

# Traffic Calming Implementation in Downtown Brooklyn Traffic Calming Project Study Area

Completed as of December 2007

Location			Improvement	Year	Traffic Calming Benefits	DBTC Action Plan?*
Street	At / From	To				
<b>Primary Study Area</b>						
<b>Travel Streets</b>						
<b>3rd Avenue</b>						
3rd Avenue	3rd St	15th St	Southbound bike lane	May-04	Visually narrows roadway to promote slower speeds; bike network development	Yes
3rd Avenue	3rd St	15th St	Parking regulations change to allow parking on SB side	May-04	Narrows roadway to promote slower speeds	Yes
3rd Avenue	9th St	n/a	Left turn bays (NB & SB at 9th)	May-04	Eliminates unsafe lane changes	Yes
3rd Avenue	9th St	n/a	Leading pedestrian interval (across 3rd)	Mar-04	Encourages turning vehicles to yield to pedestrians	Yes
3rd Avenue**	Atlantic Ave	n/a	Leading pedestrian interval (across 3rd)	Mar-04	Encourages turning vehicles to yield to pedestrians	Yes
3rd Avenue**	Union Street	n/a	Blockbuster (in paint, on Union St)	May-04	Discourages wrong-way travel at transition from 1-way to 2-way	No
<b>4th Avenue</b>						
4th Avenue	9th St	n/a	Leading pedestrian interval (across 3rd)	Mar-04	Encourages turning vehicles to yield to pedestrians	Yes
4th Avenue**	Atlantic Ave	n/a	Leading pedestrian interval (across 3rd)	Mar-04	Encourages turning vehicles to yield to pedestrians	No
4th Avenue**	Union St	n/a	Elimination of left turn bay and left turn prohibition (3rd Ave NB to Union St WB)	Dec-07	Expands median space for crossing pedestrians	No
<b>Adams Street</b>						
Adams Street	Joralemon St	Tillary St.	Green bike lanes	Oct-07	Promotes vehicle compliance with bicycle lanes	No
Adams Street**	Tillary St	n/a	Pedestrian refuge	Sep-01	Improves pedestrian crossing safety	Yes
Adams Street**	Tillary St	n/a	Increased pedestrian crossing time	2005	Improves pedestrian safety	Yes
<b>Atlantic Avenue</b>						
Atlantic Avenue**	Flatbush Avenue	n/a	Leading pedestrian interval (across Flatbush)	May-02	Encourages turning vehicles to yield to pedestrians	Yes
Atlantic Avenue**	3rd Av	n/a	Leading pedestrian interval (across 3rd)	Mar-04	Encourages turning vehicles to yield to pedestrians	Yes
Atlantic Avenue**	4th Av	n/a	Leading pedestrian interval	Mar-04	Encourages turning vehicles to yield to pedestrians	No
Atlantic Avenue**	Clinton St	n/a	Leading pedestrian interval (across Atlantic)	2001	Encourages turning vehicles to yield to pedestrians	Yes
Atlantic Avenue**	Hicks Street	nw corner	Pedestrian neckdown	Sep-01	Slows vehicle turns; increases pedestrian space	Yes - Pilot Project
Atlantic Avenue	Hoyt St	n/a	Dedicated left turn signal phase	Dec-07	Improves pedestrian and vehicle safety	Yes
<b>Cadman Plaza West/Court Street</b>						
Court St	Montague St	n/a	Elimination of '24 hour walk' at Montague St crossing	Mar-04	Reduces pedestrian-vehicle conflicts	No
Court St	Remsen St.	n/a	All pedestrian phase (Barnes Dance)	Sep-01	Allows for conflict free pedestrian crossings	Yes - Pilot Project
<b>Flatbush Avenue</b>						
Flatbush Avenue**	Tillary St	n/a	Left turn signal phases changed to protected only	Dec-00	Improves pedestrian and vehicle safety	Yes
Flatbush Avenue**	Fleet St	n/a	Mid-block signal	2001	Provides additional protected pedestrian crossing opportunities	Yes
Flatbush Avenue**	Fulton St	n/a/	Leading pedestrian interval (across Flatbush)	2000	Encourages turning vehicles to yield to pedestrians	Yes
Flatbush Avenue**	Atlantic Ave	n/a	Leading pedestrian interval (across Flatbush)	May-02	Encourages turning vehicles to yield to pedestrians	Yes
Flatbush Avenue	Hanson Pl	n/a	Realigned crosswalk and added ped signal	Dec-04	Improves pedestrian crossing	No
<b>Tillary Street</b>						
Tillary St**	Adams St.	n/a	Pedestrian refuge	Sep-01	Improves pedestrian crossing safety	Yes
Tillary St**	Adams St.	n/a	Increased pedestrian crossing time	2005	Improves pedestrian safety	Yes
Tillary St**	Flatbush Ave	n/a	Left turn signal phases changed to protected only	Dec-00	Improves pedestrian and vehicle safety	Yes
Tillary St**	Cadman Plaza West	Adams St	Protected bicycle lane	Nov-05	Bike network development; provides connection to Brooklyn Bridge bike path	Yes

