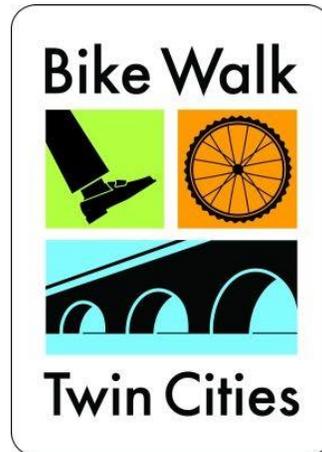
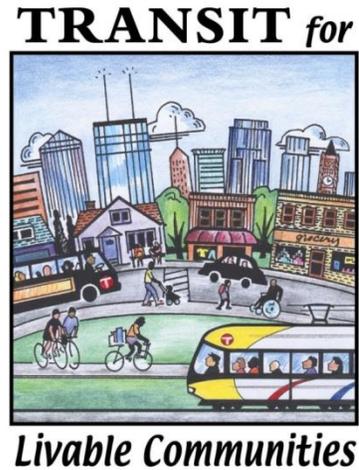


Non-Motorized Transportation Pilot Program for Minneapolis and Adjoining Communities



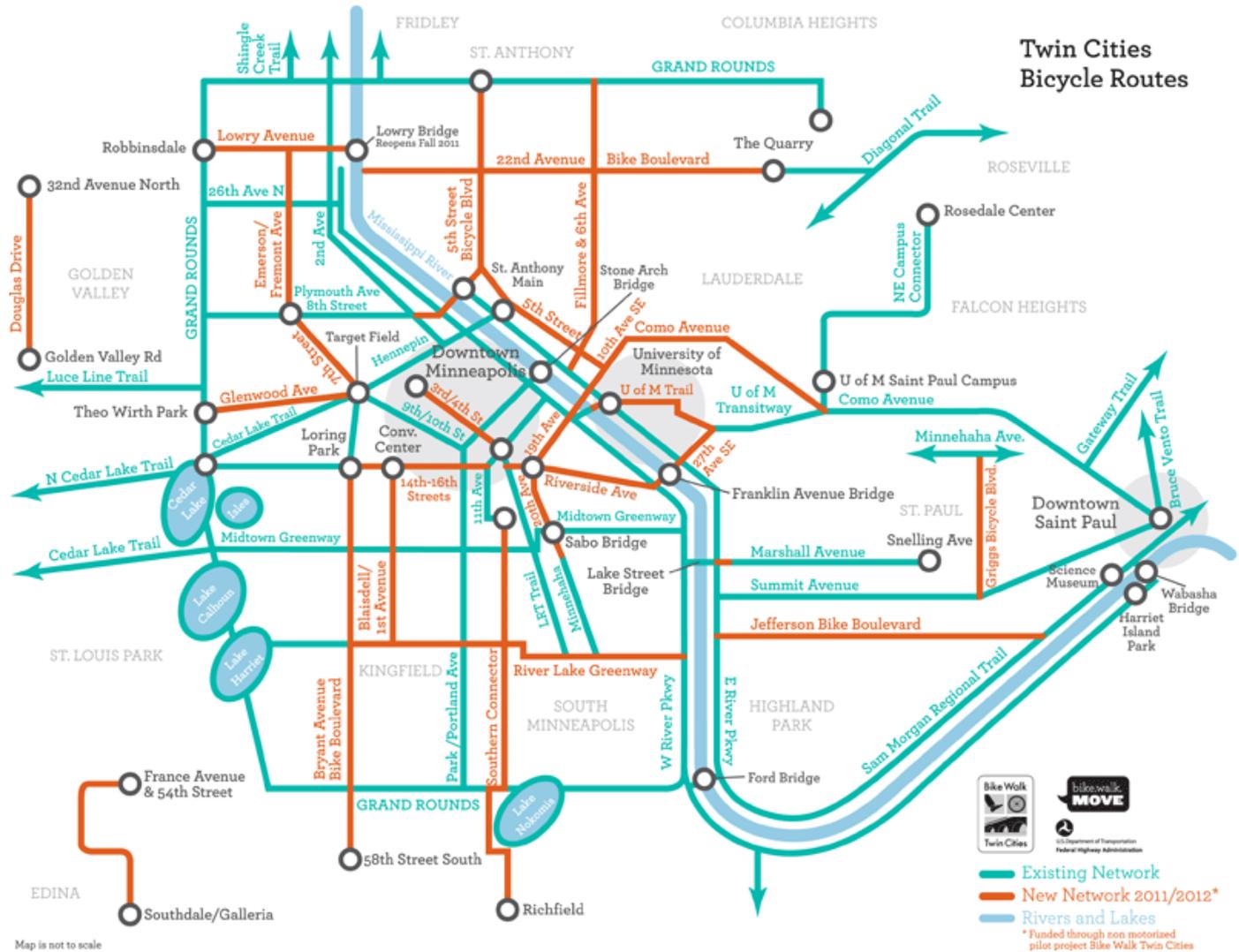
Work Plan

Submitted to the City of Minneapolis
October 2011

Accomplishments to Date (2006 to September 2011)

1. Infrastructure/Capital

The Minneapolis area pilot program has awarded \$16.7 million to finance 39 capital projects. Capital projects are contributing to mode shift by adding more than 75 miles to the bicycle network, increasing safety for pedestrians at numerous locations, and creating more bicycle transportation through a large and growing bicycling sharing program. See the expanded network below.

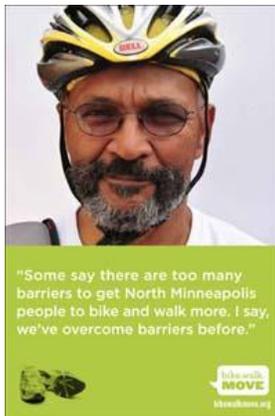


The largest single project funded was for start-up capital and expansion of the Nice Ride Minnesota bicycle sharing program. The model was innovative in being the first large U.S. system and the first public/private partnership. Over the first season and about 75% into the second season (while new stations are still being installed) the system has logged more than 260,000 trips. Survey data to date indicates over 85% of trips are for transportation (versus recreation) and almost 20% indicate that the bike trip replaced use of a car.

2. Education/Communication

The Minneapolis area pilot has awarded \$1.6 million to four education projects and has conducted significant staff and contract work to empower new and more dedicated bicycling and walking transportation. Projects and **sample** outcomes include the following:

- Bike Walk Ambassador Program
Provide a range of safety and bike/walk promotional outreach events throughout community, with special focus on immigrant and underserved populations. Year Two outreach summary:
 - 164 events, presentations, classes, and activities
 - 1690 hours spent with the public
 - 14575 interactions with participants via events, activities, and classes/short courses
 - 14061 contact hours performing education, outreach, classes and/or presentations
