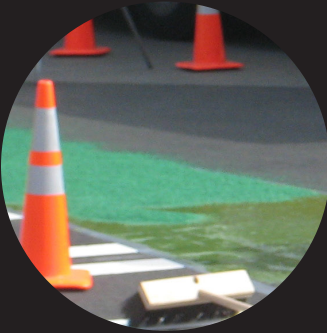


BRIDGINGtheGAP



# SDOT: Keeping Seattle Moving

*Building and operating a transportation system that keeps people, goods and services moving.*

## Message from the Mayor



I am pleased to present the six-year Bridging the Gap Report. 2012 was the program's sixth year of work and its accomplishments can be seen all across the City. The City of Seattle met or exceeded all of its Bridging the Gap goals for 2012, a strong sign of our commitment to enhancing Seattle's transportation infrastructure through this levy and delivering on the promises made to voters.

This past year we paved 16 lane-miles of city streets, restriped 945 lane-miles of arterials, planted 815 trees and replaced faded street name signs at 1,584 intersections. Bridging the Gap, however, focuses on more than just roadway improvements. We also striped 15 lane-miles of bike lanes and sharrows, built 12 blocks of new sidewalk, repaired 24 block equivalents of sidewalk, repaired three stairways, and worked closely with King County Metro to maintain the more than 43,000 service hours acquired as part of Bridging the Gap.

The dedication of the Seattle Department of Transportation and the Levy Oversight Committee to the Bridging the Gap program continues to be impressive, and I commend them all for their work. Bridging The Gap provides the City with critical funding to improve Seattle's vital transportation network.

A handwritten signature in blue ink that reads "Mike McGinn".

Mike McGinn  
Mayor of Seattle

## Message from the Director



Building on the momentum of the first four years of Bridging the Gap (BTG), the Seattle Department of Transportation (SDOT) set aggressive goals for the program in 2012. I am happy to report that we achieved these goals.

In 2012, SDOT installed 42 pedestrian crossing improvements, replaced 2,981 regulatory signs, completed 281 bridge repair requests, installed 1,934 linear-feet of new guardrail and maintained 1,066 traffic signals. These accomplishments, and others, are highlighted in the 2012 BTG Annual Report and are the direct result of the hard work by SDOT teams and crews.

SDOT looks forward to continuing to work with the BTG Levy Oversight Committee and community members, to improve the citywide transportation infrastructure for pedestrians, bicyclists, transit users, freight and motorists.

Our SDOT crews will be busy at work, again this year, so expect to see them Bridging the Gap in neighborhoods throughout the city.

A handwritten signature in white ink that reads "Peter Hahn".

Peter Hahn, Director  
Seattle Department of Transportation

## Bridging the Gap Goals and Objectives

In 2006, Seattle voters passed a nine-year transportation levy for maintenance and improvements known as Bridging the Gap (BTG). The levy is complemented by a commercial parking tax. The program funds programs to address the maintenance backlog for paving; sidewalk development and repairs; bridge repair, rehabilitation and seismic upgrades; tree pruning and planting; transit enhancements; and other much needed maintenance work. Funding also supports projects that develop and implement both a Bicycle and Pedestrian Master Plan, create a Safe Routes to School Program, improve transit connections and help neighborhoods get larger projects built through the Neighborhood Street Fund large project program.

## What Will BTG Deliver?

### Maintenance

- Reduce the infrastructure maintenance backlog
  - Rehabilitate 40 - 50 stairways
  - Prune 25,000 street trees to prevent safety and security hazards
  - Plant 8,000 new street trees
  - Replace over 150,000 small, faded street and regulatory signs
- Pave and repair Seattle streets
  - Resurface, restore, or replace approximately 200 lane-miles of arterial streets
- Make seismic upgrades to our most vulnerable bridges
  - Rehabilitate or replace 3-5 bridges and seismically retrofit 5 additional bridges

### Pedestrian/Bike/Safety

- Improve pedestrian and bicycle safety and create safe routes to schools.
  - Build 117 blocks of new sidewalks
  - Restripe 5,000 crosswalks
  - Create "safe routes to schools" near 30 elementary schools
  - Support the development and implementation of the Pedestrian Master Plan
  - Provide funding to implement the Bicycle Master Plan
  - Add four miles of new multi-use paths
  - Repair or restore 144 blocks of sidewalks
  - Provide funding for neighborhood-identified street improvements

### Transit

- Increase transit speed and reliability
  - Enhance transit and safety improvements on three key transit corridors
  - Secure up to 45,000 hours of new Metro Transit service



# Levy Oversight Committee

The Bridging the Gap Oversight Committee is responsible for providing accountability on the use of BTG funds through monitoring revenues and expenditures and through program and project implementation.