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Street	At / From	To				
<b>Community Streets</b>						
<b>Court Street</b>						
Court St	Atlantic Avenue	Hamilton Avenue	Signal calming - reduced cycle lengths, splits and progression speed	Nov-04	Slows vehicles; reduces pedestrian delay	Yes
<b>Dekalb Avenue</b>						
Dekalb Avenue	Flatbush Ave	Cumberland St	WB bike lane	Jun-04	Visually narrows roadway to promote slower speeds; bike network development	Yes
Dekalb Avenue	Cumberland St	Washington Ave	Signed bike route	Jun-04	Bicycle network development	No
Dekalb Avenue	Flatbush Ave	Clermont Av	25 mph speed signal progression	Sep-01	Slows vehicles	Yes
<b>Fulton Street</b>						
Fulton Street**	Flatbush Av	n/a/	Leading pedestrian interval (across Flatbush)	2000	Encourages turning vehicles to yield to pedestrians	Yes
Fulton Street	S. Oxford St.	n/a	Pedestrian neckdown	Sep-01	Communicates transition from commercial to residential corridor; slows turning vehicles	Yes - Pilot Project
Fulton Street	Hanson Pl	n/a	Closure of free right turn	Oct-04	Shortens pedestrian crossing and eliminates pedestrian-vehicle conflict	Yes
Fulton Street	Gates Ave	n/a	Channelization to slow turning vehicle	Oct-04	Slows turning vehicles	No
Fulton Street	Flatbush Ave	Nostrand Ave	Oversized signs, high visibility crosswalks	Oct-04	Reduces driver confusion; increases awareness of pedestrians	No
<b>Jay Street</b>						
Jay St	Tillary St	Sands St	Southbound bike lane	Jun-04	Bike network development; provides connection from Manhattan Bridge Bike path	No
<b>Lafayette Avenue</b>						
Lafayette Avenue	Fulton Street	Washington Ave	25 mph speed signal progression	2003	Slows vehicles	Yes
Lafayette Avenue	Carlton Ave	n/a	Pedestrian neckdown	Oct-01	Slows vehicle turns; increases pedestrian space	Yes - Pilot Project
Lafayette Avenue	Adelphi St	n/a	Pedestrian neckdown	Oct-01	Slows vehicle turns; increases pedestrian space	Yes - Pilot Project
Lafayette Avenue	Flatbush Ave	Fulton Ave	One way conversion, new ped X-walk markings	Jun-07	Provides protected pedestrian crossing at Ft Greene Place	No
<b>Livingston Street</b>						
Livingston Street	Elm St	n/a	New traffic signal	Mar-04	Creates safe pedestrian crossing opportunities	Yes
Livingston Street	Gallatin Pl.	n/a	New traffic signal	Dec-07	Creates safe pedestrian crossing opportunities	No
<b>Myrtle Avenue</b>						
Myrtle Avenue	Washington Park	Flatbush Av	Eastbound bike lane	Jun-04	Visually narrows roadway to promote slower speeds; bike network development	Yes
Myrtle Avenue	Waverly Av	n/a	Signal installation	Sep-07	Reduces potential speeding; provides additional protected pedestrian crossing opportunities	No
<b>Smith Street</b>						
Smith/Jay	Bergen St.	Fulton St.	Signed bike route	Jun-04	Bike network development	No
Smith Street	Atlantic Ave	Schermerhorn St	Conversion from two-way to one-way northbound	Dec-03	Reduces pedestrian and vehicle conflicts at Atlantic/Smith intersection; reclaims road space for future sidewalk expansion	Yes
Smith Street	9th St	Dean St	Elimination of peak hour parking restrictions	Nov-03	Narrows roadway to promote slower speeds	Yes
<b>Willoughby Street</b>						
Willoughby Street	Pearl Street	Adams Street	Pedestrian plaza	May-06	Creates auto free space at high pedestrian location	No