 - 136 events we partnered with at least one other organization
- Sibley Community Partners Bike Library Program
Long-term loan of 220 bicycles and fourteen child trailers through seventeen social service community partners
- St. Paul Smart Trips Highland Park outreach
83% of respondents who participated in the program reported taking new walking, bicycling or transit trips and 76% said program materials or communications helped them make those trips
- Bike Walk Twin Cities awareness campaign
Special emphasis on culturally relevant outreach; measurement of effectiveness underway



3. Planning

The Minneapolis area pilot awarded \$.5 million for eight planning studies including comprehensive city-wide plans, corridor plans, and area-wide plans for connections to transit. All planning studies awarded to jurisdictions are complete. In 2011 Bike Walk Twin Cities issued an RFP for development of series of planning studies, plan sets, and feasibility studies. Project locations were identified by jurisdictions and ranked by external evaluators to determine the most critical network improvements. Up to twelve studies will be completed in 2011 and 2012. Plan sets will create “shovel-ready” projects for future competitive funding opportunities.

4. Measurement

Bike Walk Twin Cities continues to conduct unprecedented measurement of bicycling and walking as a form of transportation. The 2010 count marked the fourth year of tracked data collection, and the annual 2011 counts are underway at 43 locations. From 2007 to 2010 bicycling was up 33% and walking up 17%. Some locations show very marked increases:

Hennepin Avenue Bridge combined biking walking	up 30%
Midtown Greenway west of Hennepin combined biking walking	up 61%
Riverside Avenue east of Cedar	up 94%
Sabo Bridge & Hiawatha at-grade crossing	up 160%

Additional measurement includes monthly counts to monitor seasonal trends and automated counters to monitor validity. Numerous count locations are tied to new infrastructure, enabling measures of network use.

