# City of Dallas

# PARKING AMENDMENT

#### Zoning Ordinance Advisory Committee (ZOAC) July 15, 2021

Lori Levy, AICP, Senior Planner Sustainable Development and Construction – Current Planning City of Dallas

#### Background



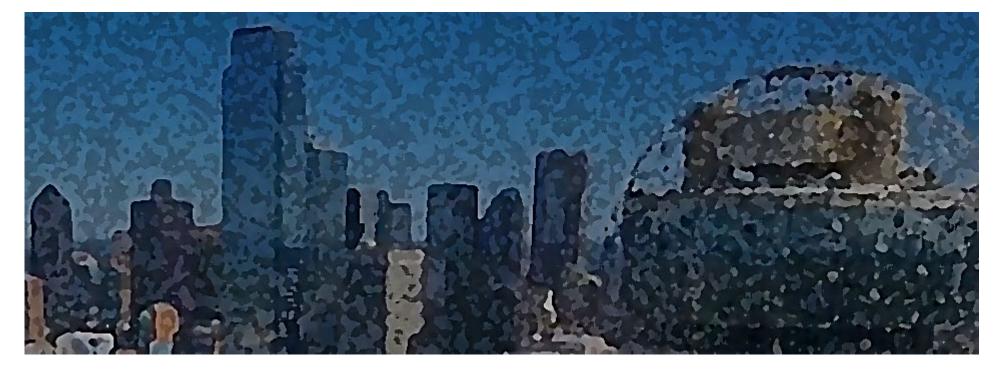
#### ZOAC Briefings To Date:

- The City's current parking requirements
- Other cities parking requirements
- Local and national parking studies
- Citywide plans and goals
- Parking discussions held with other city departments, NCTCOG, and DART, Neighborhood leaders, Industry leaders and Professional Organizations
- Case studies
- Public Input
- Proposal Framework Options
- Parking Ratios Table
- Parking Ratios Table and Regulations Options
- Parking Management Tools
- Testing
- Management Mechanisms
- Discussion with City Manager and DART
- Additional Testing
- Public Forums
- Discussion After Public Forums
- Design Standards Proposal Framework Options
- Design Standards Proposal Options

Plan Commission authorized a public hearing on 9/5/2019 to consider amending Chapters 51 and 51A of the Dallas Development Code for off-street parking and loading requirements not limited to hotel, restaurant, multifamily, and alcoholic beverage establishment uses, and transit-oriented development

#### **Design Standards**





The proposed parking amendment design standards are intended to reflect the recommended actions and implementation measures for the Dallas Parking Code Amendment, as set forth in the city-wide plans in an effort for Dallas to achieve those goals.



Photo: https://dallaswestend.org/ (artistic effects added)



#### Design Standards Based on Complete Streets Typology

In an effort, to align the parking amendment with our city-wide plans, and provide transparency, predictability, and consistency, we are proposing to use the Complete Streets Vision Map as the framework.



#### Environmental







Photos: (Left to Right) Deep Ellum, Bioretention – Courtesy of Katy Evans, OEQ City of Dallas; Wetland Shelf and Mueller Pond – Courtesy of Susan Alvarez, OEQ, City of Dallas

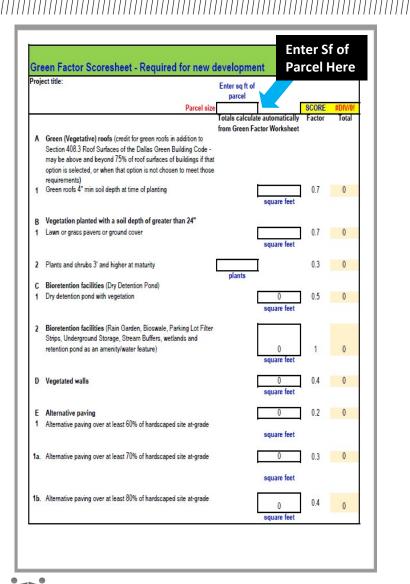
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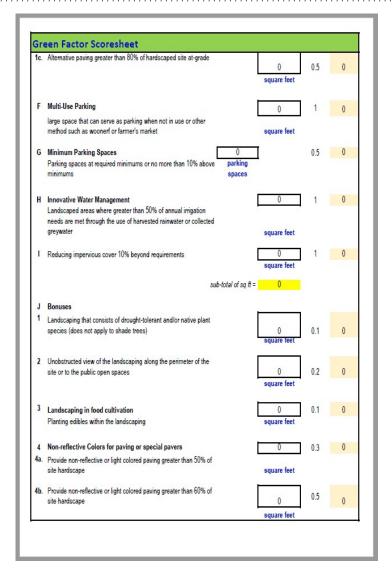


