

INFRASTRUCTURE / NONINFRASTRUCTURE APPLICATION

Wisconsin Safe Routes to School

Wisconsin Department of Transportation
DT2270 1/2008 s.1404 SAFETEA-LU



Instructions

Submit two complete sets of the application, including all support materials to Safe Routes to School Coordinator, Wisconsin Department of Transportation, PO Box 7913, Madison WI 53707-7913. If you have questions, please contact srts@dot.state.wi.us. The blank tables provide lines to complete this application by hand. If you are completing this application using a computer, please delete the blank tables so that you can insert paragraphs of information.

Type of Project Funding Requested

Infrastructure Only Non-Infrastructure Only Infrastructure and Non-Infrastructure

Name of Community / School / School District Applying for Planning Grant City of Milwaukee	Total Amount of Funding Requested \$90,000
Contact Name Jeffrey S. Polenske, P.E.	Title City Engineer
Contact Mailing Address 841 North Broadway, Room 920 Milwaukee, WI	Area Code – Telephone Number 414-286-2400
County Where Project Will Occur Milwaukee County	Contact E-mail Address Jeffrey.Polenske@milwaukee.gov

Proposed Improvements – Describe briefly – 50 words or less

The City of Milwaukee plans to install a traffic signal including all necessary pavement marking changes at the intersection of West Roosevelt Drive and North Teutonia Avenue to assist children crossing North Teutonia Avenue.

Please answer the following questions. Please limit your answers to 8 pages or less for questions 1-8.

1. Does your school or community have a Safe Routes to School Plan? If not, has your school undertaken other assessments? Please include the following as applicable: a) Web address where SRTS Plan or School Travel Plan can be viewed. If not available on the web then include one copy of the plan with your application materials. b) If you do not have a SRTS Plan or School Travel Plan is your community working on a SRTS Plan or applying for a SRTS Planning Grant? c) If you have not developed a SRTS Plan please describe what assessments from the Wisconsin Safe Routes to School Toolkit you have undertaken or identify other types of assessments that were undertaken.

2. What are the demographics for each school affected by the proposed program or project?

School Name Garden Homes School	School Population
Estimated Number of Students who currently walk and bike to school (If known)	Grades of Students at School
Walk Bike	
Percentage of students living within two miles of the school	Distance eligibility for riding a bus
Number of students eligible for busing because of hazard situation	Number of children not eligible for busing
Percentage of students eligible for free or reduced cost school meals	

School Name Garden Homes Montessori School	School Population
Estimated Number of Students who currently walk and bike to school (If known)	Grades of Students at School
Walk Bike	
Percentage of students living within two miles of the school	Distance eligibility for riding a bus
Number of students eligible for busing because of hazard situation	Number of children not eligible for busing
Percentage of students eligible for free or reduced cost school meals	

Please provide other demographic information about the community or school that you think would be pertinent.

N/A

3. What are the current conditions for bicycling and walking in your school area? (Photos may be used to illustrate the current situation.) Please include information on the following as applicable: What are the obstacles (physical or perceived) to walking and / or bicycling to and from your school? List any documented hazards such as accident data, traffic counts, community and school surveys or audits, speed surveys, and any other factors as appropriate. Show problems on included map as appropriate.

The existing cross section of North Teutonia Avenue is four lanes with parking lanes on both sides at West Roosevelt Drive. In addition, there are small median islands on North Teutonia Avenue at West Roosevelt Drive that provide inadequate pedestrian refuge (see aerial photos in Attachment A.) Due to the four lane pattern and high traffic volumes (ADT = 15,300), there are very few gaps in traffic for children crossing North Teutonia Avenue at West Roosevelt Drive. Based on traffic data gathered at the intersection, the installation of a traffic signal is warranted under Warrant 7 for crash experience (see Attachment B).

4. Describe your proposed project / activity. Detail how this project/activity will help to solve the concerns that were identified in question 3 as well as how the project will increase biking, walking and/or safety. Please include the following information as applicable: For infrastructure projects, describe the project and how it will change the built environment. For non-infrastructure projects, describe the activities and how they will change walking/bicycling or driver behavior attitudes. Describe how you plan to ensure the continued success of this project and Safe Routes to School.

The proposed installation of a traffic signal at the intersection of West Roosevelt Drive and North Teutonia Avenue will provide dedicated phasing to assist children crossing North Teutonia Avenue. The traffic signal will include pedestrian countdown timers to assist children cross North Teutonia Avenue safely, and reduce conflicts with vehicles to the extent possible. Lastly, pavement markings will be installed to clarify lane patterns on West Roosevelt Drive and crosswalks will be painted across West Roosevelt Drive.