Solicitation and Award History

2007 Solicitation: Planning, Operations, Infrastructure

63 applications received totaling \$17.9M
30 projects awarded totaling \$7.3M

2007 Direct Awards totaling \$1.3M to:

City of Minneapolis: Bike Walk Ambassador Program
City of Minneapolis: Pedestrian Master Plan
City of Minneapolis Bike Parking Project

2008 Solicitation: Bike/Walk Streets, Livable Streets

35 applications received totaling \$16.1M
5 projects awarded totaling \$1.87M

2008-9 Solicitation: Innovation Demonstrations

15 letters of intent received requesting over \$11M in funds
4 projects awarded totaling \$2.47M

2009 Direct awards

2 projects totaling \$297K for education/outreach in St. Paul and a regionwide planning platform for bicycling and walking projects

2009 Direct awards to projects flowing from completed BWTC planning studies (2007)

3 projects totaling \$2.2M to projects in Minneapolis, Golden Valley and St. Paul

2009 Solicitation Follow-up

4 projects totaling \$1.75M to revised projects from 2008 Bike/Walk Streets, Livable Streets solicitation

2010 Direct awards

2 awards totaling \$300K for extension of communications work of St. Paul Smart Trips and funding for bike parking program with eligibility to all jurisdictions in pilot area

2011 Solicitation:

- Improving Conditions for Walking and Bicycling Planning Study
63 projects reviewed and scored; 12 selected for planning studies or plan set development
- Capital projects ready for immediate implementation
9 projects submitted totaling over \$3M
3 projects selected totaling \$1.2M

2006 to September 2011: Awards and significant professional service contracts

	Jurisdiction	Project	Amount Funded	Status as of Aug 2011	Additional Notes
Education	Minneapolis	Award: Bike and Pedestrian Ambassador Program	\$900,000	complete and ongoing	In 3rd year of operation
	Metropolitan Council	Award: Cycloplan region-wide planning tool	\$185,000	complete and ongoing	In beta testing phase
	NGO: St. Paul Smart Trips	Award: St Paul Smart Trips – social marketing in 3 project neighborhoods	\$342,000	2 neighborhoods complete	
	NGO: Sibley Bicycle Depot	Award: Sibley Community Partners Bike Library Program to provide loaned bicycles to low-income residents through social service organizations	\$193,200	complete and ongoing	in 2nd year of operation
	-	Communications contracts over 4 years	\$853,000	underway	Website development, media outreach, special events, project openings, video production, creative work for PR and advertising, etc.
	-	Technical advisory team and bike sharing technical assessment	\$91,500	complete	Delivery of numerous workshops for transportation professionals and elected officials in BWTC jurisdictions; consultation on project design and implementation issues
Planning	Metropolitan Council	Award: Metro Transit Bike/Ped Improvements Study	\$100,000	complete	
	Minneapolis	Award: Minneapolis Pedestrian Plan	\$150,000	complete	Resulted in additional awards for infrastructure projects
	Minneapolis	Award: Minneapolis Central Avenue NE Planning Study	\$50,000	complete	Being considered now in conjunctions with planned mill and overlay
	Minneapolis	Award: Minneapolis Hennepin Avenue Planning Study	\$50,000	complete	Partially implemented with City funds; additional implementation possible
	Saint Paul	Award: St Paul Central Corridor Bicycle and Pedestrian Plan	\$50,000	complete	Resulted in additional awards for infrastructure projects
	Richfield	Award: Richfield Arterials Study	\$50,000	complete	
	Golden Valley / St. Louis Park	Award: Xenia Ave/Park Place Blvd Corridor Planning	\$35,000	complete	
	Golden Valley	Award: Douglas Dr Corridor Enhancement & Connection to Luce Line	\$50,000	complete	
	-	Improving Conditions for Walking and Bicycling Planning Study	\$466,746	Underway	Contract will result in up to 12 plan sets or feasibility studies for major network corridors, connections, and intersections in Minneapolis, St. Paul and several adjoining communities