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Street	At / From	To				
<b>Living Streets</b>						
<b>Ashland Place</b>						
Ashland/Navy Sts	DeKaib Ave	Sands St.	Bike lanes	Jun-04	Removes auto lanes to promote slower speeds; bike network development	Yes
<b>Bergen Street/Dean Street/Pacific Street</b>						
Bergen St	Washington Ave	Court St	Bike lane	Oct-03	Visually narrows roadway to promote slower speeds; bike network development	Yes
Dean St	Washington Ave	Court St	Bike lane	Oct-03	Visually narrows roadway to promote slower speeds; bike network development	Yes
Dean St	Flatbush Ave	Boerum Pl	Elimination of peak hour parking restrictions	1999	Narrows roadway to promote slower speeds; discourages through traffic	No
Dean St**	Boerum Pl	n/a	Stop sign (for Boerum Pl)	Jun-04	Reduces potential speeding; provides additional pedestrian crossing opportunities	No
Pacific St**	Boerum Pl	n/a	Signal installation	Jan-07	Reduces potential speeding; provides additional pedestrian crossing opportunities	No
<b>Boerum Place (south)</b>						
Boerum Place	Atlantic Ave	Bergen St	Bike lane	Jun-04	Visually narrows roadway to promote slower speeds; bike network development	Yes
Boerum Place	Pacific St	Bergen St	Elimination of peak hour parking and daytime parking restrictions	Sep-04	Narrows roadway to promote slower speeds; discourages through traffic	Yes
Boerum Place**	Dean St	n/a	Stop sign (for Boerum Pl)	Jun-04	Reduces potential speeding; provides additional pedestrian crossing opportunities	No
Boerum Place**	Pacific St	n/a	Signal installation	Jan-07	Reduces potential speeding; provides additional pedestrian crossing opportunities	No
<b>Clinton St</b>						
Clinton St	Kane Street	Atlantic Ave	Corridor signal timing adjustments to eliminate bottleneck at Atlantic	Mar-04	Eliminates vehicle honking - quality of life improvement	Yes
Clinton St**	Atlantic Ave	n/a	Leading pedestrian interval (across Atlantic)	2001	Encourages turning vehicles to yield to pedestrians	Yes
Clinton St	Hamilton Ave	Tillary Street	Bike lane	various	Visually narrows roadway to promote slower speeds; bike network development	Yes
Clinton St	Hamilton Ave	Tillary Street	Elimination of peak hour parking restrictions	2000	Narrows roadway to promote slower speeds; discourages through traffic	No
<b>Henry Street</b>						
Henry Street	State St	n/a	Corridor signal timing adjustments to eliminate bottleneck at Atlantic	Jul-04	Eliminates vehicle honking - quality of life improvement	No
Henry Street	Atlantic Ave	Amity St	Blue bike lane	Mar-02	Promotes vehicle compliance with bicycle lanes	Yes - Pilot Project
Henry Street	Clark St	Amity St	Green bike lane	Jul-07	Promotes vehicle compliance with bicycle lanes	Yes
<b>Hicks Street</b>						
Hicks Street (SB)	Woodhull St	Congress St	Reduction from 1 to 2 lanes	Nov-03	Eliminates a travel lane to reduce speeds; provides a buffer between the sidewalk and the travel lane	No
Hicks Street	Congress St	n/a	Leading pedestrian interval	Nov-03	Encourages turning vehicles to yield to pedestrians	Yes
Hicks Street**	Union St	n/a	Leading pedestrian interval	Nov-03	Encourages turning vehicles to yield to pedestrians	Yes
Hicks Street	Kane Street	n/a	Leading pedestrian interval	Nov-03	Encourages turning vehicles to yield to pedestrians	Yes
Hicks Street	Sackett St	n/a	Leading pedestrian interval	Nov-03	Encourages turning vehicles to yield to pedestrians	Yes
Hicks Street**	Atlantic	n/w corner	Pedestrian neckdown	Sep-01	Slows vehicle turns; increases pedestrian space	Yes - Pilot Project

