

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION**



d. Public Space Regulation Division

PUBLIC SPACE COMMITTEE HEARING

1100 4th Street SW, 2nd Floor

Monday, October 15, 2018 at 1:00 pm

Agenda

Special Roundtable on Small Cell Technology Guidelines

Order of Presentation to the Committee:

- Department of Transportation, DDOT (10 minutes)
- Other District Agencies (10 minutes per speaker)
 - Historic Preservation, HP
 - National Capitol Planning Commission, NCPC
 - Commission of Fine Arts, CFA
 - Office of the Chief Technology Officer, OCTO
 - Office of Planning, OP
- MLA Holders (7 minutes per speaker)
 - CTIA
 - AT & T
 - Crown Castle
 - Mobilitie
 - Verizon
- ANC's (5 minutes per speaker)
- General Public - Testimony (3 minutes per speaker)
 - Richard Hinds
 - Emily Glassman
 - Theodora Scarato

**Government of the District of Columbia
Department of Transportation**



PUBLIC SPACE COMMITTEE MEETING
SMALL CELL GUIDELINES
MONDAY, OCTOBER 15, 2018

NAME	AFFILIATION (ex. Small cell Provider, Government Agency, ANC, Public, etc.)	PHONE NUMBER	EMAIL ADDRESS	JOIN OUR PSC EMAIL LIST? (YES/NO)
Daniel Maxwell	Digitalc	202-725-5346	daniel.maxwell@gmail.com	no
Jennifer McClellan	Verizon	202-804-7722 7722	jennifer.l.mcclellan@verizon.com	Y
Anne Prockett	DC HPO	2442-8842	anne.prockett@dc.gov	N
Carly Biddens	COUNCASTE	7032172873	carly.biddens@councaste.com	Y
Erin Waitz	Mobilicity	312-858-0200	erwaitz@mobility.com	Y
Dennis Ferrer	Councilmen McDuffie	202-826-2832	dfeppes@dcouncil.us	Y
Charles Bren	DCDC	107332-1870	scstien@gmail.com	
Erika Whollington	DC Chamber of Commerce	202/624-0613	ewhollington@dcchamber.org	Y

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Edward Dingo	DEPSC	202 622 9192	eddingo@depdc.org	YES
Mike Racopie	Timobius	703 906 4445	Micheel.Racopie@Timobius.com	YES
Mario Asta-Velez	Verizon	202-515-2580	mario.asta-velez@verizon.com	Yes
Terrance Myers	Crown Castle	301 846 8516	terrance.myers@crown-castle.com	Yes
Theodora Seavels	Theodora Seavels	301-477-2471		
Kyara O'Dell	Mobilitie	571-319-6388	kyara@mobilitie.com	Yes
Kelley Carter	DC Council - US	202-412-0118	KelleyCarter@dcouncil.us	yes
Stephen Buko	Kerbo	404 431 0101	Stephen@kerbo.ai	No

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Robert Branson	Verizon	202 515-2532	Robert.Branson@verizon.com	Yes
Adam Shapiro	ASPR	202 427 3603	Adam.Shapiro@aspr.biz	yes
Chadler Val	self	202-436-5880	FVALANOS@gmail.com	yes
Joe Astor	Verizon	202-326-9988	joseph.astor@verizon.com	
Georg Rattle	Crown Castle		george.RATTLE@CrownCastle.com	

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David Clow	BCTD	715-3823	dav.d.clow@dc.gov	No
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Tim Wilcox	ARCZE	202-309-3111	2506@ang.dc.gov	✓
B. Santoro	CAET		emsantoro28@gmail.com	No
A. Bullock	Green Grass Alliance	802-342-3645	5052 R St	No
Brenda Moorman	Georgetown Sparta Cab	202 333-5424	brendamoorman@aol.com	Yes
Byran Cline	ATA+	804-869-5837	ByranCline@jstabs.com	No
Diana Miller	NARC	702-462-7244	diana@narc.gov	✓

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Jack Burbidge	OCTO	202-715-7536	jackburbidge@dc.gov	
Cynthia Pols	RCCA	202-338-0654	polsch@gmail.com	NO
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Betsy Gansel	LHA	808-374-3531	betsygansel@aol.com	YES
Van Piper	ATT	410 8184459	jpiper292@att.com	
Joe Gibbons	AT&T	202-136-2239		
Jeff Jarvis	Verizon	410-294-6820	jarvis@nbc.com	Yes
Nick Shuckford	ATT	202 765 5589	nshuckford@nbc.com	Yes

