and 11-2B of this ordinance. The centerline of all access points shall intersect as nearly at a ninety (90) degree angle as possible, but in no case shall the angle of intersection be less than seventy-five (75) degrees or greater than one hundred five (105) degrees, unless approved by the planning commission, or its duly authorized representative, or the zoning administrator, whichever is applicable, due to certain exceptional conditions.

G. LOCATION OF UNSIGNALIZED ACCESS POINTS

1. Arterial Streets

- a. Unsignalized access points shall be spaced a minimum distance of six hundred (600) feet apart, measured from point of curb return to point of curb return. Turning restrictions and/or reserved lanes may be required.
- b. One (1) access point per tract will be permitted. However, if the spacing requirements for a direct access point onto an arterial street, as provided for in Section 11.3, G., 1., a. of this ordinance, cannot be met, then an access point may be located on a frontage road, on an intersecting local street, or share a common driveway that meets the spacing requirements. In order for the intersecting local street or frontage road to function properly, access onto them shall be controlled as follows:
 - (1) Access points onto local streets which intersect an arterial street shall be spaced a minimum distance of one hundred (100) feet, measured from point of curb return to point of curb return, from the arterial street.
 - (2) In areas zoned to permit commercial, industrial, or multi-family residential uses, access points from adjacent properties onto frontage roads, shall be spaced a minimum distance of one hundred (100) feet, measured from point of curb return to point of curb return, from intersections of the frontage road with local or collector streets.
- c. If a tract of land has no means of access that would meet the requirements of this section of the ordinance, one (1) access point shall be permitted. However, all such access points shall be considered temporary and may be terminated, reduced, limited to

certain turning movements, or caused to be relocated by the zoning administrator at such time as the particular use served by the access point changes and/or the property is otherwise provided an alternate means of access via a frontage road, an intersecting local street, or sharing of a common driveway. Provisions for the construction of a frontage road, restricted turning movements, or other improvements, may be required, as a condition to approval, in order to minimize the number of access points and congestion to the adjacent street. In all cases where said access points are classified as temporary, such designation shall be noted on the development plan or site plan submitted for a zoning permit and also upon the deed of the property in question.

2. Collector Streets

- a. On two-lane roadways, one (1) access point per tract will be allowed. Furthermore, the minimum spacing between adjacent access points on this type of facility shall be two hundred (200) feet, measured from point of curb return to point of curb return, except in the case where the street intersects another collector street or arterial street, then said access points shall be spaced a minimum of four hundred (400) feet, measured from point of curb return to point of curb return, from the intersection.
- b. On multi-lane roadways, the spacing is dependent on whether or not a barrier median exists (prohibiting left-turn movements). If a barrier median exists, access points may be spaced as close as two hundred (200) feet apart, measured from point of curb return to point of curb return. However, certain turning movements may be prohibited. If a barrier median does not exist, then the minimum spacing of access points shall be six hundred (600) feet apart, measured from point of curb return to point of curb return. However, certain turning movements may be prohibited.
- c. One (1) access point per tract will be permitted. However, if the spacing requirements for a direct access point onto a collector street, as provided for in Section 11.3, G., 2., a. of this ordinance, cannot be met, then an access point may be located on a frontage road, on an intersecting street, or share a common driveway that meets the spacing requirements.
- d. If a tract of land has no means of access that would meet the requirements of this section of the ordinance, one (1) access point shall be permitted. However, all such access points shall be considered temporary and may be terminated, reduced, limited to

certain turning movements, or caused to be relocated by the zoning administrator at such time as the particular use served by the access point changes and/or the property is otherwise provided an alternate means of access via a frontage road, an intersecting local street, or sharing of a common driveway. Provisions for the construction of a frontage road, restricted turning movements, or other improvements, may be required, as a condition to approval, in order to minimize the number of access points and congestion to the adjacent street. In all cases where said access points are classified as temporary, such designation shall be noted on the development plan or site plan submitted for a zoning permit and also upon the deed of the property in question.

