

New York City
Department of Transportation

**Downtown Brooklyn
Traffic Calming Project**

May 2004

**FINAL REPORT –
APPENDIX G2**

OVERVIEW

This appendix contains the actual data collection instruments team members used to survey users of pilot program measures in July 2002.

DOWNTOWN BROOKLYN TRAFFIC CALMING PROJECT

Brooklyn Heights ♦ Boerum Hill ♦ Cobble Hill ♦ Carroll Gardens ♦ Clinton Hill ♦ Fort Greene ♦ Gowanus
DUMBO ♦ Fulton Landing ♦ Park Slope ♦ Prospect Heights ♦ Red Hook ♦ Vinegar Hill



Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented **curb extensions** on both sides of the approach on **Lafayette Avenue, and curb extensions** on the side streets **Carlton Avenue** and **Adelphi Street**. This pilot is intended to slow traffic on Lafayette Avenue, improve pedestrian crossing opportunities and safety.

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Since pilot programs are a test of whether a particular measure works in specific circumstances, the practical effectiveness of pilot programs can still be measured even with the traffic volume and pattern changes since the September 11th tragedy.

Your input is crucial to the success of this project. Please fill out and return this questionnaire to one of the addresses below. If you have any questions or comments you can e-mail them to bktrfcalm@aol.com or write to one of the addresses below. Thank you for your participation.

Are you familiar with the Downtown Brooklyn Traffic Calming Project? Yes No

Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?

More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?

Yes No

Does this measure make you feel that Adelphi Street and Carleton Avenue have a different character/nature than Lafayette Avenue?

Yes Slightly No

Does this measure slow down vehicles making turns off Lafayette Avenue onto Carleton Avenue or Adelphi Street?

Yes Sometimes No

Does this measure improve pedestrian opportunities to cross the street?

Significant improvement Slight improvement No improvement

Does this measure improve the safety of the pedestrian crossing?

Significant improvement Slight improvement No improvement

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DUMBO◆Fulton Landing◆Park Slope◆Prospect Heights◆Red Hook◆Vinegar Hill**



Does this measure improve visibility for and of pedestrians?

Significant improvement Slight improvement No improvement

Does this measure reduce vehicle speeds?

Significantly Slightly Not at all

Does this measure succeed in its goal described above?

Significantly Slightly Not at all

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Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?
More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?
Yes No

Does this measure make you feel like Hicks Street has a different character/nature than Atlantic Avenue?
Yes Slight No

Does this measure slow down vehicles making turns off Atlantic Avenue onto Hicks Street?
Yes Sometimes No

Does this measure improve pedestrian opportunities to cross the street?
Significant improvement Slight improvement No improvement

Does this measure give crossing priority to pedestrians?
Significant improvement Slight improvement No improvement

Does this measure improve visibility for and of pedestrians?
Significant improvement Slight improvement No improvement

Does this measure reduce vehicle speeds on Hicks Street?

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Significant reduction	Slight reduction	No reduction
Does this measure succeed in its goal described above? Significantly	Slightly	Not at all

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Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented a **raised intersection** at **Hicks Street** and **Pierrepont Street**. This pilot is intended to slow traffic along Hicks Street, and improve pedestrian safety.

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Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?
More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?
Yes No

Does this measure make you feel like Hicks Street has a different character/nature than Pierrepont Street?
Yes Slight No

Does this measure slow down vehicles making turns off Pierrepont Street onto Hicks Street?
Yes Sometimes No

Does this measure improve pedestrian opportunities to cross the street?
Significant improvement Slight improvement No improvement

Does this measure give crossing priority to pedestrians?
Significant improvement Slight improvement No improvement

Does this measure improve visibility for and of pedestrians?
Significant improvement Slight improvement No improvement

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Does this measure reduce vehicle speeds on Hicks Street?
Significant reduction Slight reduction No reduction

Does this measure succeed in its goal described above?
Significantly Slightly Not at all

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Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented **widened median refuges** on **Tillary Street at Adams Street** and **lengthened the pedestrian signal phases** within current signal timing cycle. This pilot is intended to improve pedestrian's safety crossing major travel streets.

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Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?

More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?