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Joseph Catherin	Capitol Infrastructure Public	757-536-2629	j.catherin@capitol-Infrastructure.com	No
Stephen A. Hansen	C/D/O	202 355-4563	stephen.hansen1@gmail.com	No
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Dem Fox	CF A	202-504-2200	dfox@cfu-sev	Yes
SARAH BATTORRE	CF A	202 704 2200	sbat@delanorodo.gov	yes
Gus Vester	DC Resident	202 439 9843	GusVester@hotmail.com	Yes

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Z Furell	Camille & 100	202 544-0118	Dorrie Egbert.com	Y
Susan Brian	DCE	202 372-1570	scoblein@mail.com	
Brian Stevens	USU	301-572-2959	Brian.Stevens@usu.com	
Karin Scherhorn	NUPC	202-482-7248	karin@nupc.gov	Y
Sharon Whitte	PHSE			
Sharon Whitte	Publicis	301 554-5916		
Nicole Quiraga	SMHCC	301 4375221	nquiraga@gwhcc.org	✓

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LINDA GREENMAN	PERCO	202-872-3321	linda.greenman@perco.com	N
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Rich HINDS	CAF	202-965037	rhinds@cafh.com	
Marysia Candors	Crown Castle	202/246-5155	candors@crowncastle.com	
Rebecca Medans	AMT-Theatre	202-234-7174	rebecca@ymca/theatre.org	

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T. Colperper	Pepco	202-872-2211	tc@pepco.com	Yes
JD Parus	Zero 5 G	415-235-9187	director@zero5g.com	Yes
H. Enkamit	Public	202-497-2499	enkamit.biz@gmail.com	Yes
Lucky Barhoni	EDM	202-590-9269	FRIGOLARYBARHONI@comcast.net	Yes
M. ENKAMIT				

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Jessica Sanders	CASEY TREES	2023491905	jsanders@caseytrees.org	Yes
Bob Kozon	GENERAL PUBLIC	202-543-2137	bob.kozon@verizon.net	Yes
Latara Harris	APT	2024573829	latara.harris@att.c	No
James MacLean	SEPT	202-667-9587	Take me To The Mountain msn1.com	Yes



Draft Small Cell Guidelines

1.

October 15, 2018

Public Space Committee Presentation

Presentation Overview

- **Background**
- **Purpose of Guidelines**
- **General Guidelines**

Background

- **DDOT recognizes the unique nature of D.C. as the nation's capital**
- **Overview of small cell technology**
 - Increased capacity needed on cellular networks
 - Small cell technology to be installed in closer proximity to users on the ground
 - Small cell technology includes antennas and related power equipment and cabinets
 - Small cell technology is being installed in cities across the country as well as abroad

Background

- Guidelines have been drafted with input from a variety of stakeholders:
 - District Department of Transportation (DDOT)
 - Office of Planning (OP)
 - Historic Preservation Office (HPO)
 - Staff of the U.S. Commission of Fine Arts (CFA)
 - Staff of the National Capital Planning Commission (NCPC)
- Guidelines are also informed through the review of information guidelines of other cities such as Denver, Boston, Dublin, OH, and Lincoln, NE and information shared by small cell providers.
- Guidelines are a supplement to local and federal policies and regulations including, but not limited to:
 - District of Columbia Code, DC Municipal Regulations, DDOOT Manual on Uniform Traffic Control Devices, DDOT Design and Engineering Manual, The Comprehensive Plan for the National Capital, Shipstead-Luce Act, and the National Historic Preservation Act.