H. WIDTH OF ACCESS POINTS

1. Except as herein provided, in single-family residential zones, no access point width shall be less than nine (9) feet nor more than twenty (20) feet. In all other zones, access points shall not be less than twelve (12) feet nor more than forty-eight (48) feet in width. The width shall be measured from the point of curb return to point of curb return, or edge of pavement if no curb exists, excluding the curb radius.
2. The zoning administrator may modify (enlarge or reduce) the width to provide for a more efficient and safe channelization and/or flow of traffic.

I. EXCEPTIONS TO ACCESS POINT REQUIREMENTS: Where situations develop that may require special treatment, the requirements as provided for in Section 11.3., B.-H. of this ordinance may be varied, provided that a traffic engineering report is prepared by a qualified traffic engineer, establishing that the special treatment will have no adverse effects on the roadway safety and capacity.

J. ACCESS POINT PROBLEM AREAS: If, after special study, it is determined that the type of use or activity proposed would have an adverse effect on the safety and capacity of the adjacent roadway, the access point spacing requirements, as contained in this section of the ordinance, may be increased in order to adequately solve the traffic movement.

K. APPROVAL OF ACCESS POINTS REQUIRED: Plans for all access points, and modifications thereto (including plans to use existing access points where a change of use for any tract of land would generate more traffic than the previous use, thus producing an adverse effect on the adjacent roadway), shall be submitted to the zoning administrator and the Planning Commission, or its duly authorized representative, at a scale not less than 1 inch = 100 feet. No action of approving or rejecting these plans by the zoning administrator shall be taken until

a review and recommendation of said plans has been made by the Planning Commission, or its duly authorized representative. Such plans shall show the location of all access points on the site in question, and access points on the same side of the street as the site in question within six hundred (600) feet in either direction. The proposed access point shall include typical cross-sections of pavement, the base and subbase, proposed grade, storm drainage, and such other information or plans as the circumstances may warrant. If such access points are being located in conjunction with off-street parking and/or loading and unloading facilities, then said plans shall also include off-street parking and off-street loading and/or unloading plans, in accordance with Sections 11.0 and 12.0 of this ordinance.

- L. APPROVAL OF ACCESS POINTS ALONG STATE MAINTAINED ROUTES BY KENTUCKY DEPARTMENT OF TRANSPORTATION: Plans for all access points to be constructed along a state maintained route shall be submitted to the Kentucky Department of Transportation for review and approval prior to the time as plans are submitted to the zoning administrator, as provided for in Section 11.3, K. of this ordinance. No access point plans shall be approved, or permits issued, for construction by the zoning administrator, until said access point plans have been approved by the Kentucky Department of Transportation.

TABLE 11-2A
SIGHT DISTANCE FOR VEHICLES EXITING FROM ACCESS POINTS ONTO ADJACENT ROADS
See Figure 11-1A

		20 MPH				30 MPH				40 MPH				50 MPH				60 MPH			
VEHICLE TYPE		2 LANE		4 LANE		2 LANE		4 LANE		2 LANE		4 LANE		2 LANE		4 LANE		2 LANE		4 LANE	
		DL	DR	DL	DR	DL	DR	DL	DR	DL	DR	DL	DR	DL	DR	DL	DR	DL	DR	DL	DR
Passenger Car	225	195	235	205	335	290	355	310	445	385	470	415	555	480	590	515	665	575	710	620	

TABLE 11-2B
LEFT TURN SIGHT DISTANCE FOR VEHICLES ENTERING ACCESS POINTS
See Figure 11-1B

	20 MPH			30 MPH			40 MPH			50 MPH			60 MPH		
VEHICLE TYPE	2	4	6	2	4	6	2	4	6	2	4	6	2	4	6
	LANE	LANE	LANE	LANE	LANE	LANE	LANE	LANE	LANE	LANE	LANE	LANE	LANE	LANE	LANE
Passenger Car	165	180	195	245	265	290	325	355	385	405	445	480	490	530	575