ent or tet with priority site is street."
The str el of lot or
Pology Residential o new oment. hest le to the ad the "p
ies to velop high cent
Mixed Use Appli redet the adjac
col - The University Times; (Bottom) 80% Impervious Coverage   Examples of Standard(s)  age
II – <u>Green Walls to Adom Business Sch</u> aines, Planning and Urban Design     Proposed Standard(s)     Green Factor/Impervious Cover     1. A green factor score, of .30     2. Impervious Coverage Maximum of 80%
Maximum Drawing – Don Ri Intent/Purpose Reduce Storm Water Runoff Reduce the Heat Island Effect Manage resources (water conservation) Protect property values and the natural habitat while increasing the effectiveness and functional utility

#### **Creen Factor Scoresheet**







#### **Creen Factor Scoresheet**



C.	Provide non-reflective or light colored paving greater than 70% of		-		
	site hardscape		0 square feet	0.8	0
4d.	Provide non-reflective or light colored paving greater than $80\%$ of site hardscape		0 square feet	1	0
5	Design Option 8 - Landscape Medians (Article X)	0	I	0.3	0
	16' wide landscaped median with large or medium trees extending length of minimum 12 space parking row	landscape islands	•		
6	Design Option 10 - Parking Lots (Article X)	0	I		0
6a.	Provide pedestrian path in an expanded landscaped area median with trees and a walkway in a landscaped area	landscape islands		0.3	
6b.	Reduce distance between parking lot landscape islands	0	T		0
	Provide no more than 10 parking spaces between landscaped areas	landscape islands	-	0.3	
6c.	Increase size of parking lot landscape islands	0	200	0.3	0
	Increase the size of parking lot landscape islands to a minimum of 200 square feet for each large or medium tree	landscape islands	-		
6d.	Increase landscape area of parking lot landscape islands	0	300	0.5	0
	Increase landscape area of parking lot landscape islands to a minimum of 300 square feet for each large or medium tree	landscape islands			
6e.	Additional Parking Lot Landscape Islands over requirements	0	Ι	0.3	0
	Provide additional parking lot landscape islands above requirements	landscape islands			
6f.	Landscape Medians	0	I	0.2	0
	Provide minimum 10' wide landscape medians extending the	islands			
6g.	Landscape Medians Provide minimum 12' wide landscape medians extending the	0 landscape	I	0.6	0
	length of a minimum 12 space parking row	islands			
6h.	Landscape Medians	0	I	0.8	0
	Provide minimum 16' wide landscape medians extending the length of a minimum 12 space parking row	landscape islands			
<b>6i</b> .	Large Nursery Stock Trees in Parking Areas (Shade Trees)	0	I	0.1	0
	Provide large nursery stock trees per Approved Tree List per Article X	trees	ł		

