# Safe Routes to School Travel Plan

Renaissance at Rand Middle School



Prepared By:



*In Association with:* 





# Safe Routes to School Travel Plan – Renaissance at Rand Middle School

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# INTRODUCTION

<u>Safe Routes to School</u> is a national and international movement to create safe, convenient, and fun opportunities for children to bicycle and walk to and from schools. The program has been designed to reverse the decline in children walking and bicycling to schools and can also play a critical role in reversing the alarming nationwide trend toward childhood obesity and inactivity.

Montclair's Safe Routes to School Program began in 2005 when the Rand School (now Renaissance at Rand) was one of New Jersey Department of Transportation's pilot <u>Safe Routes to School Demonstration Program schools</u>. Since then, the Montclair Safe Routes to School Program has received over \$700,000 in federal grants to improve infrastructure in all elementary and middle school neighborhoods, increase traffic safety enforcement, and encourage children and their families to get active on their way to and from school. This School Travel Plan is the result of that federal funding and identifies issues and solutions that are unique to the school's culture and priorities.

The purpose of the Renaissance at Rand Middle School Safe Routes to School (SRTS) Travel Plan is to identify measures including both infrastructure projects and programmatic activities aimed at improving and/or encouraging walking and biking to school. These measures will serve as part of an implementable action plan which, when carried out by the school community and its partners, will encourage more Renaissance at Rand students and parents to walk, bike or otherwise engage in active ways to getting to school. Traditionally, SRTS programs look at a 2 mile radius. Because Montclair is a Magnet School System, students 1 mile or more from the school they attend are provided courtesy busing. This Travel Plan will focus on the area within a one mile radius of Renaissance at Rand Middle School (Grades 6-8).

Renaissance at Rand Middle School is one of 10 schools in the Township of Montclair's Safe Routes to School (SRTS) Program. In 2008, the Township of Montclair, through its SRTS Task Force, applied for and received funding through NJDOT for the development of three (3) E's of its district-wide Safe Routes to School program (Engineering, Encouragement and Enforcement). The goal of the Montclair SRTS Task Force's goal was to expand on the success of the Rand School SRTS Pilot and bring a

Ele	ontclair ementary hools	Mi	ontclair ddle hools
1.	Bullock	1.	Glenfield
2.	Bradford	2.	Mount
3.	Edgemont		Hebron
4.	Hillside	3.	Renaissance
5.	Nishuane		at Rand
6.	Northeast		
7.	Watchung		

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sustainable Safe Routes to School Program to all of the Township's elementary and middle schools.

As part of this effort, the Township selected a consultant team lead by The RBA Group and assisted by Arterial and Meadowlink TMA (project team) to conduct SRTS workshops and develop travel plans. The travel plans stemming from the workshops compliment the work already undertaken by the Montclair SRTS Task Force, and reflect the Township's desire to create safer, healthier, active and sustainable school environments town-wide.

In developing the Renaissance at Rand Travel Plan, the project team confirmed preliminary walking and bicycling routes and analyzed the basic elements required for safe walking and bicycling routes. Information was gathered from local stakeholders – staff, parents, as well as community members such as the Township Engineer, local police, health and bicycle advocates, board of education transportation representatives, and local crossing guards through interviews, travel surveys and the community workshops. In these workshops, stakeholders worked with the project team to identify existing barriers that limit walking and biking and opportunities that could prompt an increase in walking and biking to the school. The results of this collaboration is a list of potential projects and/or activities (action items) intended to make walking and biking to Renaissance at Rand a safer and more appealing option than taking the car.

The Renaissance at Rand Middle School Travel Plan actively promotes the five E's of a successful SRTS program – engineering, education, enforcement, encouragement, and evaluation. These categories provide the framework for the action items identified in the plan. At the conclusion of the project, the goal is to have the school community take an active role in improving their SRTS program goals for getting students to and from school safely using active modes of travel. This Travel Plan should be adopted by the school and updated on an annual basis to reflect changes in priorities, leadership and conditions.

