



Minnesota Department of Transportation
SAFE ROUTES TO SCHOOL
 2011 INFRASTRUCTURE GRANT APPLICATION



1. CONTACT INFORMATION
Refer to guidance

1A. Applicant:

1st Name Last
 Organization Title
 Address:
 City State Zip
 Phone Number Email

1B. Sponsor

1st Name Last
 Organization Title
 Address:
 City State Zip
 Phone Number Email

1C. MPO

1st Name Last
 Organization Title

2. BACKGROUND
Refer to guidance

2A. Location

City County Mn/DOT District

2B. Brief project description (infrastructure)

2C. Project Cost SRTS Funding Request Total Project Cost

2D. School(s)

School Name	Student Pop	Grades	Students to Benefit
Westwood Intermediate	768	4-5	100
Westwood Middle	1,010	6-8	100

2E. Roadway Information

Roadway Name	Road Authority (town, city, county, state)	Contact Person
91st Avenue NE	City of Blaine	Jean Keely, City Engineer
Jackson Street NE	City of Blaine	Jean Keely, City Engineer



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3A. Provide a brief description of the current condition and identify problems, risks and obstacles that impede safe travel to school. Explain how the problems were identified and summarize relevant supporting documents (relevant planning documents, maps, surveys, and/or crash data) that demonstrates need. Attach at least 1 map per location that identifies routes to school and problem areas.

The City of Blaine, in partnership with Spring Lake Park Schools, is seeking to address two important gaps in the safe walking and biking routes for Westwood Intermediate School and Westwood Middle School, the only schools serving grades 4 to 8 in the district. Combined, the schools have more than 1,700 students and the potential of over 200 walkers or bikers. The Westwood Schools are tucked into a primarily residential neighborhood. The combined campus has only one driveway which exits on 91st Avenue and accommodates all buses in addition to parents, teachers and staff. This results in 91st Avenue being the sole route for all vehicular traffic, as well as the bikers and walkers who travel to the school from the south and east. 91st Avenue is 30 feet wide with a bike lane striped on the north side. With no sidewalk, students must walk in the street. Some students choose to use the bike lane, however, since the lane is only on the north side of the street, this creates a dangerous situation when students are in the bike lane rather than walking on the side of the street facing traffic. The other street of concern is Jackson Street, which extends south from 91st Ave. just east of the school entrance. This street is 28 feet wide and has no striped bike trail or sidewalk. Students must walk in the street to reach 91st Avenue. In addition to residential properties, Jackson Street is also the location of a driveway for St. Timothy's Church so there is additional traffic that students must navigate for the commute to or from school. The City of Blaine and Spring Lake Parks Schools have been seeking funding for these important sidewalk gaps for a few years, including two previous Safe Routes to School applications. A renewed interest in addressing this safety gap was prompted by the submission in the fall of 2010 of a petition signed by 84 students from Westwood Middle School who requested the installation of a sidewalk on 91st Avenue to provide a safer route to school. (Attached)

In May 2011 the City gathered speed and traffic counts around the Westwood School Campus to assess the current risks for walking and biking to school. The 48-hour traffic counts conducted by the Blaine Engineering Department found that on 91st Avenue east of the school entrance the average daily traffic count was 2,378 with a morning peak volume of 452. West of the school entrance the average daily traffic count was 1,207 with a morning peak volume of 192. On Jackson Street, approximately 650 feet south of 91st Avenue, the average daily traffic count was 1,225. The Blaine Police Department also used a "smart" trailer to study the speed traveled on the streets. The study revealed that the 85th percentile speed during the time was 29 mph for both streets with a maximum speed of 55 mph on 91st and 41 mph on Jackson Street. Speed Limits on both streets are 30 mph. A review of accident data from the Blaine Police shows that in the last three (3) years there were seven (7) accidents on 91st Avenue and Jackson Street in the project area.

Creating a safe route for walking and biking to the Westwood Schools Campus on 91st Avenue and Jackson Street is a priority identified by the City, School District, neighborhood, and students themselves. The lack of an off road walkway increases the likelihood that parents will choose to drive students rather than let them walk. This not only decreases air quality but denies students a healthy lifestyle.

3. PROJECT INFORMATION



Minnesota Department of Transportation
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3. PROJECT INFORMATION

3B. Describe the proposed infrastructure project and how it addresses the problems in question 3A. Provide information on the constructability of the infrastructure and provide any typical sections or plans if applicable.

In order to provide a safe off-road route to the Westwood Schools Campus for students walking or biking to school, this project seeks to construct two sidewalks. The first will extend on the south side of 91st Avenue from Polk Street to Jefferson Street, while the second will extend on the west side of Jackson Street from 91st Avenue to 89th Avenue. On both streets, the six foot wide sidewalk will be constructed using a four inch concrete section within the existing right-of-way.