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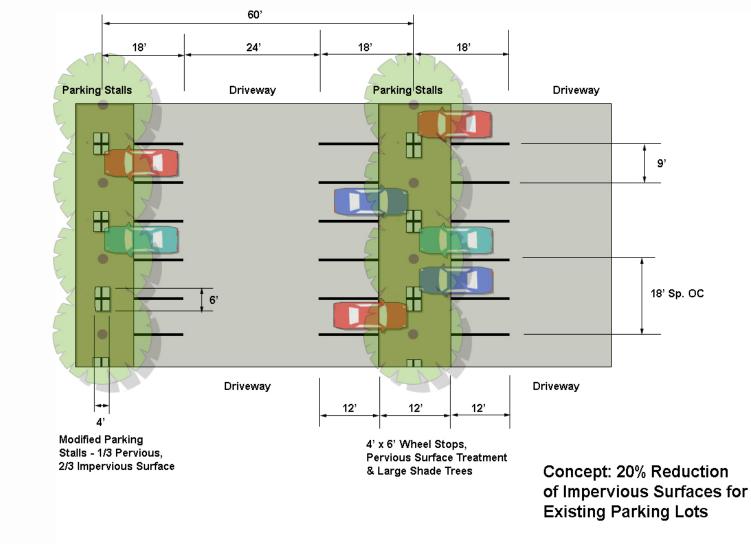
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7	Preserved Trees in a Parking Lot	0		0.8	0
	Tree canopy for preservation of existing trees with trunks 6"+ DBH (Diameter at Breast Height, 4.5' above the ground) - calculated at	trees		0.0	U
	20 sq ft per inch diameter per Article X				
8	Transplanting a Tree To a Parking Lot	0	I	1	0
	Transplant a tree per Article X	trees			
9	Add Trees to Existing Medians		0	1	0
	Add trees a minimum of 3" caliper per the City Arborist to existing		square feet		
10	Surface Parking Lots	s	I	0.8	0
	Add trees within 70' of a parking space in a parking lot with less than 21 spaces per Approved Tree List	No. of Trees			
11	Add Electric Vehicle Stations (EVSE)	0	Ι	1	0
	Add Electric Vehicle Stations (EVSE) to parking facilities	No. of EVSE	Č.		
11a.	Electrical service and electrical vehicle charging stations capable of L2 charging (208/240v)	0	I	0.7	0
	of L2 charging (200/2400)	No. of EVSE	l		U
11b.	Electrical service and electrical vehicle charging stations capable		I	1	
	of DCFC (Direct Current Fast Charger - greater than 240v)	0			0
		No. of EVSE			
	Reduced Impervious Cover				
12a.	Reduce impervious cover of surface parking lot(s) greater than 40%		0	0.5	0
			square feet		
12b.	Reduce impervious cover of surface parking lot(s) greater than		0	0.8	0
			square feet		
12c.	Reduce impervious cover of surface parking lot(s) by 100%		0 square feet	1	0
* Do	not count public rights-of-way in parcel size calculation.		Green Factor nu	merator	
			=		0

#### Environmental



2. ImperviousCoverageMaximum of 80%.



Drawing: 20% reduction of Impervious Surfaces for Parking Lots – Don Raines, Planning and Urban Design, City of Dallas

#### Environmentol

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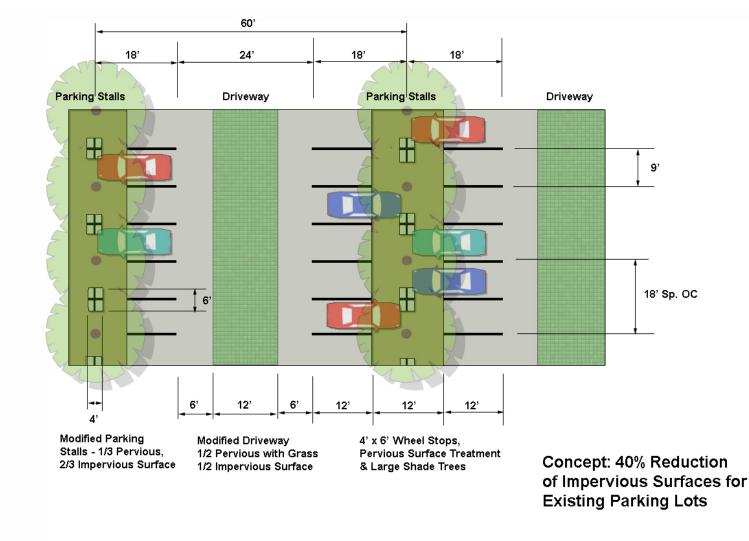


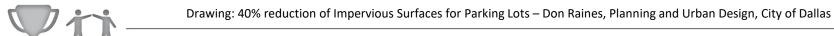
Impervious Coverage Innovative Water Mana	gement (Greywater)		Str		polog	y		
	ment (Greywater) - SECTION	Don Raines, Planning and Urban Design; (Bottom) 2 - LANDSCAPE   Environmental Criteria Manual	Mixed Use	Commercial	Residential	Industrial	Other	Failway
Intent/Purpose	Proposed Standard(s)	Examples of Standard(s)	red the adja	evelop high acent	onew ment. est let to the d the "	*The evel of e lot	of pr or si	t wi
<ul> <li>Reduce Storm Water Runoff</li> <li>Reduce the Heat Island Effect</li> <li>Manage resources (water conservation)</li> <li>Protect property values and the natural habitat while increasing the effectiveness and functional utility</li> </ul>	3. Impervious Coverage/Inn 3. Impervious Coverage Maximum of 60%	ovative Water Management (Greywater)						
	<ol> <li>A minimum of 50% of the total stormwater runoff must be diverted to required landscaping</li> </ol>	Disconnected Downspouts	•	•	•	•	•	

#### Environmental



Impervious
 Coverage
 Maximum of 60%.