## MONTCLAIR SRTS TEAM AND PARTNERSHIPS

A key element in the planning process was for the project team to foster partnerships within the school community. The first goal was to establish a SRTS Team Leader at each school. The project team worked with the SRTS Team Leader to gain a better understanding of the challenges families face in getting their students to and from school safely. In working with closely with the SRTS Team Leader, the project team was able to set the stage for the Team



Leader to move forward on his own and maintain ownership of the SRTS program. Each SRTS Team Leader was given several tasks:

- Prepare an introductory letter/email to inform parents of the SRTS program and the need to fill out the parent/caregiver survey.
- Disseminate survey.
- Identify for the consulting team the major routes to the school, and any important issues related to arrival and dismissal.
- Coordinate workshop locations, times, distribute flyers and provide snacks the day of the workshop.
- Collect data from the school via the Stakeholder Interview Sheet.
- Invite stakeholders to the workshop meeting.
- Discuss and brainstorm with the project team any incentives to use for encouragement throughout the year.
- Attend the workshops as a participant/parent and share thoughts and concerns.
- Attend the classroom presentations conducted with students by the project team, if possible.

After gathering key information about the school through interim SRTS Team Leader, the project team needed to assemble active community groups and organizers whose missions and abilities complement the goals of the Montclair SRTS Program in the hopes that they will be able to support and sustain the SRTS program over time. These local stakeholders

## Safe Routes to School Travel Plan - Renaissance at Rand Middle School

were continuously invited to be a part of the development of each of the schools' travel plans. The Renaissance at Rand School SRTS Partner Organizations List includes:

## **Renaissance at Rand SRTS Partner Organizations**

Organization	Contact	Role/Responsibility
Renaissance at Rand	Barbara Weller, Principal	Programmatic Activity and
School	P: (973) 509-5741	Implementation
	E: bweller@montclair.k12.nj.us	
Renaissance at Rand	Bridgette Devine, SRTS Team Leader	Programmatic Activity and
School	E: <u>bdevinemsw@gmail.com</u>	Implementation
Renaissance at Rand	Cherie Elfenbein, Health & Wellness Liaison	Programmatic Activity and
School	E: healthandwellness@renaissancepta.org	Implementation
Renaissance at Rand	Helen Fallon and Grace Grund, Co-PTA	Programmatic Activity and
School	Presidents	Implementation
	E: <u>ptapres@renaissancepta.org</u>	
Montclair Township	Alex Kent, Safe Routes to School Coordinator	Programmatic Activity and
	P: (917) 841-1516	Implementation
	E: akent@montclairnjusa.org	
Montclair SRTS Task	Janice Talley, Township Planner, SRTS Task	Township SRTS Coordination
Force	Force Coordinator	
	P: (973) 509-4953	
Montclair Township	Kimberli Craft, Township Engineer	Engineering Project
	P: (973) 509-5707	Implementation
	E: kcraft@montclairnjusa.org	
Montclair Police	Sergeant Stephanie Egnezzo, Traffic Bureau	Safety Education, Enforcement,
Department	P: (973) 509-4718	and Crossing Guard Assignment
	E: segnezzo@montclairnjusa.org	
	Officer John Timchak, Traffic Bureau	Safety Education, Enforcement,
	P: (973) 509-4752	and Crossing Guard Issues
	E: jtimchak@montclairnjusa.org	
Montclair Dept. of	Steve Wood, Director	Streets, public property and
Community Services	P: (973) 509-5711	parks, snow and leaf removal, all
(Public Works &	E: swood@montclairnjusa.org	community infrastructure,
Parks)		pothole repair
Montclair Board of	BOE Special Projects	BOE SRTS Coordination
Education		