Infrastructure / Capital	Minneapolis	Award: Minneapolis 19th Avenue S	\$100,000	underway	
	Minneapolis	Award: Minneapolis Minnehaha/20th Avenue S	\$150,000	complete	
	Minneapolis	Award: Minneapolis Franklin Avenue E	\$50,000	complete	
	Minneapolis	Award: Minneapolis 7th Street/10th Avenue N	\$100,000	underway	
	Minneapolis	Award: Minneapolis 27th Ave SE	\$100,000	complete	
	Minneapolis	Award: Minneapolis Plymouth Avenue N/8th Avenue NE	\$150,000	partial completion	Bridge is closed for repair
	Minneapolis	Award: Minneapolis 1st/Blaisdell Avenues	\$150,000	scheduled to open 9/2011	Complete except for signage
	Minneapolis	Award: Minneapolis 5th Street NE	\$50,000	partial completion	Complete except for signal at Broadway and signage
	Minneapolis	Award: Minneapolis 14th/15th/16th Street S	\$150,000	scheduled to open 9/2011	
	Minneapolis	Award: Minneapolis Bryant Avenue S	\$150,000	scheduled to open 9/2011	
	Minneapolis	Award: Minneapolis 10th Ave SE	\$100,000	complete	
	Minneapolis	Award: Minneapolis Glenwood Avenue	\$150,000	on hold	Design elements still being negotiated
	Minneapolis	Award: Minneapolis 22nd Avenue NE	\$50,000	partial completion	Complete except for signage
	Hennepin County	Award: Hennepin County Lowry Avenue Corridor Project	\$108,400	complete	
	Minneapolis	Award: Minneapolis Emerson/Fremont Avenue N	\$100,000	partial completion	Complete except for signage
	Minneapolis	Award: Como Avenue SE	\$50,000	partial completion	Sharrows and signage needed
	Minneapolis	Award: LRT Trail Downtown Connection	\$800,000	scheduled to open 9/2011	
	Minneapolis	Award: University of Minnesota Trail	\$1,700,000	to be completed 2012	Amount is adjusted from original award of \$2.5M to reflect expected savings from ROW acquisition
	Saint Paul	Award: Como Ave Bicycle and Pedestrian Improvements	\$418,800	complete	

Saint Paul	Award: Marshall Ave: Miss R Blvd (MRB) to Cretin Ave	\$495,000	complete	
Minneapolis	Award: Bike Parking Project	\$200,000	mostly complete	A few racks remain to be distributed and installed
Minneapolis	Award: Riverlake Greenway	\$400,000	complete	
Roseville, Falcon Heights, Lauderdale	Award: NE Suburban Campus Connector	\$1,078,000	construction underway	Phase 1 to be completed 2011; Phase 2 in 2012
Richfield	Award: Oliver Avenue Bicycle Street	\$105,550	in review	Under review at Metro District
Minneapolis	Award: Fillmore & 6th Avenues Bike Blvd	\$325,000	design underway	To be completed in 2012
Richfield	Award: Richfield Parkway Stage 2 Pedestrian/Bikeway Trail	\$112,900	in review	Under review at Metro District
Golden Valley	Award: Douglas Dr. Bicycle and Ped improvements	\$1,050,000	construction underway	ROW and engineering near complete
Saint Paul	Award: St. Paul Griggs St	\$400,000	engineering underway	Project resulted from Central Corridor Bicycle and Pedestrian Plan
Minneapolis	Award: Cedar/Washington intersection	\$765,000	construction PM to be submitted 12/2011	Project resulted from Minneapolis Pedestrian Master Plan
NGO: Nice Ride Minnesota	Award: Bike Sharing Program	\$2,750,000	complete	
University of Minnesota	Award: Bike Center	\$380,000	scheduled to open 9/2011	
University of Minnesota	Award: Radio-Frequency Identification (RFID) commuter validation system	\$145,000	scheduled to open 9/2011	
Saint Paul	Award: St. Paul Jefferson Avenue	\$750,000	PM submitted	Project on hold; additional public meetings
Edina	Award: Edina Wooddale/54th St/Valley View Road	\$250,000	construction PM to be submitted 12/2011	
Minneapolis	Award: Minneapolis Southern Connector	\$400,000	design underway	

	Minneapolis	Award: Minneapolis Pedestrian Enhancements along 5th Street NE and 7th Street N	\$350,000	5 th St complete; 7 th St N underway	
	Minneapolis operated by NGO Transit for Livable Communities	Award: All-area bicycle parking	\$75,000	underway	
	Minneapolis	Award: Minneapolis Franklin Ave improvements 23rd to 26th Ave	\$62,000	On hold	May require new cost estimates
	Fridley	Award: Fridley Main Street project	\$110,000	underway	
	Enhancements across numerous operations projects	Budget adjustments to numerous capital and education projects to extend the timeline or enhance design features, e.g. application of poly tape rather than paint on pavement markings	\$1,900,000	underway	
	TOTAL INFRASTRUCTURE / CAPITAL AWARDS		\$16,730,650		