Yes No

Do cars turn slower as a result of this measure?

Yes Sometimes No

Does this measure make the driver more aware of the pedestrian crossing?

Significantly more aware Slight awareness Not more aware

Does this measure improve visibility for and of pedestrians?

Significant improvement Slight improvement No improvement

Does this measure reduce vehicle speeds along this road?

Yes No

Does this measure improve pedestrian safety?

Significant improvement Slight improvement No improvement

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Does this measure increase the opportunities for safe pedestrian crossing?
Significant increase Slight increase No increase

Does this measure improve the sidewalk environment?
Significant improvement Slight improvement No improvement

Does this measure succeed in its goal described above?
Significantly Slightly Not at all

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Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented a **pedestrian refuge** on **Atlantic Avenue at Bond Street**, a **left-turn lane**, and **modified parking regulations** on **Atlantic Avenue**. This pilot is intended to improve management of vehicular traffic and pedestrian crossing safety, and rearrange on-street parking regulations on Atlantic Avenue.

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Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

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More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?
Yes No

Does this measure provide a reduction in the pedestrian crossing distance and crossing time?
Significant reduction Slight reduction No reduction

Does this measure changes driver behavior?
Significant change Slight change No change

Does this measure makes you feel like Bond Street has a different character/nature than Atlantic Avenue?
Yes Slightly No

Does this measure slow down vehicles making turns off Atlantic Avenue onto Bond Street?
Yes Sometimes No

Does this measure improve pedestrian opportunities to cross the street?

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Significant improvement	Slight improvement	No improvement
Does this measure improve visibility for and of pedestrians?		
Significant improvement	Slight improvement	No improvement
Does this measure succeed in its goal described above?		
Significantly	Slightly	Not at all

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Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented a **Colored Bicycle Lane** for a two block length, on **Henry Street south of Atlantic Avenue**. This pilot is intended to improve vehicular traffic compliance of Bicycle Lane regulations.

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Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?

More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?

Yes No

Does the measure provide a sense of differentiation between the street and the bike lane?

Significant differentiation Slight differentiation No differentiation

Does this measure improve bicyclist safety?

Significant improvement Slight improvement No improvement

Does this measure improve the overall safety on Henry Street?

Significant improvement Slight improvement No improvement

Does this measure make cars and pedestrians more aware of bicyclists?

Significantly more aware Slightly more aware No more aware

Do motorists ignore the differentiation and drive in the bike lane?

Yes No Sometimes

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Do bicyclists use the bicycle lane instead of the street or sidewalk?

Most of the time Sometimes Rarely

Does this measure succeed in its goal described above?

Significantly Slightly Not at all

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Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented **peak hour parking restrictions** on **Clinton Street** between **Atlantic Avenue** and **Tillary Street**. This pilot is intended to reduce priority to through-traffic on north-south streets.

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Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?

More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?

Yes No

Does this measure improve parking conditions on Clinton Street?

Significant improvement Slight improvement No improvement

Does this measure discourage double parking on Clinton Street?

Significantly discourages Slightly discourages No discouragement

Does this measure improve the flow of traffic on Clinton Street?

Significant improvement Slight improvement No improvement

Does this measure improve the overall street conditions on Clinton Street?

Significant improvement Slight improvement No improvement

Does this measure improve pedestrian safety on Clinton Street?

Significant improvement Slight improvement No improvement

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Does this measure reduce vehicle speed on Clinton Street?

Significant reduction Slight reduction No reduction

Does this measure succeed in its goal described above?

Significantly Slightly Not at all

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Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented a **leading pedestrian interval (LPI)** at the intersection crosswalk of **Atlantic Avenue at Clinton Street**. This pilot is intended to improve the safety of crossing the street for pedestrians.

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Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?

More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?

Yes No

Does this measure increase pedestrian safety?

Significantly Slightly Not at all

Does this measure improve pedestrian crossing opportunities?

Significant improvement Slight improvement No improvement

Does this measure improve the pedestrian environment along this street?

Significant improvement Slight improvement No improvement

Does this measure improve traffic flow?

Significant improvement Slight improvement No improvement

Does this measure change driver behavior?