Organization	Contact	Role/Responsibility
Montclair Board of	Gisela Aultmon, Transportation Manager	School Bus Coordination
Education –	P: (973) 509-4055	
Transportation	E: gaultmon@montclair.k12.nj.us	
Office		
Meadowlink	SRTS Program Manager	Travel Plan Implementation,
Transportation	P: (201) 939-4242	Programmatic Activity, SRTS
Management		Program Assistance/Resource,
Association		Grant Writing Assistance
Voorhees	Leigh Ann Von Hagen, Research	Web-based resources, Technical
Transportation	Specialist	Assistance, SRTS Recognition
Center/NJ SRTS	P: (848) 932-7901	Program, Helpdesk assistance,
Resource Center	E: srts@ejb.rutgers.edu	and SRTS Tools, Tips and
		Training
Safe Routes to	Nora L. Shephard, NJ Advocacy Organizer	Advocacy, Event and
School National	E: nora@saferoutespartnership.org	Encouragement Activities, Policy
Partnership		Change, Best Practices &
		Technical Assistance,
		Publications
Bike&Walk	Rika Alper, President	Advocacy, Event, Education and
Montclair	P: (973) 866-5028	Encouragement Activities
	E: info@bikewalkmontclair.org	
NJ Department of	Elise Bremer-Nei, NJDOT SRTS Program	State SRTS Program Assistance;
Transportation -	Coordinator	Non-Infrastructure Grant
SRTS	P: (609) 530-2765	Funding
	E: elise.bremer-nei@dot.state.nj.us	
Essex County	David Antonio, County Planner	SRTS Program Assistance
Planning	P: (973) 226-8500	
Department	E: dantonio@essexcountynj.org	
Essex County Board	Brendan W. Gill, Freeholder, District 5	County SRTS Coordination
of Chosen	P: (973) 621-4479	
Freeholders	E: bgill@freeholders.essexcountynj.org	

# **SCHOOL PROFILE**

## **School Description**

The Renaissance at Rand Middle School is located at 176 North Fullerton Avenue in the Claremont Avenue/Forest Street neighborhood. This section of Montclair is primarily residential but has a commercial district, known as the Walnut Street Business District. This commercial district is centered on NJ TRANSIT's Walnut Street Train Station which is located approximately a ¼ mile from the school. The school is bordered by Walnut Street to the south, Chestnut Street to the north, Park Street to the west and N. Fullerton Avenue to the east.



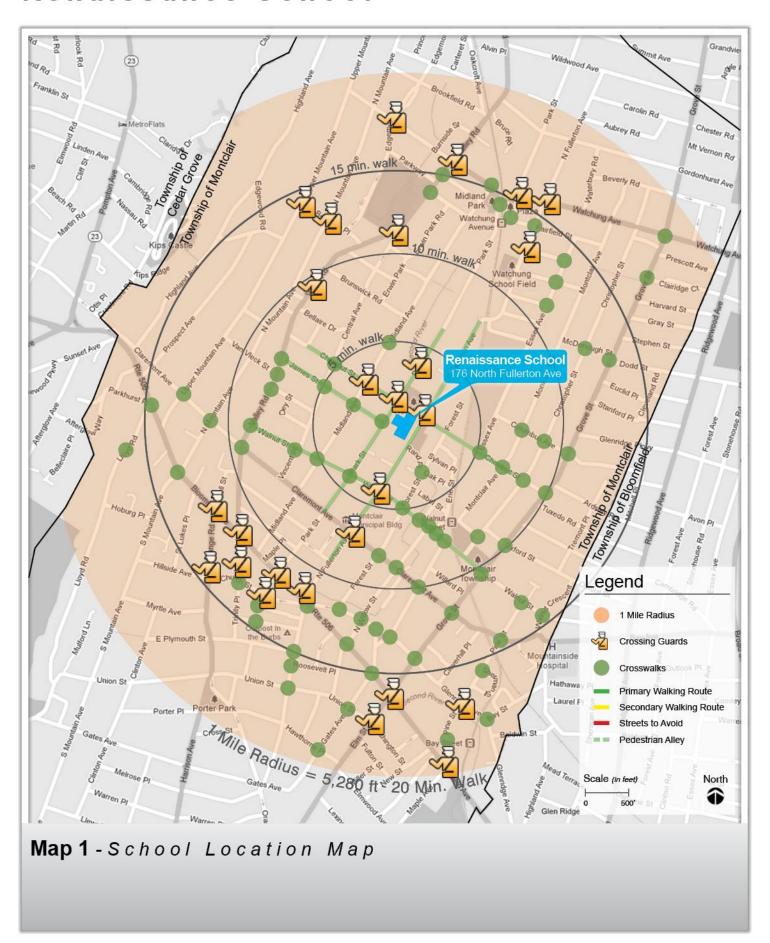
**School access point along Chestnut Avenue** 

Renaissance at Rand is part of the Montclair Public School District and has a school population of approximately 246<sup>1</sup> students in grades 6-8. In Montclair's magnet school system, all schools have a theme. Renaissance at Rand's theme is "Liberal Arts."