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Detention and Retention	heat island effect, the City; and particularly, the most vul n Basins n in side yard, City of Plano; (Bottom) Detention basin w		Stre Mixed Use	et Ty Commercial	pology Residential	Industrial	Other	Parkway
Intent/Purpose	Proposed Standard(s)	Examples of Urban Form Standards	or l whice	evelop	new ment i g is p tention	n whi provide	ch pa ed an	rkin d i
The detention and	Detention and Retention Basins					-		
retention basin design standards are intended to provide for the functional utility while promoting stormwater facilities in a natural state that is compatible with the site and the surrounding	Location. 1. Stormwater facilities as stated below may be located within the front, side, or rear yards, between building and street or adjacent to public streets: ✓ Amenity per the Detention/Retention Design Guidelines; ✓ Rain gardens, bioswales, or other green infrastructure		•	•	•	•	•	
neighborhood with designs that enhance development within the City of Dallas.	<ul> <li>Design.</li> <li>2. Min. 6' walking path and at least one (1) of the following every 300' linear feet:</li> <li>✓ Seating or benches with at least one (1) trash receptacle</li> <li>✓ Pedestrian Lighting designed to reflect character and other amenities of the development</li> <li>✓ Information markers or plaques</li> </ul>		•	•	•	•	•	,

#### Environmental



Detention and Retentio	heat island effect, the City; and particularly, the most vul n Basins		Stre	et Typ	polog	y		
Photos: (Top) Safety Wetlar Public Images (Bing)	nd Shelf – Courtesy of Susan Alvarez, Office of Environmental	Quality, City of Dallas; (Bottom) Retention basin with fencing –	Mixed Use	Commercial	Residential	Industrial	Other	Parkway
Intent/Purpose	Proposed Standard(s)	Examples of Urban Form Standards	rede or k whic	velop	menti g is p ention	develo in which provide or re	sh pa ed an	rking nd in
<ul> <li>The detention and retention basin design</li> </ul>	Safety.	2005 U.D.	•	•	•	٠	•	•
standards are intended to provide for the functional utility while promoting stormwater facilities in a natural state that is compatible with the site and the surrounding	(a) Satety Bench (b) Aquatic Bench							
neighborhood with designs that enhance development within the City of Dallas.	Fencing. 4. Max. ht. of 6' may be installed		•	•	•	•	•	•

## **Uroon Form**

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Access and Connectivity This section focuses on the urban desi	on concepts that connect indivi	dual parking facilities and help knit them together into the fabric of the	Stre		polog	y 		
community.		al – courtesy of David Nevarez, Sustainable Development and Construction,	Mixed Use	Commercial	Residential	ndustrial	Other	rainway
Intent/Purpose	Proposed Standard(s)	Examples of Urban Form Standards	rede the adja	evelop high acent	ment. est l to th	devel *The evel e lot princi	of p or si	t wi riori ite
Ensure that:	Sidewalks		8	3	18	13		2
<ul> <li>parking facilities relate appropriately to surrounding developments and streets and create a cohesive visual identity and attractive street scene;</li> <li>parking facilities promote efficient pedestrian, bicycle and vehicle circulation patterns;</li> <li>high-quality street and sidewalk environment that is supportive of pedestrian, bicycle, and transit mobility and appropriate to the roadway context.</li> <li>parking facilities relate appropriately to their roadway context, allowing for easy pedestrian access to parking facilities and providing well- defined edges to the roadway environment.</li> </ul>	<ol> <li>Min. width of sidewalks shall be as shown in Figure 4.46 Pedestrian Zone Widths of the Dallas Street Design Manual, as amended</li> <li>Provide sidewalks that link with existing sidewalks on adjoining properties.</li> <li>✓ Provide connections from the street level sidewalk to parking facilities and to any DART bus stops and stations, open space, plaza, river or other public amenity at cross streets, and bridges and other designated access points.</li> </ol>	<text></text>	•	•	•	•	•	