Purpose of Guidelines

- Set forth requirements and specifications for the placement and design of small cell infrastructure within the District's public right-of-way (ROW).
- Intend to fit the functional needs of cellular infrastructure necessary to provide adequate coverage while also protecting the character and function of the capital city's public space with the goals of:
 - Avoiding impact on the most important view-sheds and vistas within the L'Enfant Plan
 - Minimizing the impact on the character of designated historic districts and landmarks
 - Protecting access and circulation to public open spaces
 - Minimizing visual and physical clutter within the streetscape

Purpose of Guidelines

- **Guidelines generally address**
 - **Appearance**
 - **Color**
 - **Height**
 - **Equipment and antenna placement**
 - **Pole type**
 - **Location**
 - **Historic areas**
 - **Existing infrastructure vs. new infrastructure**
 - **Placement**
 - **Placement within the streetscape**
 - **Frequency along the block**

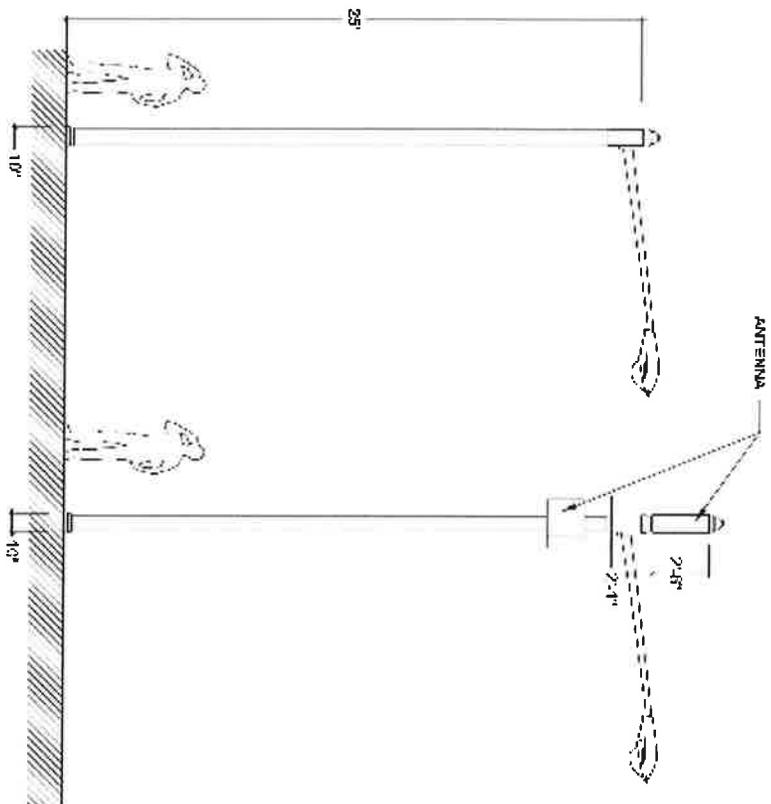
General Guidelines

Permissible Installation Types and Locations

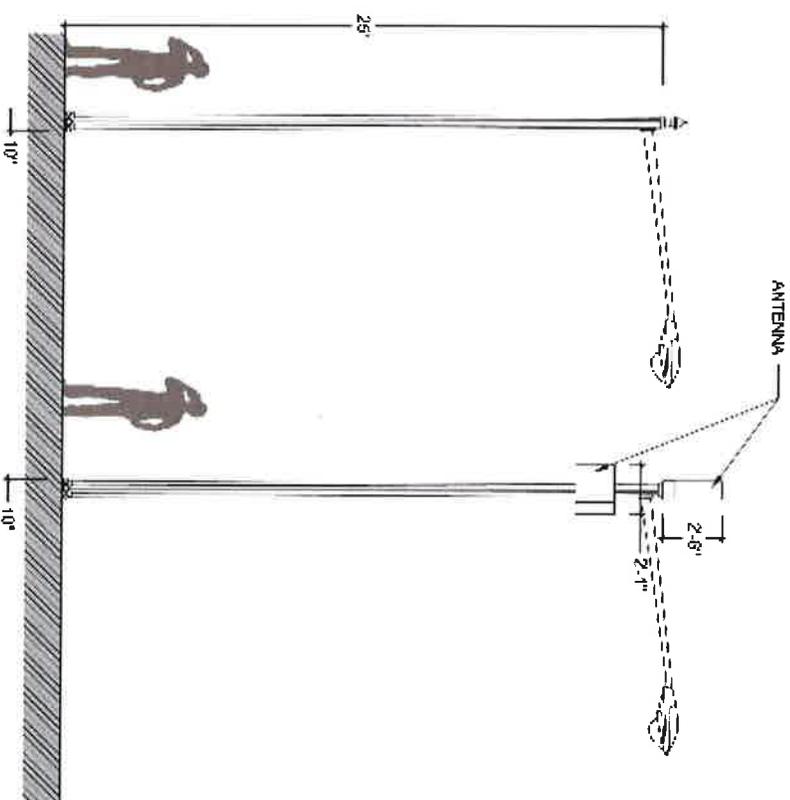
Pole Ownership	Pole Type	Cabinetry	Monumental Core (L'Enfant Plan, Shipstead Luce Act and Old Georgetown)	Historic Districts	District other than MC/HD
District	Existing 5A Poles	Depends on location	Ok, w/ underground vault only		Ok, attach cabinetry to pole
District	Existing Wood Poles	Depends on location	Ok, w/ underground vault only		Ok, attach cabinetry to pole
District	Existing Pendant Poles with cobraheads	Below grade vaults ¹	Ok, w/ underground vault only		
Carrier	New Standalone Poles: Pendant Pole or Washington Pole	Below grade vaults	Ok, w/ underground vault only		
3 rd Party	Existing Utility Pole	Attach to pole	Un-framed alley only, attach cabinetry to pole	Ok, attach cabinetry to pole	Ok, attach cabinetry to pole