Significantly Slightly Not at all

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Does this measure change pedestrian behavior?		
Significantly	Slightly	Not at all
Does this measure succeed in its goal described above?		
Significantly	Slightly	Not at all

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DUMBO◆**Fulton Landing**◆**Park Slope**◆**Prospect Heights**◆**Red Hook**◆**Vinegar Hill**



Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented an **exclusive pedestrian phase** at the **Remsen Street / Court Street** intersection. This pilot is intended to improve the safety of crossing the street for pedestrians.

NYCDOT, in partnership with Brooklyn Borough President Markowitz and Assemblywoman Millman, undertook the Downtown Brooklyn Traffic Calming Project to find ways to improve the quality of life in Downtown Brooklyn through identifying traffic problems and devise strategies that will effectively manage Downtown Brooklyn's street environments. As part of the project, we have implemented a pilot program, intended to test the viability and effectiveness of how certain traffic calming measures can aid in mitigating the negative impacts vehicles have on their surrounding environment. The treatments and locations are intentionally prototypical so that, if successful, they can be applied to other similar locations in Downtown Brooklyn.

Since pilot programs are a test of whether a particular measure works in specific circumstances, the practical effectiveness of pilot programs can still be measured even with the traffic volume and pattern changes since the September 11th tragedy.

Your input is crucial to the success of this project. Please fill out and return this questionnaire to one of the addresses below. If you have any questions or comments you can e-mail them to bktrfcalm@aol.com or write to one of the addresses below. Thank you for your participation.

Are you familiar with the Downtown Brooklyn Traffic Calming Project? Yes No

Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?
More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?
Yes No

Does this measure improve pedestrian safety?
Significant improvement Slight improvement No improvement

Does this measure improve pedestrian crossing opportunities?
Significant improvement Slight improvement No improvement

Does this measure improve the pedestrian environment along this street?
Significant improvement Slight improvement No improvement

Does this measure improve traffic flow?
Significant improvement Slight improvement No improvement

Does this measure change driver behavior?
Significantly Slightly Not at all

Does this measure change pedestrian behavior?

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Significantly	Slightly	Not at all
Does this measure succeed in its goal described above?		
Significantly	Slightly	Not at all

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DUMBO ♦ Fulton Landing ♦ Park Slope ♦ Prospect Heights ♦ Red Hook ♦ Vinegar Hill



Congratulations! You have just used, or are about to use, a Downtown Brooklyn Traffic Calming Pilot Program. We have implemented a **gateway treatment** on **South Oxford Street** at the intersection with **Fulton Street**. This pilot is intended to slow traffic turning onto South Oxford from Fulton Street, and improve pedestrian safety.

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Since pilot programs are a test of whether a particular measure works in specific circumstances, the practical effectiveness of pilot programs can still be measured even with the traffic volume and pattern changes since the September 11th tragedy.

Your input is crucial to the success of this project. Please fill out and return this questionnaire to one of the addresses below. If you have any questions or comments you can e-mail them to bktrfcalm@aol.com or write to one of the addresses below. Thank you for your participation.

Are you familiar with the Downtown Brooklyn Traffic Calming Project? Yes No

Do you think the Downtown Brooklyn Traffic Calming Project is a good idea? Yes No

Does the recent change in traffic volumes & patterns in downtown Brooklyn make this particular Pilot Program treatment more or less effective?

More effective Less effective Same degree of effectiveness

Were you aware that a pilot program/installation of traffic calming measures was being implemented (in general and specifically in this location)?

Yes No

Does this measure make you feel like South Oxford Street has a different character/nature than Fulton Street?

Yes Slight No

Does this measure slow down vehicles making turns off Fulton Street onto South Oxford Street?

Yes Sometimes No

Does this measure improve pedestrian opportunities to cross the street?

Significant improvement Slight improvement No improvement

Does this measure give crossing priority to pedestrians?

Significant improvement Slight improvement No improvement

Does this measure improve visibility for and of pedestrians?

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Significant improvement	Slight improvement	No improvement
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Does this measure reduce vehicle speeds on South Oxford Street?		
Significant reduction	Slight reduction	No reduction

Does this measure succeed in its goal described above?		
Significantly	Slightly	Not at all

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