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Street	At / From	To				
<b>Union Street</b>						
Union Street**	3rd Avenue	n/a	Blockbuster (in paint)	May-04	way	No
Union Street**	Hicks Street	n/a	Leading pedestrian interval (across Hicks)	Nov-03	Encourages turning vehicles to yield to pedestrians	Yes
Union Street**	4th Avenue	n/a	Elimination of left turn bay and left turn prohibition (3rd Ave NB to Union St WB)	Dec-07	Expands median space for crossing pedestrians	No
<b>Miscellaneous Locations</b>						
9th Street	Prospect Park W	4th Ave	Lane reduction from 4 to 3 lanes incl. left turn bays and bike lanes	Mar-07	Reduces speeds and makes left turns safer; bike network development	No
Carlton Avenue	Flatbush Ave	Flushing Ave	Northbound bike lane	May-07	Visually narrows roadway to promote slower speeds; bike network development	No
Carlton Avenue	Myrtle Ave	Park Ave	Landscaped median installation	Dec-07	Narrows roadway to promote slower speeds; provides pedestrian crossing refuge	No
Cumberland Av	Flushing Ave	Hanson Pl	Southbound bike lane	May-07	Visually narrows roadway to promote slower speeds; bike network development	No
Hanson Pl	S. Portland Ave	Fulton St.	Angle parking	Oct-04	Narrows roadway to promote slower speeds	Yes
Sands St	Navy St.	Jay. St	Westbound bike lane	Jun-04	Bike network development; provides connection to Manhattan Bridge bike path	No
<b>Secondary Study Area</b>						
5th Avenue	Carroll St	Dean St	Bicycle shared lane markings	Nov-06	Bicycle network development	N/A
8th Avenue	Prospect Av	Lincoln Pl	20 mph speed signal progression	Mar-07	Slows vehicles	N/A
Prospect Park W	11th St	Carroll St	20 mph speed signal progression	Mar-07	Slows vehicles	N/A
Greene Avenue	Adelphi St	n/a	Signal Installation	Dec-08	Reduces potential speeding; provides additional pedestrian crossing opportunities	N/A
Van Brunt St	Sullivan St	n/a	Signal Installation	Mar-07	Reduces potential speeding; provides additional pedestrian crossing opportunities	N/A
Van Brunt St	Wolcott St	n/a	Daylighting of intersection	Jan-07	Improves sight lines for motorists and pedestrians	N/A
Van Brunt St	Coffey St	n/a	Daylighting of intersection	Jan-07	Improves sight lines for motorists and pedestrians	N/A
Vanderbilt Avenue	Atlantic Ave	Plaza St	Lane reduction from 4 to 3 lanes incl. left turn bays	May-06	Reduces speeds and makes left turns safer	N/A
Vanderbilt Avenue	Atlantic Ave	n/a	Left turn prohibition	2006	Improves pedestrian and vehicle safety	N/A
Willoughby Ave	Washington Park	Myrtle Ave	Bicycle lane	May-07	Visually narrows roadway to promote slower speeds; bike network development	N/A

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