

**QUEUE LENGTHS AND DRIVE THRU LANES**

A. DRIVE THRU LANES ALLOW CUSTOMERS TO DO BUSINESS WITHOUT LEAVING THEIR VEHICLES. PROPER QUEUE LENGTHS FOR DRIVE UP WINDOWS ARE AN IMPORTANT PART OF PLAN OF DEVELOPMENT. THE PARKING LOTS SHALL BE DESIGNED TO PROVIDE THE MINIMUM QUEUE LENGTHS OUTLINED IN TABLE 1 WITHOUT BLOCKING ACCESS POINTS, DUMPSTER ENCLOSURES, CROSSWALKS, OR PARKING STALLS. BELOW ARE THE MINIMUM QUEUE LENGTHS FOR DIFFERENT TYPES OF DEVELOPMENTS.

B. ALL QUEUE LENGTHS SHALL BE MEASURED FROM THE CENTER OF THE LAST WINDOW FOR THE DRIVE THRU SERVICE. FOR CAR WASHES, THE LENGTH SHALL BE MEASURED FROM THE STOP LINE PRIOR TO THE CAR WASH BUILDING. FOR ATMS, AND ACCESS BOXES, THE LENGTH SHALL BE MEASURED FROM THE ACTUAL ATM OR ACCESS BOX. THE QUEUE LENGTHS CAN BE DIVIDED AMONG MULTIPLE DRIVE THRU LANES.

C. DRIVE THRU LANES SHALL HAVE A MINIMUM WIDTH OF 10 FEET. IN ADDITION, A BYPASS LANE WITH A MINIMUM WIDTH OF 12’ SHALL BE PROVIDED TO ALLOW MOTORISTS AN OPPORTUNITY TO EXIT THE DRIVE THRU LANE AND RE-ENTER THE PARKING LOT.

**STACKING LANES**

A STACKING LANE SHOULD HAVE:

- A. HAVE A MINIMUM WIDTH OF 10’.
- B. HAVE NO OBSTRUCTIONS BY INTERSECTING TRAFFIC, ABUTTING PARKING, OR LOADING SPACES.
- C. NOT BE LOCATED WITHIN A FRONT OR EXTERIOR SIDE YARD.
- D. MINIMIZE CURVE AND TURNING MOVEMENTS;
- E. BE DEFINED BY RAISED CURBS AND A 4’ WIDE LANDSCAPE ISLAND WHERE ADJACENT TO PARKING AND A 10’ WIDE LANDSCAPE ISLAND WHERE ADJACENT TO DRIVE WAYS.

**SETBACKS**

A. THE LAST REQUIRED STACKED VEHICLE SPACE SHOULD BE A MINIMUM OF 50’ FROM THE MIDPOINT OF ANY DRIVEWAY OR ACCESS AT THE PROPERTY LINE MEASURED ALONG THE DRIVEWAY AND/OR AISLE CENTRE LINE USING THE SHORTEST VEHICULAR ROUTE.

**NOISE**

A. WHERE STACKING LANES REQUIRE NOISE MITIGATION, NOISE BARRIERS ADJACENT TO A RESIDENTIAL ZONE SHOULD BE MAXIMUM HEIGHT OF 8’ TO MINIMIZE THE VISUAL IMPACT.

**TRAFFIC CONTROL DEVICE NOTES**

A. ALL TRAFFIC CONTROL DEVICES SHALL BE PER THE LATEST REVISION OF THE OHIO DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND APPROVED BY THE CITY BEFORE INSTALLATION.

B. ALL SIGN POSTS SHALL BE STANDARD STEEL POST UNLESS OTHERWISE APPROVED BY THE CITY.

C. PAVEMENT MARKING PER O MUTCD AND SHALL BE CLEAR AND CONCISE.

**TABLE 1**

QUEUE LENGTHS			
100’	150’	250’	300’
PHARMACY	STAND ALONE ATM	DRIVE THRU RESTAURANT	STAND ALONE CAR WASH
CAR WASH AT A GAS STATION	DRY CLEANERS	COFFEE SHOP	DRIVE THRU OIL CHANGE FACILITY
CALL BOX/ACCESS BOX (GATED COMMUNITY, MINI-STORAGE, ETC.)	STAND ALONE ICE CREAM SHOP	DONUT SHOP	
	GROCERY STORE PICK UP	BANKS	



**SITE DESIGN - QUEUE LENGTHS AND DRIVE THRU LANES**

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PAGE No. 500-7