Over the last six years, this committee reviewed BTG projects that serve many users: neighborhoods, commuters, bicyclists, pedestrians, and the freight community. We actively focused on how BTG program and project funding is being integrated into other planning and programming at the Seattle Department of Transportation. Most recently, the committee reviewed and commented on the Transit Master Plan and implementation of the Neighborhood Street Fund large project program.

The committee believes strongly that one way to assure accountability is to be accessible to the public. To help ensure accessibility, each of our quarterly meetings is open to the public, with time set aside for people to share their views on BTG issues.

As evidenced in this report, the committee believes excellent progress has been made by SDOT over the first six years of Bridging the Gap. We look forward to more years of a well-run and highly accountable BTG program. The committee would like to say thank you to Seattle voters for passing Bridging the Gap in 2006. The improvements highlighted in this report would not have been possible without the support of Seattle voters.

For more information, please visit our webpage at [http://www.seattle.gov/transportation/btg\\_oversight.htm](http://www.seattle.gov/transportation/btg_oversight.htm).

## **BTG Oversight Committee**

Co-Chair Ann Martin, Co-Chair Kristen Lohse, Allegra Calder, John Coney, Betty Spieth-Croll, City Budget Director Beth Goldberg, Charles Knutson, Ref Lindmark, John Mauro, Seth Schromen-Warwin, Renee Stanton, Councilmember Tom Rasmussen, Jeremy Valenta, Bob Viggers, Barbara Wright

## Highlights – First Six Years

The first six years of Bridging the Gap were very productive. Work plans were developed, accountability measures established, and asset management programs upgraded. Improvements to streets, sidewalks, trees, bridges, signs and signals began in earnest. Development of Bicycle and Pedestrian Master plans was completed and work to implement both will continue into the future.

Improvements have been made throughout the city: roads are smoother and safer, street name signs are easier to read, new sidewalks are being constructed in communities that need them, repairs to our established infrastructure like bridges, guardrails and sidewalks are being completed.

**Paving** – 185 lane-miles were paved

**Trees** – 4,913 trees were planted

**Bike Lanes and Sharrows** – 143 miles of bike lanes and sharrows were installed

**Sidewalks** – 92 blocks of new sidewalk were constructed

**Sidewalk Repair** – 143 blocks of sidewalk were repaired

**Pedestrian Countdown Signals** – 184 intersections received countdown signals

**Neighborhood Street Fund Projects** – 27 projects were constructed

**Transit Service Hours** – 43,600 new service hours were acquired

**Bridge Repair** – 1,814 bridge repair requests were completed

**Bridge Rehabilitation** – Six bridges were rehabilitated or replaced

# Maintenance Programs

## Completing Six Years of Infrastructure Improvements

### Improving Our Roads

- ✓ More than 185 lane-miles have been paved.
  - Corridors repaved include: N/NW 85th Street, NE Ravenna Boulevard, 15th Avenue NE, Dexter Avenue N, Airport Way, S. Columbian Way, S Dearborn Street, Elliott Avenue, 15th Avenue W, First Avenue S, Boren Avenue, Madison Street, Second Avenue, Fourth Avenue, Fifth Avenue, Marion Street, 16th Avenue SW, and Fauntleroy Way.

### Upgrading Our Infrastructure

- ✓ More than 1,814 repairs have been completed over six years to bridges providing critical links between neighborhoods and commercial areas.
- ✓ 26 stairways have been rehabilitated, making it easier to navigate through neighborhoods.

- ✓ 41,180 regulatory signs have been replaced and more than 8,298 intersections have new street name signs.
- ✓ More than 4,913 trees have been planted and 19,571 trees have been pruned, improving their health and preserving and growing Seattle's urban forest.