The design of the sidewalk and crosswalks will be in compliance with MNDOT and ADA standards. This includes handicap ramps meeting MNDOT standard plate 7036G with truncated domes. Existing driveways will be saw cut and the walk will be extended through the drives. Project will be in compliance with NEPA with minor impacts to the environment. Care will be taken to remove only necessary vegetation, bending the sidewalk if needed to avoid existing trees. All construction will be within existing public right-of-way and no water resources will be impacted. The contract will include sediment control during construction and the boulevard will be restored. When possible, the sidewalk will be constructed within the boulevard one foot from the property line in order to leave a grassy strip approximately eight feet wide between the pedestrians and vehicular traffic.

Once the safe route to school is established, the existing signage will be evaluated to ensure compliance with MNDOT standards. It is anticipated that additional signage will be installed to make sure there is sufficient signage for school advance warning and school crosswalks. Faded and worn signs will be replaced to ensure the entire route is providing the maximum amount of safety for students.

The City and School reviewed the school campus and surrounding neighborhood as part of the previous Safe Routes to School Grant application and found the primary gaps were sidewalk connections to the south and east of the school campuses. The school has modified there driveway entrance and campus to ease congestion and improve safety. This application seeks to build on that improvement by constructing a sidewalk on 91st Avenue. Placing the sidewalk on the south side of the street is preferred for safety reasons as it reduced the number of locations students will cross 91st Avenue to one - the driveway to the schools. Staff also reviewed the potential location of a north-south route. Jackson Street was chosen because of its proximity to the school campus entry.

The construction of a sidewalk on 91st Avenue and on Jackson Street will encourage walking and biking as there is now a safe route that does not involve traveling on the street. Parents will no longer have to be concerned about traffic volumes, or as noted in the school petition, how the street becomes narrowed during winter due to snow. In addition to providing the preliminary and construction engineering for the project, the City of Blaine will assume maintenance of the new sidewalk. This will include providing snow removal during the winter months. As the sidewalk is part of the school walking area, it will be a priority in the City's snow removal system.



Minnesota Department of Transportation
SAFE ROUTES TO SCHOOL
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4. PARTNERSHIP

Information about SRTS partnerships. Who and what organizations are participating in the planning, coordinating, and monitoring of the project to ensure its success? Provide a letter of concurrence or agreement from each partner that describes their role and responsibilities.

1. Westwood Middle School ISD 16	5.
2. Westwood Intermediate School ISD 16	6.
3. City of Blaine	7.
4.	8.

5. PROJECT TIMELINE

Use the Project Authorization Guide to plan out the project timeline

Date	Milestone
10/15/2011	Submit Before - SRTS parent survey and in-class student tally*
	FHWA authorization to proceed with design (1-3 weeks)
	All NEPA requirements met (1-2 months)
	Prepare construction documents (hire professional assistance if necessary).
01/30/2012	Agreement between Mn/DOT and the Sponsor prepared(1-2 months)
04/01/2012	Obtain necessary permits.
04/15/2012	Submit construction documents to DSAE for approval.
	Plan approval by DSAE and SALT.
	FHWA authorization to proceed with construction. (1-3 weeks)
05/15/2012	Project let by competitive bid DCP process. (min 5 weeks)
	Award Contract
06/15/2012	Project work commences.
08/30/2012	Project work completed.
09/30/2012	Submit After - SRTS parent survey and in-class student tally*
10/30/2012	Project bills submitted to District State Aid Engineer
06/15/2013	Project inspected and closed out. (Completed by 12/31/2013)

*Parent survey and in-class student tally should be collected and submitted to the National Center for SRTS before any SRTS project activities take place and after the project is completed.

6. PROJECT COSTS

Use the form below to breakdown the major costs of the project and attach a document with detailed cost breakdowns. A sample is provided in the application guide.

Estimated Costs				
Item	Quantity	Unit	Unit Cost	Requested SRTS Funds
Pre-Construction				
Preliminary Design	1.00	Lump Sum	10,000.00	0.00
Planning	0.00	Lump Sum	0.00	0.00
All Other	500.00	Lump Sum	1.00	500.00
Construction				
Construct Engineering	1.00	Lump Sum	10,000.00	0.00
All Other	201,925.70	Estimate	Estimate	201925.70

SRTS is a reimbursable program therefore funds requested must be available upfront for use on the project then reimbursed through invoices during the course of the project.

Total 202425.70



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7. EVALUATION

The school(s) benefiting from the program is(are) required to collect data before and after the SRTS program using the National Center for Safe Routes to School student travel tally and parent survey. Applicants will be disqualified if the school does not participate in the surveys. Please check the box below to indicate your intent.

- Yes, the school(s) understand and agree to conduct the surveys
- No, the school(s) will not agree to conduct the surveys

8. REQUIRED SIGNATURE

Signature

Applications must be signed and reviewed by an authorized representative of the applicant. By signing this document, the applicant affirms that the statements contained in the application package are true and complete to the best of the applicant's knowledge and assumes responsibility for securing the necessary permits and following all Federal, Mn/DOT, and State Aid design standards.