Workplan

Ongoing Work: Administration of Pilot

- Coordinate communications with local agency partners (FHWA division office, MnDOT, Metropolitan Council City of Minneapolis as fiscal agent) for maximum program effectiveness
- Communicate regularly with other pilot communities on measurement and reporting of pilot results (Note: The Nonmotorized Transportation Pilot Program report to Congress was prepared by the Volpe National Transportation Systems Center, with significant input from pilot communities, and submitted to FHWA in August 2011. After agency review, the report is expected to be released by USDOT in early spring 2012.)
- Monitor implementation of all funded projects and work with jurisdictions to achieve best practices
- Generate media interest in and respond to media requests about bicycling and walking transportation in the Twin Cities
- Manage website and social media to share information and build momentum for bicycling and walking
- Manage regional collaborative of organizations that plans and executes year-round bike/walk promotional and participatory events (Bike Walk Week)
- Manage extensive measurement and evaluation processes and distribute data for capacity building to program managers, policymakers and transportation professionals
 - Annual on-street counts at over 40 locations
 - Monthly on-street counts at five locations
 - 24-hr automated counts at four locations
 - Evaluation of design experiments in coordination with jurisdictions and external resources (e.g. University of Minnesota graduate students)
 - Evaluation of various program elements related to the Bike Walk Ambassador program, the Community Partners Bike Library, etc.

Timeline and Key Performance Goals

2011 (September through December)

- Award new funding: Seward Bike/Walk Center (\$380,000 requested)
- Carry out second year of communications and outreach campaign to raise awareness of new facilities as expanded network for reaching more destinations
 - Host major events related to at least four project openings
 - Measure effectiveness of significant neighborhood awareness campaign through pre- and post-surveys
- Open at least six infrastructure projects, including first advisory bicycle lanes, first bicycle stop light, three bicycle boulevards, a major trail connection, and two road diets
- Collect on-street data at 43 locations for bike/walk tracking
- Conduct one training to certify through the League of American Bicyclists at least ten additional bicycle safety instructors
- Make decision about further education work through efforts outside of BWTC (note: this may include a contract for strategic assessment and future opportunities of programming now provided through the Bike Walk Ambassadors)

- Empower more year-round bicycling and walking through coordination of October Bike Walk Week across NTP area
 - Increase participating schools in International Walk to School Day from 45 in 2010 to 60 in 2011
- Execute planning studies contract
 - Complete two plan sets/feasibility studies
 - Host complete streets case study workshops for Central Ave and Snelling Ave

2012

- Release 2011 tracked count data for 2007 – 2011
 - Work with other pilot communities to issue all-pilot report of 2007 - 2011 data
- Reprogram funds from any funded projects unable to be completed
- Oversee and bring to completion contract for at least eight additional plan sets/ feasibility analysis. Contract title: “Improving Conditions for Walking and Bicycling Planning Study.”
- Open at least five infrastructure projects, including two additional bicycle boulevards
- Complete communication/education work in one additional Minneapolis neighborhood (Northeast Minneapolis) and one St. Paul neighborhood (Como) with pre- and post-effectiveness measurement
- Conduct two trainings to certify through the League of American Bicyclists at least eighteen additional bicycle safety instructors
- Conduct training of law enforcement officers to understand and better enforce traffic laws to protect bicyclists and pedestrians
 - Develop tool kit of resource materials (brochure, roll call videos, etc) and promote use of these materials in at least three law enforcement departments in the pilot area
 - Conduct two trainings of officers
- Empower more year-round bicycling and walking through coordination of January, June and October Bike Walk Weeks across NTP area
 - Work with partner organizations to set performance goals for registration, participation, and media coverage
- Collect 2012 on-street data at 43 locations for bike/walk tracking
- Continued project evaluations, e.g., bicycle parking, Smart Trips, Sibley Community Partners Bike Library

2013

- Note: Projects funded prior to September 2011 require implementation by fall of 2012. Under this timeline, TLC will conclude program management by June of 2013. If project funds require reprogramming (because of cost savings or project withdrawal/cancellation) some implementation may take place in spring/summer 2013. Under this extended timeline the following responsibilities would continue through summer 2013 and are reflected in the budget through June 2013:
 - Oversight of program implementation
 - Communication work to support project opening
 - Program administration
- Conclude communication and coordination work across pilot communities
- Release 2012 tracked count data for 2007 – 2012
 - Work with other pilot communities to issue all-pilot report of 2007 - 2012 data
- Oversee any remaining project implementation
- Conclude all project evaluations
- Conclude project opening outreach and events