Notes:

Intersection controls shown are limited to left and right turns from a stop along a minor roadway and left turns from a stop along a major roadway only. The table values have been calculated and rounded for design based upon sight triangles using AASHTO - Geometric Design of Highways and Streets, 4th Edition, 2001. AASHTO formula for sight distance left (DL) or distance right (DR) = $1.47 \times$ design or prevailing regulatory speed (major road) \times time gap. Time gaps designated for passenger cars crossing lanes are as follows: 7.5 seconds for left turn from a stop (Table 6-2); 6.5 seconds for right turn from a stop (Table 6-2); and 5.5 seconds for left turn from a stop (Table 6-3). Time gaps are for a stopped vehicle turning left or right onto a two lane roadway with no median and grades of three (3) percent or less. Table values require adjustments as follows: for left turns onto or from multiple lane roadways with more than two (2) lanes, add 0.5 seconds for each additional lane to be crossed by the turning vehicle.

For minor roadways, if the approach grade ascends greater than three (3) percent, add 0.2 seconds for each percent grade for left turns and 0.1 seconds for right turns.

In applying the table, calculated values are for passenger cars. Where substantial volumes of heavy vehicles enter these roadways, the use of other time gap values for single unit and combination trucks must be considered. These values are published in the AASHTO Design Standards.

FIGURE 11-1A

SIGHT DISTANCE FOR VEHICLES EXITING FROM ACCESS POINTS
refer to Table 11-2A

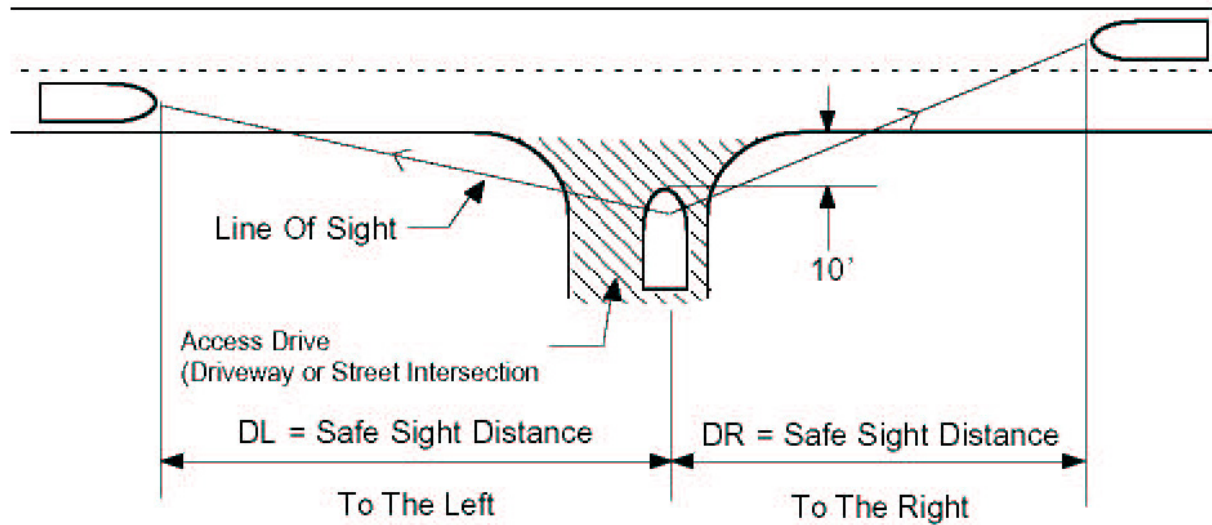


FIGURE 11-1B

LEFT TURN SIGHT DISTANCE FOR VEHICLES ENTERING ACCESS POINTS
refer to Table 11-2B