Applicant Signature (required)

Daniel Schluender

6.13.11

Name

Date

Filing Instructions

The 2011 SRTS Application Form is a Formatta form and is designed to be completed on your local workstation. The procedure is to download the form and instructions from the Mn/DOT Safe Routes To School website <http://www.dot.state.mn.us/saferoutes/index.html> and save it to your local system. You will also need a small, free application called 'Filler' that allows you to open and complete the form. Filler is available here: <http://www.dot.state.mn.us/stateaid/formatta/FillerSetupNR.exe>. As you download Filler, accept the License Agreement. Accept the Default Destination Location. After the software installs a blank Registration form appears. Ignore this form by clicking the X to close. You will only need to download and installed filler once for each workstation.

Please try to be brief and concise when completing the application. Do not include non-relevant information or attachments.

When the electronic application is completed please ensure that you have saved it to your local drive or server. Print the application and sign and date on the signature line above. Send the completed electronic application attached to an e-mail to SafeRoutes.DOT@state.mn.us

Use the US mail to send 5 copies of the printed application, maps, letters of concurrence, letters of support and other relevant attachments to:

Mao Yang
Mn/DOT State Aid Division
395 John Ireland Blvd, Mail Stop 500
St. Paul, MN 55155

Electronic and paper copies of the applications are due to Mn/DOT State Aid Division by June 15, 2011 at 4:30 PM CDT.

If you have questions about the program or application please submit them to:
SafeRoutes.DOT@state.mn.us
or call 651-366-3827

INDEX OF ATTACHMENTS

Westwood Middle School Student Petition
Issues and Opportunities Map
Proposed Improvements Area Map
Proposed Improvements Detail Maps
Site Photos
Letter of Concurrence from Schools
Letter of Concurrence from City of Blaine
City of Blaine Council Resolution
Detailed Cost Breakdown
Typical Sections
Letter to Metropolitan Planning Organization

9019 Tyler St NE
Blaine, MN 55434

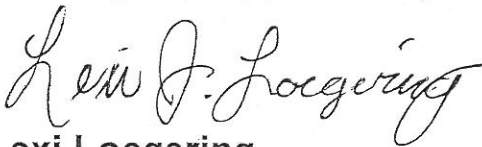
October 10th 2010

Mr. Wes Hovland
Council Member District #1
City of Blaine
10801 Town Square Drive NE
Blaine , MN 55449

Dear Mr. Hovland,

Hello , my name is Lexi Loegering. I am a 6th-grader at Westwood Middle School and I live at 9019 Tyler St. NE. This is the 3rd year that I have been walking to school, and I am concerned about the traffic on 91st Ave when I walk to and from school. The cars drive by at a fast rate of speed, and there is very heavy traffic during those times of the day when the kids are walking. I am mostly concerned in the winter time when the snow builds up and narrows the road increasing the potential of someone getting hit by a vehicle. For the safety of the children, I and many others would like the city of Blaine to consider adding sidewalks to 91st Ave from Polk St. to Jefferson St.

Thank you, I appreciate your time and consideration.



Lexi Loegering
Blaine resident, Westwood Middle School student

Enclosure

Sign this Petition if you would like to see a sidewalk put in on 91st Ave from Polk St to Jefferson St.

1. Lexi Loegering.
2. ~~Elissa Loegering~~
3. ~~Lexi~~
4. Elissa Loegering
5. Emily Loegering.
6. Lexi Peterson
7. ~~John~~
8. Natalie Borene
9. Mallory Carrigan
10. Jasz Rickenbach
11. Pilar ONSTAD
12. Santiago Cortes
13. Gaochoua Vang
14. Kathryn
15. Juan
16. Makenzie
17. Maria Zangano. P
18. Ginalao
19. Alejandra Morales
20. Gustavo Plata
21. Brent Landrum
22. Antonio Williams
23. Layton
24. Jeremiah Rollesch
25. Drew Swenson
26. Elijah Piacop
27. Anthony Brabe

- 27. Patrice Magata
- 28. Madi Noyes
- 29. Sammy ☺
- 30. Sarah
- 31. Jacob ♂
- 32. Emma
- 33. Ashley
- 34. Dorothy Williams
- 35. ~~Josh Buehl~~
- 36. Cherish Curry
- 37. Sierra Flowers
- 38. Josh, Olivia
- 39. Deven Engelsen
- 40. ~~Nick~~
- 41. ~~Angel Ben~~
- 42. Alejandro
- 43. ~~[Signature]~~
- 43. Malacra Aguila
- 44. Mark Boley
- 45. Fodde Lago 11
- 46. Sam Symon Kywicz
- 47. MAX, PETERSON
- 48. Devin Robinson
- 49. Zane Marcotz
- 50. ~~Andy~~
- 50. ~~[Signature]~~
- 52. ~~David~~

Wahewa d

- ~~55~~ Walsever Alexander
- ~~56~~ Jordan Olchefske
- ~~57~~ Grant Thompson
- 56 ~~65~~ Kate Rodriguez
- 57 ~~66~~ Skylar Regel
- 58 ~~67~~ Quinn Davis
- 59 ~~68~~ Chris Carpenter
- 60 ~~69~~ Peter Enstrom
- 61 ~~70~~ Madie Beaty
- 62 ~~71~~ Kelly Jones
- 63 ~~72~~ Kelsey Mitchell
- 64 Kelly Fick
- 65 Taylor Bauer
- 66 Tenzin Chonyi
- 67 Jay Zondag