General Guidelines

Permissible Installation Types: Existing DDOT Streetlights



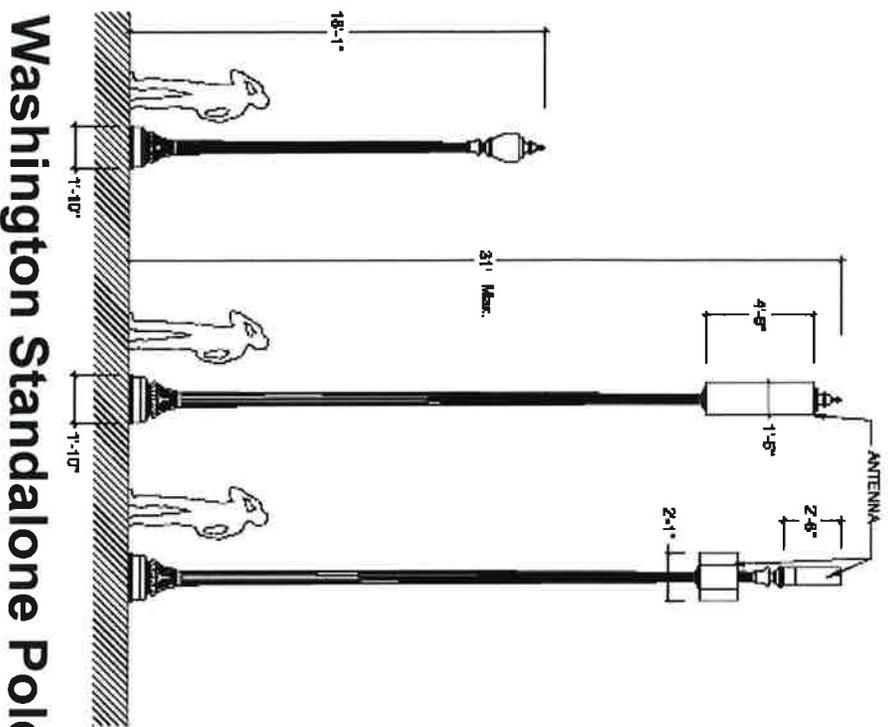
DDOT 5A Pole



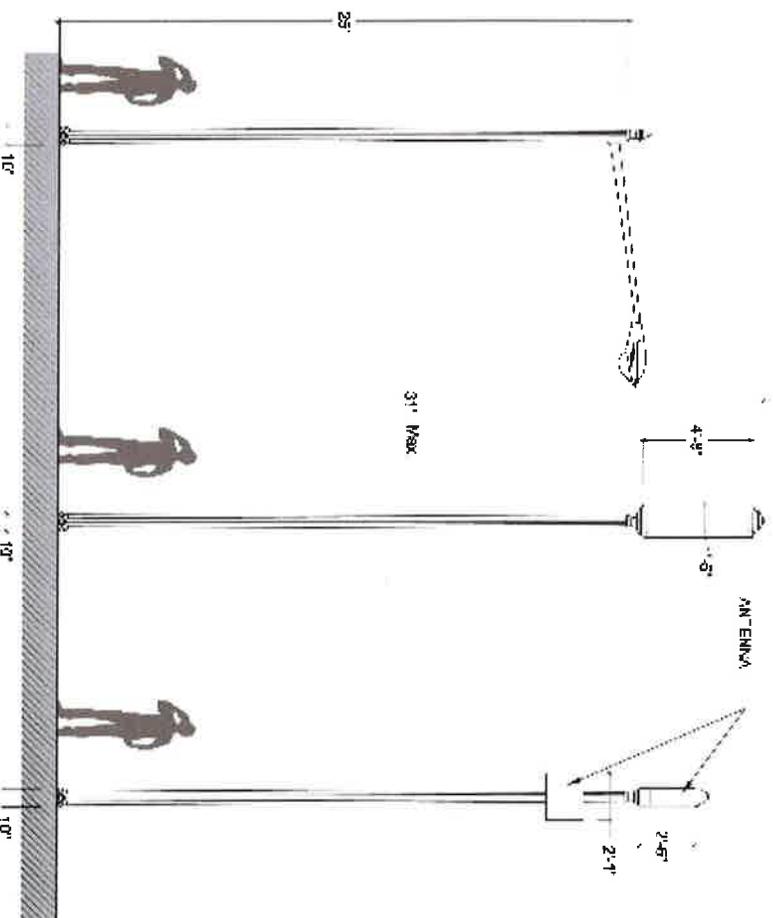
**DDOT Pendant Pole
w/cobra head**

General Guidelines

Permissible Installation Types: New Standalone Poles



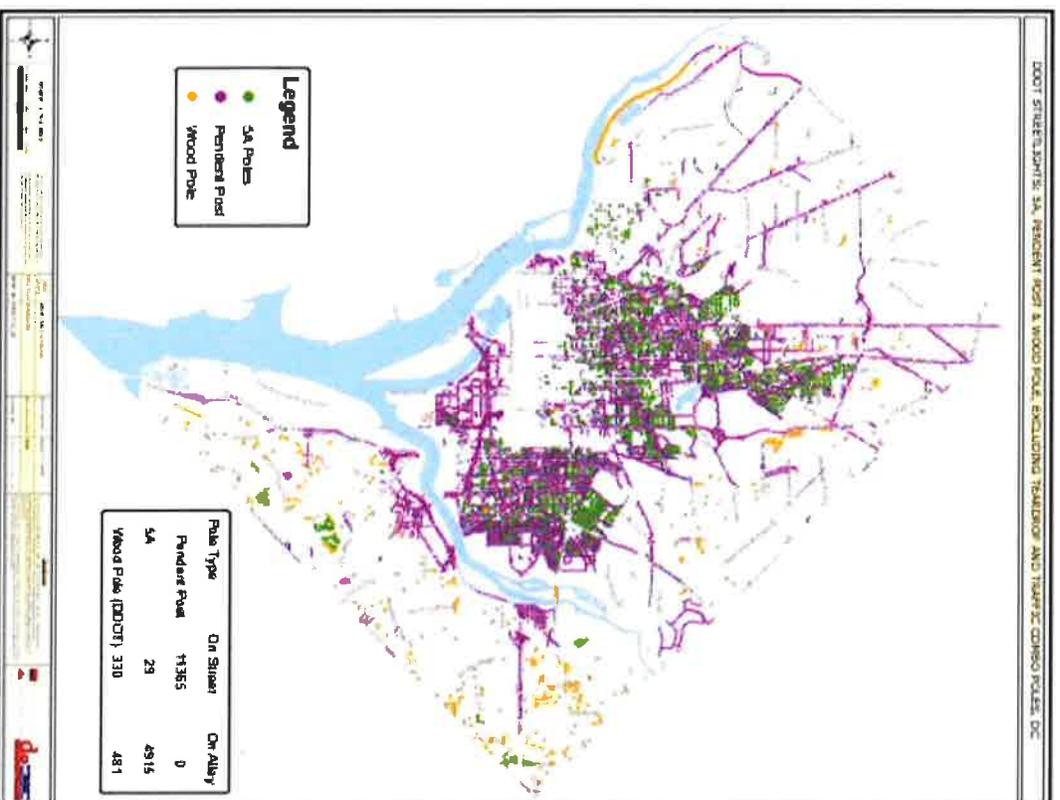
Washington Standalone Pole



Pendant Pole Standalone

General Guidelines