### Rehabilitating and Seismically Upgrading Seattle's Bridges

- ✓ Completed six bridge rehabilitation and replacement projects.
  - Dr. Jose Rizal Bridge
  - NE 15th Avenue at 105th Street Bridge
  - East Duwamish Waterway Bridge
  - East Marginal Way at Horton Street Bridge
  - NE 45th Street Viaduct West Approach
  - Airport Way South Viaduct over ARGO Railroad Yard
- ✓ Completed two seismic upgrade projects.
  - South Albro Place over Airport Way Bridge
  - Fauntleroy Expressway Bridge

# Transit Programs

## Increasing Transit Speed, Reliability and Improving Bus Stop Facilities

- ✓ The Transit Master Plan was completed.
  - Confirmed 16 priority bus corridors for continuing improvements.
- ✓ 44,300 new hours of transit service are in place thanks to a partnership between BTG and King County Metro's Transit Now Initiative. Service has been increased on routes 2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 26, 28, 30, 40, 44, 48, 60 and 70.
- ✓ Completed corridor projects:
  - Market/45th Phase 1
  - West Seattle C Line
  - Rainier/Jackson Phase 1
  - Belltown Third Avenue
  - Delridge
  - Ballard D Line
  - Dexter Avenue

- N/NW 85th Street
- 15th Avenue NE
- ✓ Completed spot improvements (improvements may include parking and signal revisions, queue jumps, bus bulbs and stop upgrades):
  - 85th & Greenwood
  - 3rd & Pine
  - Wall and Battery bus lanes
  - Columbia bus lanes
  - 4th Ave S bus lanes
  - 1st Ave bus lane
- ✓ As of early 2013, \$17.3 million in BTG Transit and VLF funding has leveraged \$14.7 million in grant and partnership funding – effectively increasing local buying power by 45%.

# Pedestrians, Bikes and Safety Programs

## Improving Pedestrian Safety

- ✓ A comprehensive sidewalk inventory of city sidewalks was completed, enabling better management of this vital asset.
- ✓ Created 53 new blocks of sidewalk through our Pedestrian and Bike Program.
- ✓ Repaired more than 60 block faces through our Sidewalk Safety and Repair Program.
- ✓ 4,121 crosswalks were remarked and pedestrian countdown signals were installed at more than 184 intersections.



## Improving Bicycle Safety

- ✓ 142 miles of bike lanes and sharrows have been installed over six years and a more than 149 miles of bike lanes and sharrows were restriped.
- ✓ One mile of new greenway was installed and more than seven miles will be installed in 2013.
- ✓ Nearly 34 miles of bike routes have been signed across the city, making it easier to navigate from one place to another by bike.
- ✓ More than 135 miles of bike trail have been inspected resulting in 163 improvements being completed.



## Creating Safe Routes to School

- ✓ Safe Routes to School projects were completed at 31 elementary schools including:



- Arbor Heights
- Sanislo
- Broadview Thomson
- Kimball
- Summit K-12
- Concord
- Sacajawea
- Wing Luke
- Northgate
- Dunlap
- Blaine
- North Beach
- Dearborn Park
- Bailey Gatzert
- BF Day
- Van Asselt
- Cleveland High School

## Delivering Neighborhood Projects

- ✓ This program sets aside \$1.5 million annually from the Bridging the Gap Levy for neighborhood projects.
- ✓ 27 neighborhood projects were constructed across the city as part of the Neighborhood Street Fund Large Projects.
- ✓ Project Include:
  - **Intersection improvements**
    - Fairview Ave E
    - California Ave
  - **New sidewalk/sidewalk improvements**
    - Ravenna Ave sidewalk
    - 13th Avenue NW sidewalk
    - S Orcas Street sidewalk
    - 25th Avenue SW sidewalk improvements
    - 33rd Avenue NE sidewalk
    - Sacajawea Elementary sidewalk
    - Wallingford sidewalk repair
    - Ballard sidewalk repair
    - Alki sidewalk
  - **Bike and pedestrian improvements**
    - S Othello Street bike & pedestrian improvements
    - Central District pedestrian improvements
    - First Hill pedestrian improvements
    - Belltown pedestrian improvements
    - Columbia City pedestrian improvements
    - Lander Festival Street
    - Jackson Place traffic calming
    - Green street installation along Maynard Ave
  - **Neighborhoods receiving projects:**
    - Ravenna
    - Queen Anne
    - Ballard
    - Downtown
    - Southeast/Rainier
    - Lake City
    - Wallingford
    - Delridge
    - International District
    - Alki
    - Central District
    - Beacon Hill
    - Columbia City