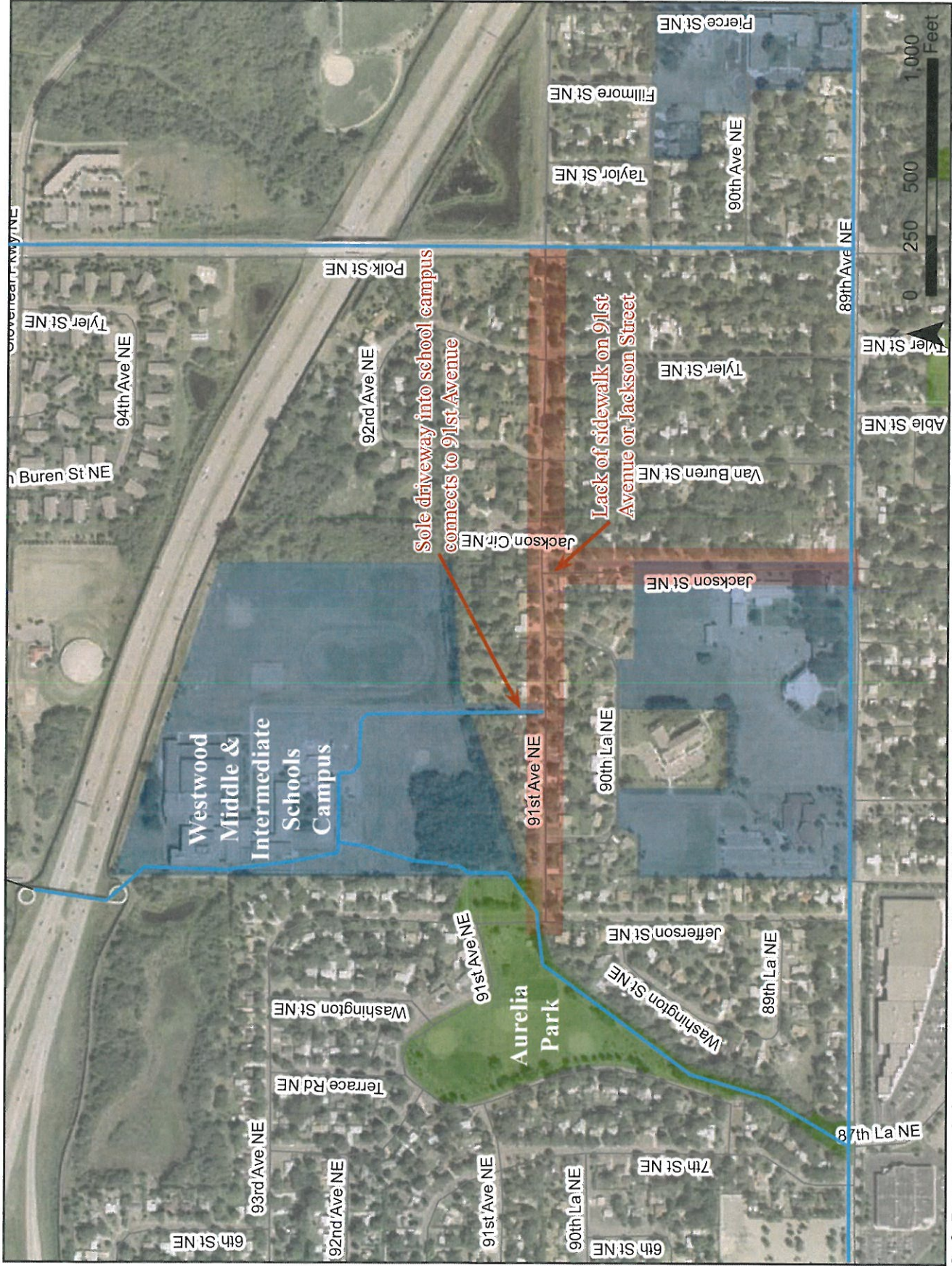
MAMA WIF

A Sister's Heart

- 68 Dakotah Greeninger
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- 72 Giselle Alvarez
- 73 Jesus Rodrigue
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77 MOHAMED
ALBATTAH