5. What is your timeline from project / activity start to finish? Please attach a detailed timeline of each proposed project / activity.

It is anticipated that the project will be completed within one year of acceptance of funding of the grant.

6. Describe any existing or planned activities or projects at the affected school(s) that enhance biking or walking to school. These could be engineering changes already undertaken, encouragement or education events, classroom activities, enforcement or other items that make walking and biking easier, safer or a preferred transportation choice.

There are painted and signed school crossings across North Teutonia Avenue on both sides of West Roosevelt Drive. To the extent possible, adjoining traffic signals on North Teutonia Avenue have been timed to provide gaps in traffic for children crossing at West Roosevelt Drive.

7. What community/school support exists for SRTS, walking and biking? Please include information on the following as applicable: Who are your partners? Describe other programs/policies/funding sources that are related to SRTS that are ongoing in the school or community (e.g. Wellness Policy, Physical Activity policies or Green and Healthy Schools certification). Does the community/school have any policies that either limit or encourage biking and/or walking to school? If so, please list the policies. What policies does the community have that relate to the provision of sidewalks, paths, or other bicycle/pedestrian facilities?

The partners are the City of Milwaukee DPW, Milwaukee Police Department, Milwaukee Public Schools, and the Bicycle Federation of Wisconsin. The partners are committed to continuing their programs in the years to come.

8. How will you measure your success? Progress reports will be required quarterly once your project / activity is started. In addition, pre- and post-survey results using the Parent Survey and Student Tally record from the Wisconsin Safe Routes to School Toolkit will be required. Please describe any additional evaluation activities that you will undertake.

The City of Milwaukee will do crossing studies before and after installation of the signals.

9. What is the total cost for all projects or activities for which you are requesting funding? Include a detailed budget (maximum 2 pages) showing requested costs. Please include the following as applicable.

Design	<i>\$25,000</i>
Real Estate Acquisition	<i>\$0</i>
Construction	<i>\$65,000</i>
Equipment Purchase	<i>\$0</i>
Other	<i>\$0</i>
Total Cost	<i>\$90,000</i>

10. Please provide a map of the school and surrounding area within an approximate 2-mile radius. For infrastructure projects note the location where the project will take place. Drawings or other exhibits may be provided to further clarify infrastructure projects. (Please ensure that the map is readable when copied in black and white.)

A map of all schools within 2 miles of the project location is provided in Attachment C.

Please confirm your understanding of the following project conditions by signing at the bottom:

Project Conditions Confirmation

This is a reimbursement program. The sponsor must finance the project until federal reimbursement funds are available.

The sponsor must fund project costs in excess of the amounts indicated in the attached budget (i.e., cost overruns) at no expense to state/federal funding sources.

The sponsor must not incur costs for any phase of the project, until that phase has been authorized for federal charges. Otherwise, the sponsor risks incurring costs that will not be reimbursable.

The sponsor will follow the applicable federal and state regulations required for each phase of the project. The requirements include but are not limited to the following: Qualifications Based Selection process for design and engineering services (Brooks Act); Real estate acquisition requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 and amendments; Competitive procurement of construction services; Davis-Bacon wage rates on federal highway right-of-way projects; WisDot FDM & Bicycle Facilities Handbook; ADA/ADAG regarding accessibility for the disabled; Manual of Uniform Traffic Control Device regarding signage and markings. Infrastructure projects such as sidewalks and paths will need to be maintained for winter use.

The sponsor agrees to maintain any infrastructure project for its useful life. Failure to maintain the facility improved with FHWA funds prior to the end of its useful life, will subject the sponsor to partial repayment of federal funds or various stipulations protecting the public interest in the project for its useful life.