# BTG Accomplishments

2007 - 2012

BTG Project	2007 Results	2008 Results	2009 Results	2010 Results	2011 Results	2012 Results	Total to Date
<b>TRAFFIC MANAGEMENT</b>							
Pedestrian countdown signals installed (intersections)	26	27	40	40	26	25	184
New sidewalk block faces built	13	15.4	25.85	15.1	10	12.2	91.55
Walking routes to schools improved for safety	1	7	6	5	6	6	31
Crosswalks remarked	789	1,082	810	631	308	501	4121
Neighborhood projects selected	17	-	-	11	-	-	28
Neighborhood projects designed	-	17	-	-	11	-	28
Neighborhood projects constructed	-	-	17	-	2	8	27
Speed watch trailers deployed	68	68	73	61	51	50	371
Bike lanes and sharrows striped (in miles)	20.7	36.07	35.32	20.23	15.02	15.21	142.55
Bike lanes and sharrows restriped (in miles)	0	0	48.07	35.01	26.27	40.03	149.38
Bike routes signs installed (in miles)	3.6	11.15	19.6	31.54	31.5	32.57	129.96
Bike trail segments built	2	4	2	1	1	-	10
Trail inspection (in miles)	0	26.63	20	26.72	27	35.5	135.85
Urban trail and bikeway spot improvements	25	24	47	47	10	10	163
School zones with safety signs improved	26	76	52	10	10	11	185
Regulatory street signs replaced	7,365	9,770	8,315	7,604	5,145	2,981	41,180
Street-name signs replaced	1,044	1,097	1,716	1,701	1,156	1,584	8,298
Number of corridors with signs replaced	5	5	1	1	-	-	12
Arterial lane-miles restriped	1,578	1,351.42	1322.77	1148.11	1151.1	945.11	5,400
Crash cushions replaced	2	2	2	2	2	2	12
Guardrail replaced (in feet)	3,562.50	2,899.50	2,086	2,023	1,891	1,934	10,571
New traffic signal requests evaluated	88	73	64	53	53	55	386
New signals installed	8	5	4	3	3	2	25
Signal beacons maintained	396	298	281	105	-	-	1,080
Traffic signals maintained	1,001	1,012	1,041	1,040	1,055	1,061	6,210
Traffic control cabinets replaced	20	20	10	10	8	8	76
Electrical traffic control devices evaluated	211	291	296	257	241	257	1,553
Electrical traffic control devices installed, modified or removed	121	127	50	60	79	96	533
Traffic control concerns evaluated	393	564	502	635	1005	1478	4,577
Left turn signal improvements evaluated	34	30	20	24	40	39	187



BTG Project	2007 Results	2008 Results	2009 Results	2010 Results	2011 Results	2012 Results	Total to Date
<b>TRAFFIC MANAGEMENT (continued)</b>							
Left turn signal improvements installed	6	6	3	5	2	3	25
Left turns improved for pedestrian safety	2	6	-	-	-	-	8
Locations improved for pedestrian safety	12	10	11	10	-	-	43
Safety concerns evaluated	52	65	59	56	36	32	300
Crossing improvements implemented	-	-	-	42	51	47	93

<b>CAPITAL PROJECTS &amp; ROADWAY STRUCTURES</b>							
Road lane-miles paved	28.8	41.5	28.7	33.3	37	16.4	185.70
Bridge repair requests completed	170	415	424	294	230	281	1,814
Stairways rehabilitated	5	7	5	3	3	3	26

<b>STREET MAINTENANCE</b>							
Sidewalk block faces repaired	14.07	24.21	30.13	25.13	25.1	24.33	142.97

<b>STREET USE &amp; URBAN FORESTRY</b>							
Trees planted	681	923	818	854	822	815	4,913
Trees pruned	2,520	3,190	3,569	3,781	3,412	3,099	19,571
Landscape maintained (square feet)	0	43,596	44,011	-	-	-	87,607
Landscape maintained (maintenance events)	-	-	-	1,530	912	970	1,530

<b>POLICY &amp; PLANNING</b>							
Transit hours secured	0	20,000	8,800	14,800	-	-	43,600
Transit hours maintained	-	-	-	-	43,600	43,600	43,600
Transit corridor project implementation	0	3	0	3	3	3	12



# Grant Funding

Bridging the Gap committed not only to construct city-funded transportation projects, but also to leverage other funds and support a variety of partnership opportunities. Most state and federal agencies require cities to contribute matching funds to become eligible for their grant programs. Potential partners are more likely to support projects that clearly can be funded to completion.