The primary entrance for students walking or being dropped-off by the school bus is located along N. Fullerton Avenue. *Map 1 – School Location* identifies key features of the school neighborhood such as the location of crossing guards, primary and secondary walking routes and crosswalks.

<sup>&</sup>lt;sup>1</sup> 2010-2011 NJ Department of Education School Report Card, www.education.state.nj.us

# Renaissance School



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# School Demographic Information

## > Student Demographics

Ethnicity	Renaissance at Rand	State Average
White	60%	54%
Black or African American	26%	17%
Hispanic or Latino	8%	20%
Asian	6%	8%

Source: www.greatschools.net; NCES, 2008-2009

## > Economic Diversity

## Free and reduced-price lunch

These statistics show the percentage of students eligible for the federal free and reduced-price lunch program as reported by National Center for Education Statistics (NCES). This percentage is one indication of the student economic level (or family income level) at a school.

Free or reduced-price lunch	Renaissance at	State Average
program	Rand	
Students eligible for free or reduced-	9%	30%
price lunch program		

Source: www.greatschools.net; NCES, 2008-2009

## > Individualized Education Programs (IEPs)

These statistics show the percentage of students with Individualized Education Programs (IEPs) as reported by the state. IEPs are specialized educational programs created for students with disabilities. When planning for activities related to SRTS, we want to make sure to think about all members of the student population, including students with IEPs.

Students with Disabilities	Renaissance at Rand
Percentage of students with IEPs (Individualized Education	12.6%
Program) regardless of placement/programs	

Source: NJDOE 2010-2011 Report Card

# Language Diversity

Limited English Proficient (LEP)	Renaissance at Rand
Percentage of Limited English Proficient students	None reported

Source: NJDOE 2010-2011 Report Card

Language Spoken At Home	Renaissance at Rand
English	100%

Source: NJDOE 2010-2011 Report Card

## **CURRENT SCHOOL TRAVEL ENVIRONMENT**

#### Student Travel Mode

Because Montclair is a magnet school system, courtesy busing is provided to students who live farther than one mile from the school.

There are approximately six (6) buses that provide service to the Renaissance at Rand School. Students are permitted to ride their bike to school and the school has participated in a number of Walk/Bike to School Days to promote walking and biking as a means for getting to school.

## **Drop-Off/Pick-Up Procedures**

Bus drop-off takes place in front of the school building on N. Fullerton Avenue. Car drop-off takes place on N. Fullerton south of Rand Place or on the Chestnut Street side of the building. At dismissal time, buses are lined up in front of the building on N. Fullerton for pick-up.

The school's <u>drop-off/pick-up procedures</u> are located on the school's website and give parents' explicit directions for how to properly behavior in the school zone.

#### **School Hours**

The official hours of instruction at the school are 8:20am-4:05pm (Monday-Thursday); 2:35pm (Friday). On abbreviated days, dismissal time is 1:10pm.

## **Crossing Guards**

There are two crossing guards in the immediate school vicinity posted along Chestnut Avenue at the intersections of Park Street and N. Fullerton Avenue that provide assistance during arrival and dismissal.

Transportation to and from school is available for students in the Montclair Public Schools system who meet the eligibility requirements that are based on the distance from the child's residence to the school he/she is attending. According to Board policy, transportation will be provided for the following students:

- 1. All elementary students who reside more than 1 mile from their assigned school.
- 2. All middle school students who reside more than 1 mile from their assigned school.

**Source:** Montclair Board of Education website, <a href="http://www.montclair.k12.nj.">http://www.montclair.k12.nj.</a> us/WebPage.aspx?Id=23

## **EVALUATING OPPORTUNITIES AND CONSTRAINTS**

The information gathering process for the Renaissance at Rand Middle School followed a series of steps conducted by the project team including stakeholder interviews, data collection, workshop previews, student classroom activity and a SRTS workshop. Together, these steps allowed the project team to develop an Action Plan listing recommendations to be implemented in the school neighborhood to improve conditions for students on their way to and from school.