1. Minimum width of sidewalks shall be as shown in Figure 4.46 Pedestrian Zone Widths of the Dallas Street Design Manual, as amended

Figure 4.46 F	Pedestrian	Zone Width				15				\$	*			
	Front: Zon			lk Clear ne	Wi		Adjace	ent to	Adjac	cent to	Ci	ırb		tal
	Min	Pref	Min	Pref	Stree Min	t Tree Pref	On-street Min	t Parking Pref	Trave Min	el Lane Pref	Min	Pref	Pedestr	ian Zone Pref
Mixed-Use	-	3'	6'	6'	6'	8'	2'	6'	5'	8'	67	2'	8'6"	19'
Commercial	-	3'	5'	6'	6'	10'	2'	6'	5'	10'	67	2'	7'6"	20'
Residential	-	-	4'	5'	6'	10'	2'	T	5'	10'	6"	2'	7'6"	17'
Industrial	-	-	4'	5'	6'	10'	2'	T	5'	T'	6"	2'	7'6"	17'
Parkways	-	-	4'	5'	6'	20'			5'	20'	6"	2'	7'6"	27'
Noonerf	-	-	Shared	Shared	Shared	Shared	Shared	Shared	Shared	Shared	-	-	- 1	-
Alleys											67	2'		_

It is recommended to have at least 5 feet of sidewalk clear width to accommodate two people walking side by side or allow two wheel chairs to pass each other. In maintaining the minimum sidewalk clear width, the landscaping should not intrude into the sidewalk space. TIF or PID district requirements may differ from the above table.

## Uroon Form

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Access and Connectivity			Stre	et Ty	polog	у		
community. Photos: (Top Left) Pedestr (Top Right) Sandia Nation	ian connections through parking lots – <u>Photo</u> al Laboratories, Pedestrian and Traffic Safe sights/insight_posts/view/60/five-ways-to-improv	dual parking facilities and help knit them together into the fabric of the <u>2.1.9.1 Pedestrian Walkway across Parking Lots. (gaates.org);</u> ty in Parking Lots at SNL/NM – <u>e-the-common-parking-lot</u> ; (Bottom) No curb cut on primary street –	Mixed Use	Commercial	Residential	Industrial	Other	
Intent/Purpose	Proposed Standard(s)	Examples of Urban Form Standards	rede the adja	high high	ment. est le to the	devel *The evel of princip	street of pr or si	t w nio te
insure that:	Pedestrian Pathways/Curb Cuts							_
<ul> <li>parking facilities promote efficient pedestrian, bicycle and vehicle circulation patterns;</li> <li>high-quality street and sidewalk environment</li> </ul>	<ol> <li>Pedestrian access must be provided, including parking facilities.</li> <li>✓ Pedestrian pathways shall be provided through surface parking such that no parking space may be located any further than 120 linear feet to a pedestrian pathway.</li> </ol>		•	•	•	•	•	
that is supportive of pedestrian, bicycle, and transit mobility and appropriate to the roadway context.	<ol> <li>Curb cuts shall not be located on primary streets unless an alternative access point is impractical. "Primary Streets" means streets where a building with a main entrance is fronting.</li> </ol>		•	•	•		•	

#### Uroqn Form

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3. Pedestrian access must be provided, including for parking facilities.



Photos: (Left) https://gaates.org/DOPS/p\_2\_1\_9n1.php\_(Right) Public Images (Google)

#### **Uroan Form**



3. Pedestrian access must be provided, including for parking facilities.





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utomobile Access and P			Stre	et Typ	pology		8 8	
ommunity. hotos: (Top) Rear entry town	-	lual parking facilities and help knit them together into the fabric of the mes - Dallas, TX   Apartments.com; Co-located driveway for duplex and 039522e7f14fea10f.jpg	Mixed Use	Commercial	Residential	Industrial	Other	Pankway
ntent/Purpose	Proposed Standard(s)	Examples of Urban Form Standards	rede the adja	highe	new ment. est let to the	*The evel e lot	of pr or sit	wit iorit te i
Automobile circulation	Alleys							
should be efficient, and conflicts with pedestrians minimized. Entry points for automobiles should be clearly defined and connections to auto circulation on adjoining properties are encouraged to facilitate	<ol> <li>Direct access to the street through a curb cut shall not be allowed where an alley serves a single- and two- family dwelling or multiple-family dwelling.</li> </ol>		•	•	•		•	
access and reduce traffic on abutting public streets. In general, the number of curb cuts shall be minimized to prioritize	<ol> <li>Garages opening on street-facing facades of single-family attached uses, where allowed, must be co- located.</li> <li>Attached garages must be recessed a minimum of 5' from the front</li> </ol>		•	•	•		•	