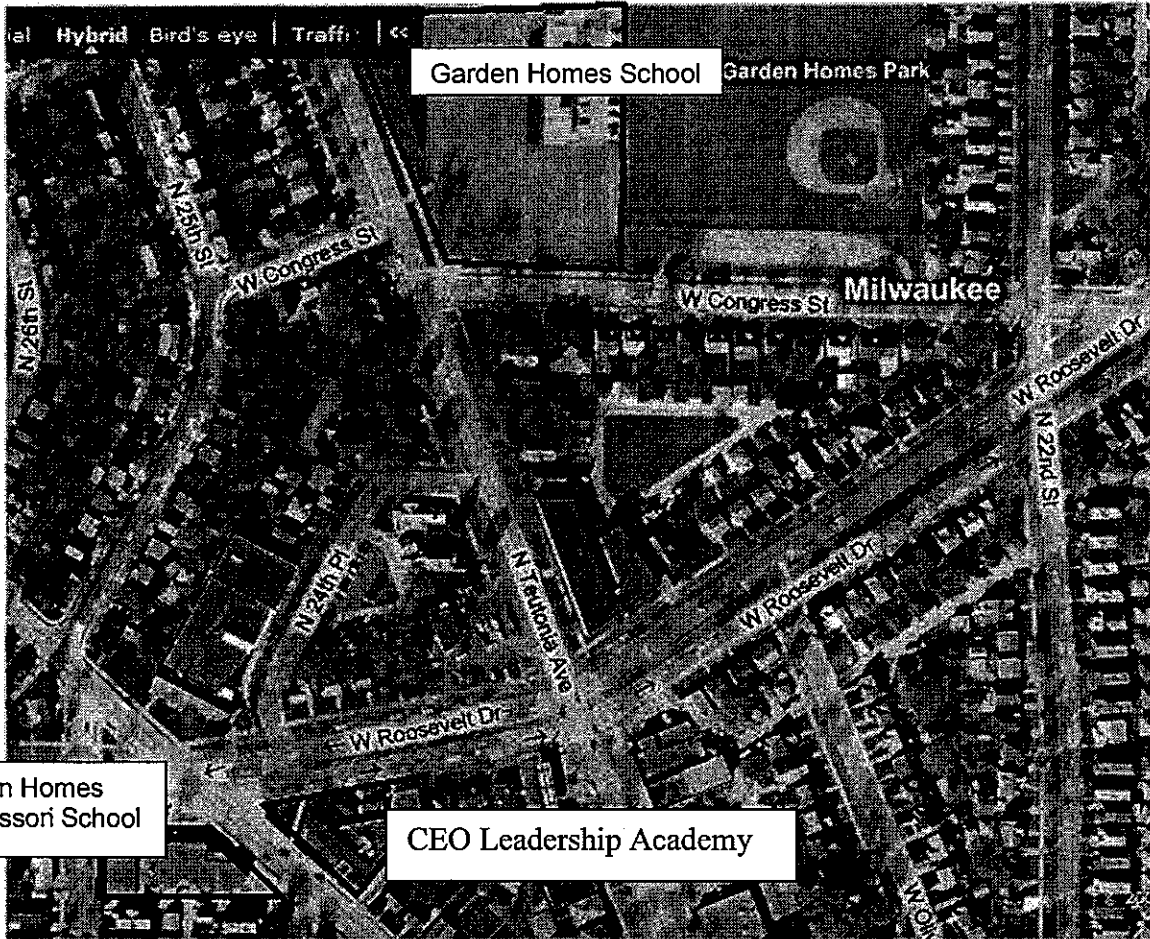
(Signature of Person Submitting Application)

(Date)

City Engineer

(Title of Person Submitting Application)

**ATTACHMENT A
AERIAL PHOTOGRAPHS**





CITY OF MILWAUKEE – DEPT. OF PUBLIC WORKS
SAFE ROUTES TO SCHOOL APPLICATION – W. ROOSEVELT DR. AND N. TEUTONIA AV.

**ATTACHMENT B
SIGNAL WARRANT**

WARRANT ANALYSIS

MAJOR ST: N. TEUTONIA AV.
 MINOR ST: W. ROOSEVELT DR.