## Stakeholder Interviews

In the spring of the year prior to the workshops, Montclair's SRTS Coordinator Alex Kent met with the PTAs and the Principals of all the Montclair schools, and talked to them about the barriers they have to walking or biking to school, safety or otherwise. During the process of gathering information for this Travel Plan, SRTS Team Leaders were also asked to gather insight about problems locations within the school vicinity. In the Renaissance at Rand Middle School, some areas of concern ("hot spots") within the school neighborhood were identified. Their verbatim thoughts are included below:

## Parents' Thoughts

Lighting is not great on N. Fullerton side by mid-street crosswalks.

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# Neighborhood Mapping

## Team Observation

Prior to the community workshop, the project team performed a field investigation to observe the conditions around the Renaissance at Rand Middle School. Observations were made of the physical conditions all around the school campus and surrounding neighborhood; parking patterns and restrictions; auto and foot traffic and circulation using the Crosswalk <sup>©</sup> data collection and assessment system.

Summaries and results of these collection efforts and field investigations are summarized in Appendix A. This summation includes detailed maps annotated with comments about the school commute dynamics and conditions for walking or bicycling to and from school. Photos of each major issue are included and keyed to the maps by number.

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School Community Observation

## STUDENT CLASSROOM ACTIVITY

Members of the project team met with eight Renaissance at Rand students to discuss obstacles to walking and bicycling in their school neighborhood. In talking with these students about reasons why they walk or bike to school, here's a summary of notes from that discussion:



## **General Discussion**

- Most walk, usually when it is nice weather
- A couple bike
- Some students don't walk because they are lazy and want to sleep later
- More students walk home from school than to school
- Walkers are on N. Fullerton Avenue for the majority of their commute
- Bike/Walk to School Day takes place once a month in the Fall and Spring
- At least one student thinks a bike train could be good
- Parking should be moved further from corners so pedestrians can see oncoming traffic easier at intersections
- Crossing quards don't seem to help students on bikes cross

Students participated in a classroom activity in the form of a focus group to help the project team identify issues and general concerns of safety around the school neighborhood. As part of the exercise, students were asked to identify their **top issues** verbally and in written form. Here's what the students said:



# **Identify Main Issues**

- Sidewalks in bad condition
- Not enough room for bikes on shoulders
- Bad road conditions, a lot of potholes or poorly filled potholes
- Cars not stopping at crosswalks
- Cars on Park St. and Central Ave.
- Cars parking too close to intersection

After giving them the opportunity to identify their issues, students were asked to think about "walking wishes" – the most important changes that they wanted to see in their school neighborhood. Here's what the students said:

## Safe Routes to School Travel Plan - Renaissance at Rand Middle School



# Walking Wishes

- More flat and stable sidewalks
- Enforce crosswalks on busy streets
- Drivers need to be better informed on how to behave when cyclists are around
- Make shoulders on every road for bikers

In calling out specific "hotspots' here's what the students had to say:

Location	Issues
Park Street	Is a little dangerous

Cars sometimes do no put on their headlights, making it difficult to differentiate between parked and driving cars

I would like it if we had better sidewalks

I wish people would actually stop at crosswalks

Cars park too close to crosswalks, making it hard to see oncoming traffic and cross safely We need programs that help drivers with better habits

## Safe Routes to School Travel Plan - Renaissance at Rand Middle School

## Community Workshop

## Observation of Student Arrival

The project team met at the Renaissance at Rand Middle School at 8:00 am on Thursday, March 14<sup>th</sup>, 2013 to observe arrival of Renaissance at Rand's students with parents and stakeholders. The purpose of this exercise was to allow workshop attendees the opportunity to have a first-hand observation of the existing and potentially hazardous behaviors within the school neighborhood.



## Community Workshop

The workshop began directly after the of student observation Members of the Renaissance at Rand school community and community attended the workshop to Safe Routes discuss to School program at Renaissance at Rand. The project team's goal for this working meeting was to present sufficient information on Safe Routes to School programs to the community as well as supplying audience members with



anecdotal information from their earlier discussion with students and their own observations of the schools' arrival. Workshop participants identified barriers, areas of concerns and opportunities in the environment around Renaissance at Rand in their discussion and through the mapping exercise facilitated by the project team.