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Automobile Access and Parking.			Stree	et Typo	logy			
community.	•	ng facilities and help knit them together into the fabric of the of Arlington; (Bottom) One row of parking with a drive aisle on	Mixed Use	Commercial	Residential	Industrial	Other	,
Intent/Purpose	Proposed Standard(s)	Examples of Urban Form Standards	redev the adjac	ies to velopme highes cent to idered t	ent. t le the	*The s vel o lot o	street of pri or site	w or e
Creating more walkable and	Surface Parking as an Accessory U	se						
<ul> <li>pedestrian-friendly urban form and/or other active uses that contribute to the public realm, as points of interest that encourage creative place making <u>activation</u>;</li> <li>Exercising a reasonable degree of control over site development and location of off-street parking and other automobile-oriented <u>uses</u>;</li> <li>Protecting the area and its periphery from proliferation of parking lots and</li> </ul>	Location of Surface Parking. 1. No parking shall be allowed between a building and any public street.		•	•				
<ul> <li>Inform promeration of parking lots and other automobile-oriented <u>uses;</u></li> <li>Improving the visual and urban design relationships between existing and future buildings, parking garages, open spaces, and public improvements</li> </ul>	<ol> <li>One row of parking and a drive aisle may be permitted between a building and a public street for no more than 25% of street frontage.</li> </ol>				•		•	



		cilities and help knit them together into the fabric of the o s, open space and plazas, natural areas, and other buildi		inity.	These	concep	pts incl	ude
Automobile Access and Parking.	s non parking radiates to shoets and rots	, open apace and places, natural areas, and other build		et Typ	ology			-
community.	ndow on side not along primary street-facing fa	cilities and help knit them together into the fabric of the çade, Jack in the Box, City of Arlington; (Bottom) Berm	Mixed Use	Commercial	Residential	Industrial	Other	Parkway
Intent/Purpose I	Proposed Standard(s)	Examples of Urban Form Standards	rede the adjac	velopn highe cent t	ment. est le to the	*The evel of ot of	opment street v of pric or site al street	with prity is
Creating more walkable and \$	Surface Parking as an Accessory Use							
<ul> <li>pedestrian-friendly urban form and/or other active uses that contribute to the public realm, as points of interest that encourage creative place making activation;</li> <li>Exercising a reasonable degree of control over site development and location of off-street parking and other automobile-oriented uses;</li> <li>Protecting the area and its periphery from proliferation of parking lots and</li> </ul>	<ul> <li>Additional Location for Parking and Drive Aisles - Drive-through and Drive-in Facilities.</li> <li>3. Drive-through aisles with stacking, order placement or pick-up or window service or similar drive-through and drive-in service, where allowed, are not permitted to be located along the side of a building that faces a primary street-facing facade.</li> </ul>		•	•	•		•	
<ul> <li>other automobile-oriented uses;</li> <li>Improving the visual and urban design relationships between existing and future buildings, parking garages, open spaces, and public improvements</li> </ul>	<ul> <li>All off-street parking spaces on a lot along street frontages, must be screened from direct view of public streets, and public spaces.</li> <li>✓ The street facing façade of a structure;</li> <li>✓ Garage Doors;</li> <li>✓ earthen berm planted with turf grass or ground cover.</li> <li>✓ evergreen plant materials</li> </ul>		•	•				