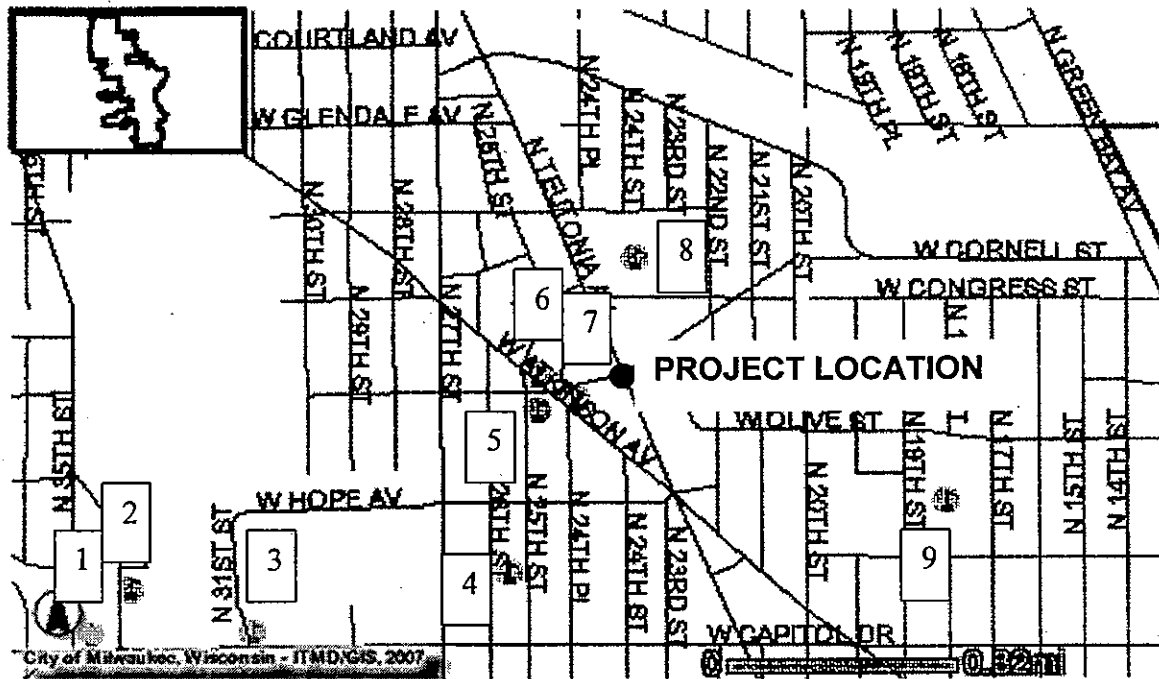
NO. OF LANES: 2
 NO. OF LANES: 1

NO.	TITLE									MET?
1	EIGHT-HOUR VEHICULAR VOLUME									NO
	CONDITION A:	MAJOR:	<u>600</u>	MINOR:	<u>150</u>					
	or CONDITION B:	MAJOR:	<u>900</u>	MINOR:	<u>75</u>					
	or COMBINATION:	MAJOR:	<u>480</u>	MINOR:	<u>120</u>					
		and MAJOR:	<u>720</u>	MINOR:	<u>60</u>					
2	FOUR HOUR VEHICULAR VOLUME									NO
	FIGURE 4C-1									
3	PEAK HOUR									NO
	FIGURE 4C-3									
7	CRASH EXPERIENCE	80 % of CONDITION A:	<u>NO</u>							YES
		or 80 % of CONDITION B:	<u>YES</u>							
	NO. OF CORRECTABLE REPORTABLE CRASHES		<u>8</u>							

TIME	MAJOR ST			MINOR ST		Warrant 1				Warr 2	Warr 3
	NB	SB	TOTAL	EB	WB	A	B	80% A	80% B		
MID	123	155	278	35	24						
1	99	86	185	18	15						
2	66	64	130	12	12						
3	39	47	86	15	10						
4	51	48	99	11	11						
5	85	100	185	29	21						
6	162	213	375	49	50						
7	210	448	658	159	115	X		X			
8	283	421	704	112	118			X	X		
9	310	399	709	67	65				X		
10	348	419	767	71	66				X		
11	374	462	836	63	59				X		
NOON	427	505	932	79	84		X		X		
1	410	497	907	80	88		X		X		
2	449	502	951	98	116		X	X	X		
3	537	584	1121	152	136	X	X	X	X	X	
4	533	578	1111	128	143	X	X	X	X	X	
5	559	604	1163	137	118	X	X	X	X	X	
6	448	531	979	103	119		X	X	X		
7	380	437	817	80	77				X		
8	366	359	725	67	54				X		
9	329	344	673	66	58						
10	247	291	538	50	63						
11	191	207	398	43	33						
TOTAL	7026	8301	15327	1724	1655						
COUNT #	54008	54008		55318	55319						
DATE	8/16/04	8/16/04		2/6/06	2/6/06						

BY: JCB
 DATE: 2/16/2006

**ATTACHMENT C
2 MILE RADIUS SCHOOL MAP**



School Key:

1. LaBrew Troopers Military University School (Private)
2. Southeastern Educational Center (Partnership)
3. Cornerstone Achievement Academy (Partnership)
4. Believers in Christ Christian Academy (Private)
5. Garden Homes Montessori ECC (Public)
6. Garden Homes Lutheran School (Private)
7. CEO Leadership Academy (Private)
8. Garden Home Community School (Public)
9. Rufus King International Baccalaureate High School (Public)