-
- ~~Kamren~~
 - 78 Kamren Jensen
 - 79 Ally Rogers
 - 80 Mykenna Hanson
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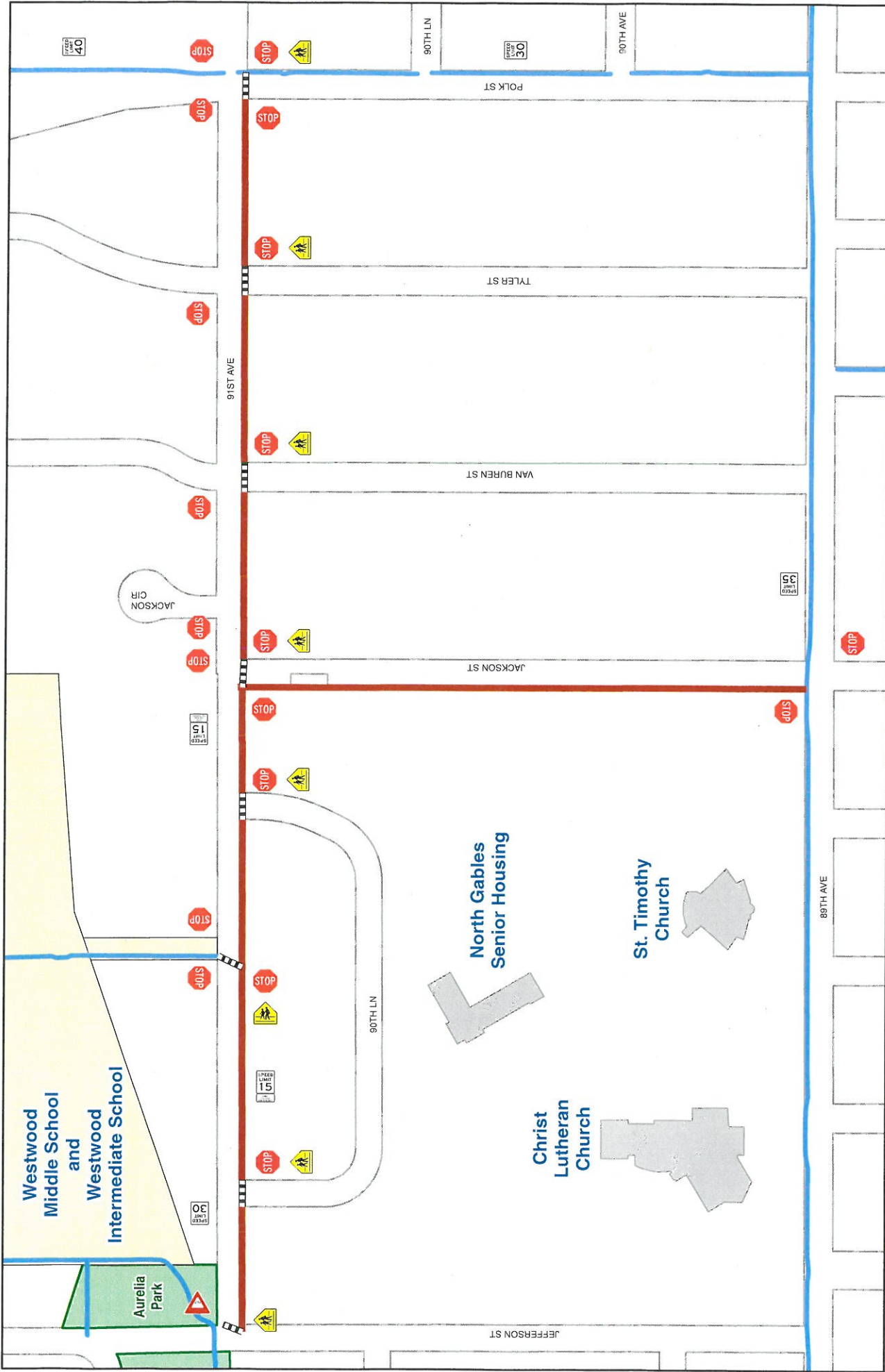
Safe Routes to School
 City of Blaine and ISD #16

Existing safe routes to school

Issues and Opportunities

Sole driveway into school campus connects to 91st Avenue

Lack of sidewalk on 91st Avenue or Jackson Street



Proposed Safe Routes to School Project

City of Blaine - ISD #16

- Legend**
- Crosswalks
 - Proposed Sidewalks
 - Existing Sidewalks and Trails
 - Building Footprints
 - Educational Property
 - City Park

Exhibit C

Map Created by: City of Blaine GIS
 Map Date: June, 2011.

This map is a representation of the current conditions of the City of Blaine. It is not intended to be used as a legal document. The City of Blaine is not responsible for any errors or omissions on this map. The City of Blaine is not responsible for any damages or injuries resulting from the use of this map. The City of Blaine is not responsible for any actions taken based on this map. The City of Blaine is not responsible for any actions taken based on this map.

0 150 300 600 Feet

SCALE 1"=100'

WESTWOOD
SCHOOLS
CAMPUS



SEE SHEET 2

WESTWOOD SCHOOL
ENTRANCE DRIVE

SHEET 1

EXISTING RIGHT OF WAY

91ST AVENUE

EXISTING RIGHT OF WAY

MADISON ST

91ST AVENUE

EXISTING TRAIL

CITY PARK

JEFFERSON ST



Proposed Crosswalk



Proposed sidewalk

ENGINEERING DEPARTMENT

10801 Town Square Dr., N.E. Blaine, Minnesota 55449

Phone (763) 784-6700



SAFE ROUTES TO SCHOOL

91st AVENUE NE

PROPOSED SIDEWALK

SCALE 1"=100'