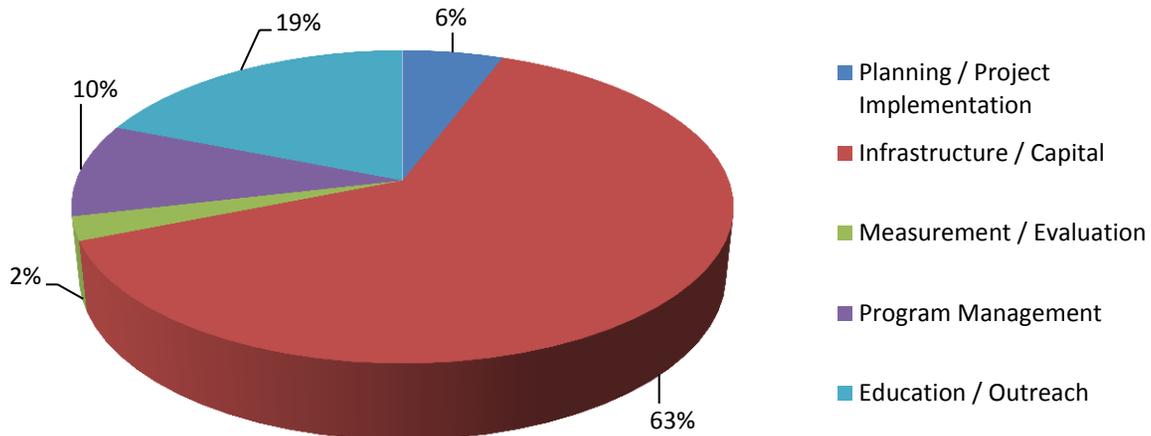
- Complete documentation and accountability of all aspects of the pilot, including MnDOT audit
- Development and implementation of plan to share pilot results
 - Final culminating event, e.g., bringing together leaders and stakeholders in project area to celebrate and share lessons learned and accomplishments
 - Presentation to key policy bodies and professional audiences, e.g., County Transportation Improvement Board, Transportation Advisory Board, Metropolitan Council, annual conference of the Center for Transportation Studies

Actual and Budgeted Expenses 2006 Through Pilot Conclusion

SAFETEA-LU 2006 - 2010		31,250,000
Federal Expenses		
Federal obligation Limit Reduction	3,142,188	
Cross-pilot contracts		
Communications	188,200	
Measurement	156,227	
Available to Minneapolis-area pilot		27,763,385
Awards		
Planning		535,000
Infrastructure/Operations		17,675,077
Education		2,038,000
Total Awards		20,248,077
TLC Management Contract		
<i>Program Management</i>		2,714,415
<i>Research, Planning, including Implementation of Funded Projects</i>		1,091,104
<i>Education, Outreach</i>		3,109,992
<i>Measurement/Evaluation</i>		529,701
<i>Special Projects(BWTC Bike Parking</i>		70,097
Total for program delivery including professional service contracts across all functions		7,515,308

Actual and Budgeted Expenses 2006 Through Pilot Conclusion

	2006 actual	2007 actual	2008 actual	2009 actual	2010 actual	2011 budget	2012 budget	2013 budget	Total
Total available from SAFETEA-LU	5,554,252	5,755,000	5,754,475	5,850,000	5,194,085				28,107,812
Planning / Project Implementation	32,957	589,959	26,515	2,184	92,989	301,000	505,000	75,500	1,626,104
Infrastructure / Capital	0	6,572,200	1,621,450	6,240,000	1,204,828	1,343,603	751,071	12,022	17,745,174
Education / Outreach	39,517	1,132,809	220,928	1,040,978	689,725	1,047,135	938,700	226,400	5,336,192
Measurement / Evaluation	127,151	43,247	83,431	90,679	88,470	90,450	122,000	40,500	685,928
Program Management (Professional Srvcs contracts, other direct expenses, administration)	178,632	487,353	581,155	561,758	378,067	221,000	209,950	96,500	2,714,415
Total	\$378,257	\$8,825,567	\$2,533,479	\$7,935,599	2,454,079	\$3,003,188	2,526,721	\$450,922	28,107,812



Tim Anderson
Highway Engineer
Federal Highway Administration

Date

Lynette Roshell
State Aid Project Development Engineer
Mn/DOT

Date

Dan Erickson
Federal Aid Engineer
Mn/DOT - Metro District State Aid

Date

Jon Wertjes
Director of Traffic & Parking Services
Minneapolis Department of Public Works

Date

Barb Thoman
Executive Director
Transit for Livable Communities

Date