the basic arrangement of pedestrian Automobile Access and Parking. This section focuses on the urban de community. Photo: (Top) Dumpster screened on thre screening of utility cabinet – <u>https://i.pinin</u>	esign concepts that connect individual parking facilities and access from parking facilities to streets and lots, open s esign concepts that connect individual parking facilities and esides complimentary to building with metal gate, Panda Expression mg.com/originals/96/2a/2b/962a2bcde86473770a842ca0c0a7cor Proposed Standard(s)	pace and plazas, natural areas, and other build nd help knit them together into the fabric of the ress, City of Arlington; (Bottom): Solid evergreen	Stre Mixed Use	et Typ Commercial	ology Residential	0.9012014	Other	Falkway
			rede the adja	velopr highe cent	ment. est l to the	*The evel e lot principa	street of p or si	t wi rior ite
Creating more walkable and	Surface Parking as an Accessory Use							
<ul> <li>pedestrian-friendly urban form and/or other active uses that contribute to the public realm, as points of interest that encourage creative place making activation;</li> <li>Exercising a reasonable degree of control over site development and location of off-street parking and other automobile-oriented</li> </ul>	<ul> <li>Parking/Loading and Building Services Additional Standards.</li> <li>Dumpster or trash facilities that are not incorporated into the building design, shall be screened on 3 sides by a minimum 8' solid enclosure consistent with the principal building on a site.</li> <li>Dumpsters or trash facilities shall be screened with solid gates a minimum of 1' above the height of the dumpster or trash facility where the dumpster or trash facilities will be accessed for trash removal and maintenance.</li> </ul>		•	•	•		•	
<ul> <li>Uses:</li> <li>Protecting the area and its periphery from proliferation of parking lots and other automobile-oriented uses;</li> <li>Improving the visual and urban design relationships between existing and future buildings, parking garages, open spaces, and public improvements.</li> </ul>	<ul> <li>8. Utility Cabinets that are not incorporated into the building design, and are required due to utility service to be within front or side yards or adjacent to public streets, pedestrian access or residential, shall be screened on 3 sides by:</li> <li>✓ solid evergreen, landscaping a minimum of 1' in height above the utility <u>cabinet;</u></li> <li>✓ The fourth side may be either painted to be compatible with building or blend into background or artwork reflective of district or <u>blockface</u>.</li> </ul>		•	•	•		•	



Automobile Access and Parking.		pen space and plazas, natural areas, and other build	Street Typology				
community. Photo: (Top) Parking garage with at least 7	0 percent frontage with active uses – <u>Six-story structu</u>	ties and help knit them together into the fabric of the <u>re combines a parking garage with street-level retail  </u> <u>A Fresh Flavor for the Texas Doughnut   Build a Better</u>	Mixed Use	Commercial	<b>Residential</b>	Industrial	Parkway Other
Intent/Purpose	Proposed Standard(s)	Examples of Urban Form Standards	rede the adja	higher cent	ment. est le to the	*The vel o	opment or street with of priority or site is Istreet."
Creating more walkable and	Structured Parking						
<ul> <li>pedestrian-friendly urban form and/o other active uses that contribute to the public realm, as points of interes that encourage creative place making activation;</li> <li>Exercising a reasonable degree o control over site development and location of off-street parking and other automobile-oriented uses;</li> <li>Protecting the area and its peripher.</li> </ul>	1. Maximum frontage of any parking structures must be 70 percent unless there are active ground floor uses, such as retail, commercial, office, residential, institutional, public, or civic uses.		•				
<ul> <li>from proliferation of parking lots and other automobile-oriented uses;</li> <li>Improving the visual and urbar design relationships between existing and future buildings, parking garages, open spaces, and public improvements</li> </ul>	<ol> <li>Blank façade limits apply to the area of the façade between 0 feet and 10 feet above the sidewalk.</li> <li>Any portion of a façade that is not</li> </ol>		•	•	•		•





#### Contact and further information

Project webpage: Bit.ly/CityOfDallasParking

#### CURRENT PLANNING HOME

ACCESSORY DWELLING UNITS

AUTHORIZED HEARINGS

BOARDS AND COMMISSIONS

CODE AMENDMENTS

CONSERVATION DISTRICTS

#### **Current Planning - Code Amendments**

#### Parking Code Amendment (DCA190-002)

The intent of the Parking Code Amendment is to review current parking regulations and based on research, best practices, and parking codes of other cities, to determine needed amendments to the City Code.

If you are interested in receiving emails and updates, please signup online by clicking here.

Contact us:

- Andreea Udrea, PhD, AICP
- Andreea.udrea@dallascityhall.com
- Lori Levy, AICP
- Lori.levy@dallascityhall.com



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