WESTWOOD SCHOOL
ENTRANCE DRIVE

SEE SHEET 1

JACKSON CIR

SEE SHEET 3

91ST AVENUE

91ST AVENUE

QUINCY BLVD

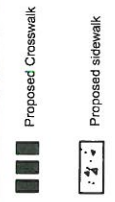
SEE SHEET 5

JACKSON ST

SHEET 2



ENGINEERING DEPARTMENT
10801 Town Square Dr., N.E. Blaine, Minnesota 55449
Phone (763) 784-6700



SAFE ROUTES TO SCHOOL 91st AVENUE NE PROPOSED SIDEWALK

SCALE 1"=100'



SHEET 3

SAFE ROUTES TO SCHOOL
91st Avenue NE
PROPOSED SIDEWALK

Proposed Crosswalk

Proposed sidewalk

ENGINEERING DEPARTMENT
10801 Town Square Dr., N.E. Blaine, Minnesota 55449
Phone (763) 784-6700



SCALE 1"=100'



SEE SHEET 3

SHEET 4

SAFE ROUTES TO SCHOOL 91st Avenue NE PROPOSED SIDEWALK



Proposed Crosswalk



Proposed sidewalk

ENGINEERING DEPARTMENT

10801 Town Square Dr., N.E. Blaine, Minnesota 55449

Phone (763) 784-6700





SCALE 1"=100'

QUINCY BLVD

91ST AVENUE

JACKSON ST



ST TIMOTHY CHURCH

JACKSON ST

SEE SHEET 6

SHEET 5

**SAFE ROUTES TO SCHOOL
JACKSON STREET NE
PROPOSED SIDEWALK**

Proposed Crosswalk

Proposed sidewalk

ENGINEERING DEPARTMENT
10801 Town Square Dr., N.E. Blaine, Minnesota 55449
Phone (763) 784-6700



SCALE 1"=100'

ST TIMOTHY CHURCH



SEE SHEET 5

JACKSON ST

EXISTING TRAIL

89TH AVENUE

SHEET 6

SAFE ROUTES TO SCHOOL JACKSON STREET NE PROPOSED SIDEWALK



Proposed Crosswalk



Proposed sidewalk

ENGINEERING DEPARTMENT

10801 Town Square Dr., N.E. Blaine, Minnesota 55449

Phone (763) 784-6700



City of Blaine – Spring Lake Park School District
Safe Routes to School Application 2011



91st at Polk Looking to east



91st just west of Polk looking west

City of Blaine – Spring Lake Park School District
Safe Routes to School Application 2011



91st looking west at Tyler



91st looking west at Jackson Circle

City of Blaine – Spring Lake Park School District
Safe Routes to School Application 2011



91st at Jackson St looking east



91st at Westwood School entrance looking west

City of Blaine – Spring Lake Park School District
Safe Routes to School Application 2011



Westwood School entrance looking south to 91st Ave

WESTWOOD INTERMEDIATE SCHOOL



BLAINE
SPRING
LAKE
PARK
FRIDLEY

June 2011

To Whom It May Concern:

This letter is in support of the Blaine application for the Safe Routes to School Program.

Westwood Intermediate School and Westwood Middle School are located in the city of Blaine. The two schools share one campus. Currently, we would have over 200 students walking to and from school on a daily basis. With the safe sidewalk this would be possible.

As a school district we are in support of any endeavors that would positively affect the safety of our students. We are willing participants in the grant and would assist in conducting the surveys requested as well as work with the city to partner in the Safe Routes to School.

Sincerely,

Tom Larson
Principal
Westwood Intermediate School

Paula Hoff
Principal
Westwood Middle School



City of Blaine

10801 Town Square Drive NE
Blaine, MN 55449-8101
www.ci.blaine.mn.us

June 10, 2011

Mao Yang
Safe Routes to School Coordinator
State Aid Division Transportation Building
395 John Ireland Building, Mail Stop 500
St. Paul, MN 55155

RE: Letter of Concurrence for Safe Routes to School Grant Program

Dear Mao Yang:

The City of Blaine is the roadway authority for the streets affected by the application for grant funding for sidewalk improvements on the following streets:

- 91st Avenue from Polk Street to Jefferson Street NE
 - 2 lane residential street with 6 foot parking lane width; 30 mph; average daily traffic 2378
- Jackson Street from 89th Avenue to 91st Avenue NE
 - 2 lane residential street with 6 foot parking lane width; 30 mph, average daily traffic 1207

The City of Blaine is supportive of the School District's desire to enhance safety for children as they travel to and from Westwood Middle and Intermediate Schools and concurs with the placement of sidewalk in these locations. The City is prepared to act as the sponsor and fiscal agent for the project and will ensure that the project be completed in accordance with state and federal regulations. As City Engineer, I have reviewed the application and my department will provide the design engineering drawings and construction inspection. The City of Blaine will assume maintenance of the sidewalk improvements after the project is complete.

In addition to this letter a resolution by the Blaine City Council is attached to this application in support of the proposed project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jean Keely", is written over a light blue circular stamp.