SDOT has delivered. In 2009, after BTG funds had been used to match grant awards for three years, we reported that BTG had helped to secure 30 grant awards. The value of those awards was over \$76 million. From 2010 to 2012, BTG leveraged 32 additional awards worth over \$64 million, bringing the total outside funds to more than \$140 million.

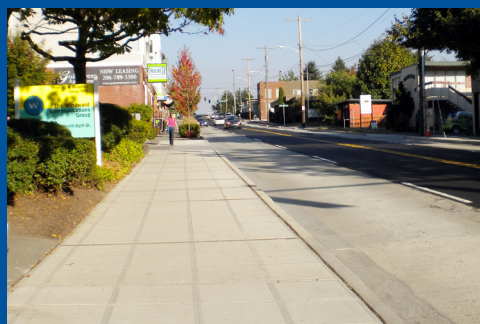
Grants leveraging BTG funds make up over two-thirds of the grants awarded to SDOT. Since passage of BTG, the average annual amount of grants awarded to SDOT has increased more than 50%.

These awards have enabled completion of project SDOT manages: roads and bridges, public transit, bikeways and sidewalks, safety programs and school zones, and even historic preservation and basic pavement maintenance.

Approximately \$300 million in BTG funds have been spent to date, while leveraging this to gain \$140 million in grants. That represents a leverage rate of approximately 50%.

2007 - 2012 Bridging the Gap Leveraged Grants

Type of Grant	Number of Applications Awarded			Amount Awarded		
	2007 to 2009	2010 to 2012	Total	2007 to 2009	2010 to 2012	Total
<b>Preservation and Maintenance</b>						
Paving and Street Maintenance	2	2	4	\$4,250,000	\$2,500,000	\$6,750,000
Bridges	1	4	5	\$1,500,000	\$7,913,000	\$9,413,000
<b>Ped/Bike/Safety Programs</b>						
Pedestrian Improvements	3	3	6	\$755,000	\$1,532,000	\$2,287,000
Bicycle Improvements	3	5	8	\$2,450,000	\$2,667,000	\$5,117,000
Safety Programs and School Zones	9	6	15	\$1,278,000	\$1,939,000	\$3,217,000
<b>Transit and Major Projects</b>						
Complete Streets	6	9	15	\$60,871,000	\$13,000,000	\$73,871,000
Transit Improvements	3	8	11	\$5,339,000	\$34,721,000	\$40,060,000
<b>Total Awarded</b>	<b>27</b>	<b>32</b>	<b>59</b>	<b>\$76,042,000</b>	<b>\$64,272,000</b>	<b>\$140,715,000</b>



# 2012 BTG Financial Overview

Each year the BTG program combines SDOT general fund and BTG levy revenues to create a total budget. The spending plan represents the portion of the total budget that SDOT intends to spend in the year.

**2012 BTG Adopted Budget:** \$98.23 million (this includes \$31.6 of 2011 BTG carry forward)

**2012 other city funding allocation:** \$106.43 million (this includes \$68.3M of 2011 non BTG carry forward)

**2012 total program budget:** \$204.66 million

**2012 spending plan:** \$121.65 million

**2012 actual expenditures:** \$123.08 million

\*The majority of unspent 2012 budget represents larger capital projects that are constructed over multiple years and therefore, these funds will automatically carryover into the following year. Any other unspent levy dollars remain in the levy fund unless specific carryover was requested into the 2013 transportation budget.