Pole Types and Locations



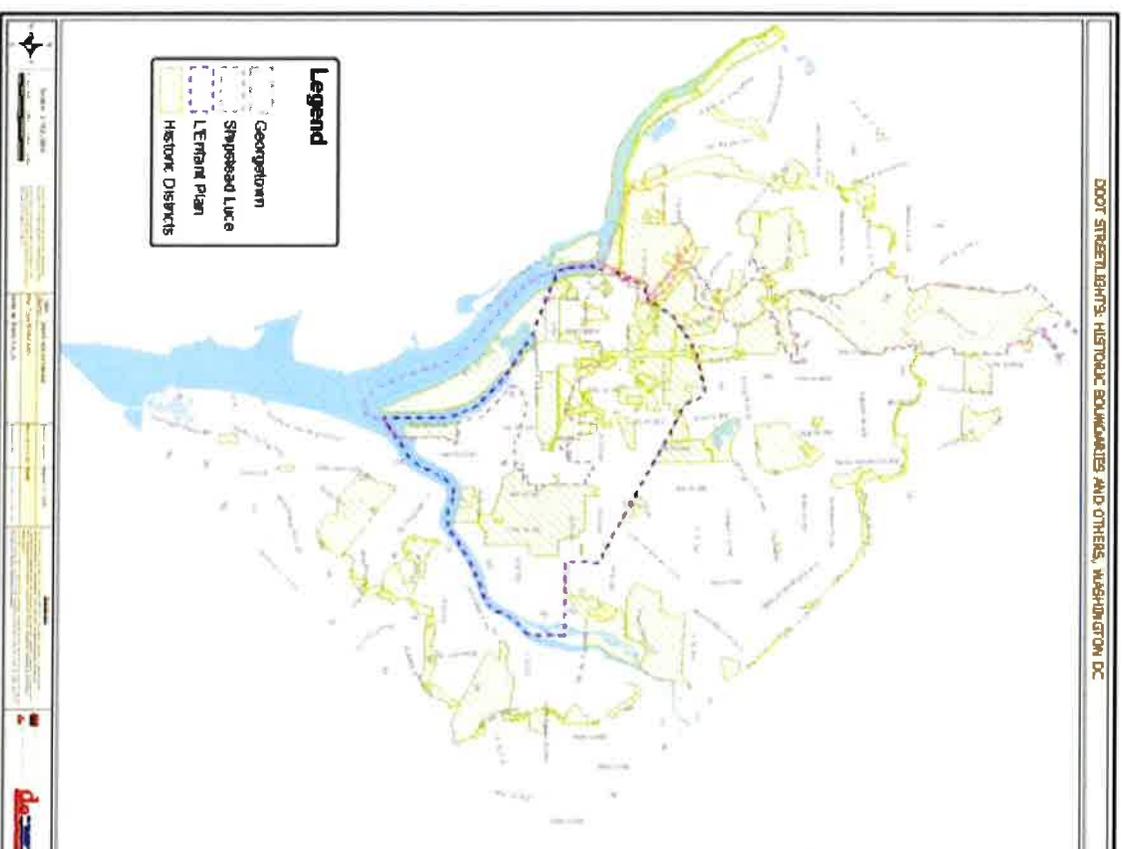
General Guidelines

Permissible Spacing and Frequency of Installations

Blockface Length Intervals ¹	Number of Small Cell Facilities Permitted per Blockface ² outside the Monumental Core and Historic Districts	Number of Small Cell Facilities Permitted per Blockface within the Monumental Core and Historic Districts	Minimum Distance between Facilities on same Blockface ³	Minimum Distance between Facilities on same Blockface within the Monumental Core and Historic Districts	Limit per Carrier per Block ⁴
0'-150'	1	1	N/A	N/A	1
151'-300'	2	1	60'	60'	1
301'-450'	3	2	60'	75'	1
451'-600'	4	3	60'	90'	1
601'-750'	5	4	60'	105'	2
Over 750'	6	5	60'	120'	2

General Guidelines

Applicable Boundaries



1.

District Department of Transportation