Jean Keely, PE
City Engineer

STATE OF MINNESOTA)
COUNTIES OF ANOKA & RAMSEY)
CITY OF BLAINE)


CERTIFICATE OF CLERK

I, the undersigned, City Clerk of Blaine, Minnesota, hereby certify that the copy of the resolution attached hereto entitled:

**RESOLUTION NO. 11-63
AUTHORIZE SAFE ROUTES TO SCHOOL GRANT APPLICATION
TO THE MINNESOTA DEPARTMENT OF TRANSPORTATION**

is a true and correct copy of the original resolution adopted by the City Council of the City of Blaine on file in my office.

WITNESS my hand this 10th day of June, 2011.



Jane M. Cross, CMC, City Clerk

Drafted by:



City of Blaine
10801 Town Square Drive NE
Blaine, MN 55449

CITY OF BLAINE

RESOLUTION NO. 11-63

**AUTHORIZE SAFE ROUTES TO SCHOOL GRANT APPLICATION
TO THE MINNESOTA DEPARTMENT OF TRANSPORTATION**

WHEREAS, an estimated \$4.2 million dollars has been authorized for Minnesota's Safe Routes to School Program in the Continuing Resolution for the Federal Transportation Bill, SAFETEA-LU, to improve the conditions and quality of bicycling and walking to school; and

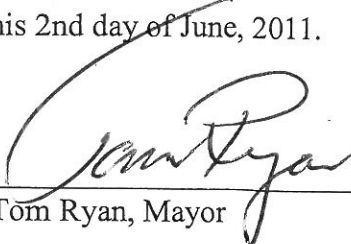
WHEREAS, the State of Minnesota Department of Transportation (Mn/DOT) is accepting grant applications for authorized funds; and

WHEREAS, the City of Blaine has identified needs for enhancements to the walking routes for local schools.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Blaine as follows:

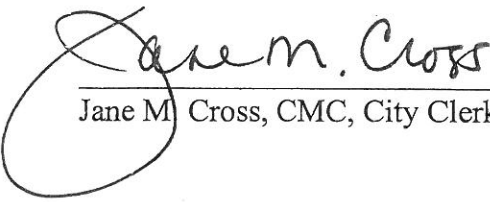
1. The City Council hereby supports this application to Mn/DOT for consideration of the Safe Routes to School Grant funds.

PASSED by the City Council of the City of Blaine this 2nd day of June, 2011.



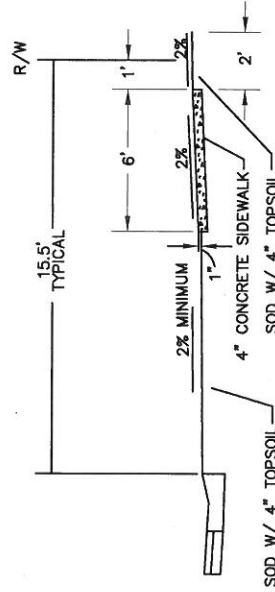
Tom Ryan, Mayor

ATTEST:



Jane M. Cross, CMC, City Clerk

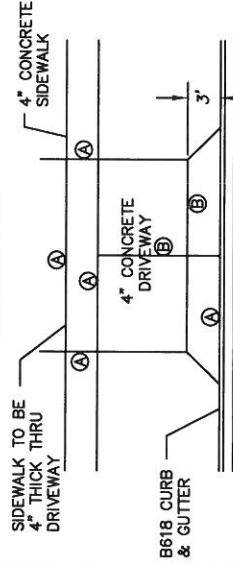
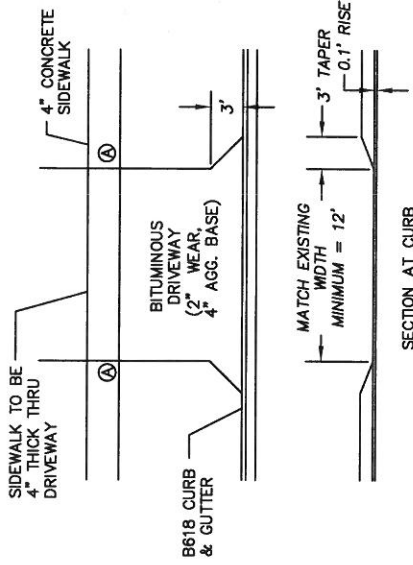
ESTIMATED COST				
City of Blaine/ISD 16				
SAFE ROUTES TO SCHOOL				
ITEM	QUANTITY	UNIT	UNIT COST	REQUESTED SRTS FUNDS
PRE CONSTRUCTION				
PRELIMINARY ENGINEERING	1	LUMP SUM	\$10,000.00	\$0.00
ALL OTHER				
BEFORE/AFTER SURVEYS INCLUDING POSTAGE	1000	EACH	\$0.50	\$500.00
CONSTRUCTION				
CONSTRUCTION ENGINEERING	1	LUMP SUM	\$10,000.00	\$0.00
ALL OTHER				
91st Avenue Sidewalk				
MOBILIZATION	1	LUMP SUM	\$250.00	\$250.00
CLEARING AND GRUBBING	1	LUMP SUM	\$1,500.00	\$1,500.00
COMMON EXCAVATION	5022	CY	\$6.75	\$33,898.50
4" CONCRETE WALK	15840	SF	\$3.40	\$53,856.00
6" CONCRETE WALK AT DRIVES	4194	SF	\$4.40	\$18,453.60
STORM DRAIN INLET PROTECTION	2	EACH	\$50.00	\$100.00
SODDING W/4" TOPSOIL	2790	SY	\$3.00	\$8,370.00
SILT FENCE	2790	LF	\$2.00	\$5,580.00
REMOVE CURB AND GUTTER	240	LF	\$25.00	\$6,000.00
INSTALL HANDICAP RAMP	11	EACH	300.00	\$3,300.00
INSTALL TRUNCATED DOME SECTION	96	SF	28.00	\$2,688.00
CROSS-WALK MARKING EPOXY	720	SF	25.00	\$18,000.00
FURNISH AN INSTALL PANEL TYPE C SIGN	80	SF	39.00	\$3,120.00
TOTAL COST				\$155,616.10
Jackson Street Sidewalk				
ALL OTHER				
MOBILIZATION	1	LUMP SUM	\$250.00	\$250.00
CLEARING AND GRUBBING	1	LUMP SUM	\$1,000.00	\$1,000.00
COMMON EXCAVATION	2368	CY	\$6.75	\$15,984.00
4" CONCRETE WALK	6276	SF	\$3.40	\$21,338.40
6" CONCRETE WALK AT DRIVES	53	SF	\$4.40	\$233.20
STORM DRAIN INLET PROTECTION	2	EACH	\$50.00	\$100.00
SODDING W/4" TOPSOIL	1276	SY	\$3.00	\$3,828.00
SILT FENCE	1276	LF	\$2.00	\$2,552.00
REMOVE CURB AND GUTTER	20	LF	\$25.00	\$500.00
INSTALL HANDICAP RAMP	1	EACH	300.00	\$300.00
INSTALL TRUNCATED DOME SECTION	8	SF	28.00	\$224.00
TOTAL COST				\$46,309.60
TOTAL SIDEWALK CONSTRUCTION				\$201,925.70
GRAND TOTAL SRTS REQUESTED FUNDS				\$202,425.70



NOTES:

1. INCREASE SIDEWALK THICKNESS THROUGH EXISTING DRIVEWAYS TO 6" MINIMUM.
2. SEE MNDOT STANDARD PLATE 7035 FOR JOINT INFORMATION.
3. SEE DETAIL ST-17 FOR PED RAMP

Date: 4/16/10 TYPICAL SIDEWALK Plate No. ST-15



NOTES: MINIMUM 4" THICK CONCRETE OR MATCH EXISTING. REFER TO MNDOT STANDARD PLATE 7035 FOR MORE INFORMATION REGARDING JOINT CONSTRUCTION.
 A - EXPANSION JOINT B - CONTRACTION JOINT
 SEE CS-4 & CS-5 FOR DRIVEWAY WIDTH.

RESIDENTIAL DRIVEWAYS Plate No. MI-2

THE CITY OF BLAINE WILL USE MNDOT STANDARD DETAIL PLATE 7036G FOR THE CONSTRUCTION OF RAMPS, EXCEPT AS MODIFIED BELOW:

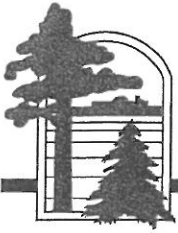
1. TRUNCATED DOME PANELS SHALL BE UNCOATED CAST IRON DARK GRAY, BLACK OR UNCOATED PER CURRENT MNDOT APPROVED PRODUCTS LIST.
2. THE PANELS SHALL BE INSTALLED IN WET MORTAR BASE OVER A 6" CONCRETE SLAB.

PEDESTRIAN RAMP REQUIREMENTS Plate No. ST-17



ENGINEERING DEPARTMENT
 10801 Town Square Dr., N.E. Blaine, Minnesota 55449
 Phone (763) 784-6700

SAFE ROUTES TO SCHOOL TYPICAL SECTIONS PROPOSED SIDEWALK



City of Blaine

10801 Town Square Drive NE
Blaine, MN 55449-8101
www.ci.blaine.mn.us

June 10, 2011

Connie Kozlak
System Planning and Programming Manager
Metropolitan Planning Organization
390 N. Robert Street
St. Paul, MN 55101

Dear Ms Kozlak:

This letter is to advise you that the City of Blaine is submitting a grant application to the Safe Routes for School Program through Mn/DOT. The City of Blaine, in conjunction with Independent School District Number 16, is applying for funds to install sidewalk and crosswalk improvements in the area of Westwood Intermediate and Westwood Middle Schools. If selected, grant funds will be used to install sidewalk on 91st Avenue NE between Jefferson Street and Polk Street and on Jackson Street from 89th Avenue NE to 91st Avenue NE. If we are successful in receiving funding, specific plans will be forwarded to your agency for inclusion in the required transportation improvement plans. See map attached for proposed project location.

Sincerely,

Jean M. Keely, PE
City Engineer

ENCL