The BTG levy approved by voters stipulated that certain percentages of the levy revenues be spent on different categories of projects as shown below:

2012 Levy Breakout		
	Levy Requirement	2011 Actual Levy Spending
Maintenance is...	No less than 67%	77% of total 2012 Levy
Pedestrian/Bike/Safety is...	No less than 18%	13% of total 2012 Levy**
Transit & Major Projects is...	No more than 15%	10% of total 2012 Levy

Cumulative Levy Breakout (2007-2012)		
	Levy Requirement	Cumulative Actual Levy Spending
Maintenance is...	No less than 67%	73% of total Levy
Pedestrian/Bike/Safety is...	No less than 18%	17% of total Levy**
Transit & Major Projects is...	No more than 15%	10% of total Levy

\*\* The 2012 and Cumulative Pedestrian/Bike Safety percentage is low due to lower than expected spending on the Burke Gilman Trail Extension and Greenways. The funding for the projects will carry over and to 2013.

El Departamento de Transporte de Seattle valora sus comentarios y quiere estar seguro de que usted está consciente del trabajo que estamos realizando. Si necesita la traducción de este documento o si desea solicitar servicios de interpretación para una reunión pública o evento futuros, por favor entre en contacto con nosotros por el 206-684-8307.

Sở Giao Thông Seattle đánh giá cao ý kiến phản hồi của quý vị và muốn bảo đảm là quý vị biết rõ công việc mà chúng tôi đang thực hiện. Nếu quý vị muốn có bản chuyển ngữ của tài liệu này, hoặc nếu quý vị muốn yêu cầu dịch vụ thông dịch trong một buổi họp hay sự kiện cộng đồng nào đó trong tương lai, xin liên lạc với chúng tôi tại 206-684-8307.

西雅圖交通部重視你的意見並希望讓你了解我們正在做的工作。如果需要翻譯本文件，或在將來的公眾會議上需要口譯服務，請打電話 206-684-8307 聯絡我們。

시애틀 교통국은 여러분의 의견을 소중하게 생각합니다. 또한 여러분들이 교통국의 담당업무를 좀더 정확히 이해 할 수 있도록 노력하고 있습니다. 이문서의 한국어 번역 또는 향후 공청회 및 공공행사시 통역서비스가 필요할 경우 206-684-8307 로 문의하여 주시기 바랍니다.

Pinahahalagahan ng Departamento ng Transportasyon ng Seattle ang iyong opinyon at saloobin at nais rin naming malaman mo kung ano ang aming ginagawa. Kung ikaw ay interesadong isalin sa ibang lengguahe ang dokumentong ito, o kung nais mong humingi ng tagapagsalin ng salita sa panghinaharap na pang-publikong pagpupulong o pangyayari, maaari lamang tawagan kami sa telepono 206-684-8307

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Waaxda Gaadiidka Seattle waxay qiimeysaa ra'yigaada waxayna rabtaa in ay hubsato in aad adiga ka war haaysid shaqada aan anaga haayno. Haddii aad dooneysid in dokumentigaan lagu tarjumo, ama haddii aad dooneysid in aad codsatid adeegyada tarjamada goor dambe ee la qaban doono shirarka dadweynaha ama manasabad, fadlan nagala soo xariir telefoonka 206-684-8307

**የሲያትል ጠንገድና ጠጓጓዣ ጠምሪያ (Seattle Department of Transportation) ለስተያየትዎን ጠስግት ይፈልጋል፤ የምንሠራውንም ሥራ ልናሳውቅዎት ይንገሉን። ይህ ሰነድ ይንዲተረጎምልዎት ከፈለጉ ወይም ወደፊት የሕዝብ ስብሰባ ወይም ዝግጅት ላይ ለስተርጓሚ ይንዲተርብልዎት ከፈለጉ ይገኙን በሚከተለው ይገናኙን 206-684-8307 ።**

Birkiin Geejjiba Seattle yaada keef gatii kenna ammas waan nuti dalagaa jirru akka beektu mirkaneessuu fedha. Galmeen kun akka hiikamu yoo barbaadde, ykn walga'ii uummataa kan egeree ykn qophii irratti tajaajiloota kan hiikaa afaanii gaafachuu yoo feete, mee nu quunnamii as Irati 206-684-8307

Any questions, please contact:  
Krista Bunch  
Bridging the Gap Community Outreach Advisor  
206.684.3967  
krista.bunch@seattle.gov

For more information, visit our website at:  
<http://www.seattle.gov/transportation/BridgingtheGap.htm>