Student crossing at the intersection of N. Fullerton Avenue and Rand Place



The approach to Renaissance at Rand along northbound N. Fullerton Avenue

# CREATING SOLUTIONS FOR THE SCHOOL NEIGHBORHOOD

Since its initial involvement in the New Jersey Department of Transportation's pilot Safe Routes to School Demonstration Program, physical and programmatic improvements have been made in and around the Renaissance at Rand school neighborhood (See Appendix H for Press Related to these improvements). These improvements were the result of a federal grant received by the Township for the Rand School neighborhood in 2007 and include educational and encouragement programs for the students, increased police enforcement in the school zone during school hours, and enhancements to pedestrian safety along and across the streets within the school zone.

Despite these enhancements, there are additional measures that could be implemented to leverage Renaissance's success and take its SRTS program even further. Based on the recent experience and observations at Renaissance at Rand Middle School, the project team offers the following suggestions for priority actions related to continuing to build the Renaissance at Rand SRTS program.



New pad installed for bicycle rack



New solar-powered pedestrian scale lighting, sidewalk and retaining wall

## Safe Routes to School Travel Plan – Renaissance at Rand Middle School

## **Top SRTS Priority Recommendations**

A full listing of the recommendations are provided as options for the Renaissance at Rand Middle School to consider while implementing its SRTS plan and are included in the Action Plan Matrix, later in this Travel Plan. The top priority concepts for each of the 5 E's (Engineering, Education, Encouragement, Enforcement and Evaluation) are also listed here:

## Engineering

- Revise drop-off procedures to separate cars and buses. Have buses only in front of school along N. Fullerton Ave, and two options for cars:
  - Chestnut Street on the side of the school and with students using the side door
  - Rand Place across from the school
- Reverse the direction of traffic along Rand Place to flow westbound from Forrest Street to N. Fullerton Ave and prohibit right turns onto N. Fullerton Avenue by adding a "No Right Turn" sign
- Widen the sidewalk along Rand Place
- Install "Pull Up Here" signage along Chestnut Street to reinforce the proper location for curbside drop-off

## Enforcement

- Update current arrival and dismissal procedures with a map that defines the dropoff/ pick-up traffic circulation plan, including rules and procedures for driving along local streets within school campus and any school driveway access
- Create a student safety patrol
- Create and distribute "warm fuzzies" to thank parents and/or drivers for exhibiting model behavior.
- Create and distribute fake "tickets" to reprimand drivers/walkers/bicyclists for unsafe behavior

### Education

- Integrate walking and safety education into classroom curriculum (see Appendix E for sample lesson plan information).
- Invite Montclair Police Department to give safety presentation and conduct bicycle registration at Back to School night.
- Invite NJ TRANSIT to give their SAFETY RULES! Assembly presentation every year.
- Promote Bike&Walk Montclair's Courteous Driving Pledge.
- Invite <u>Meadowlink TMA</u> and <u>Bike&Walk Montclair</u> to help with bicycle and pedestrian education at assemblies or weekend Bike Rodeos.



NJ TRANSIT offers a no-cost, 45-

minute statewide safety education program to public, non-public and charter schools, Grades PreK-12, highlight the need for safe behavior and caution around rail systems and buses. According to NJ TRANSIT, the presentation includes an age-appropriate video, safety tips and procedures, question and answer session, and free educational materials that reinforce important safety messages. For more information or to schedule presentations, go to the <u>Safety Education Program</u> site at:

(http://www.nitransit.com/rg/rg/servlet.sry?hdnPageAction=SafetyTo

## Encouragement

- Organize Bike Trains/Walking School Buses to connect students and families who also want to walk or bike, and would be more comfortable as part of a group
- Host a classroom activities focused on walking and biking safety.
- Continue Bike/Walk Fridays and include teachers in the activities Utilize the school website to advance Safe Routes to School safety campaign/messages.
- Form a bike club to support student riders
- Create and promote annual essay contest "Why it's good to walk or bike to school"
- Circulate Time Radius Map and Travel Plan Report on school website.

### **Evaluation**

- Continue to conduct student travel surveys to measure how effective the SRTS program has been in increasing the number of students walking, biking, carpooling or taking transit to school.
- Conduct tracking exercises for distances students walk both on-line and in the classroom.

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## **Incentives**

To encourage families to arrive by foot, bike or any other form of active transportation, Renaissance at Rand's SRTS Team Leader should continue to work with the SRTS team at Meadowlink (the Transportation Management Agency covering all of Montclair and the surrounding area), to develop a plan to best leverage the incentive items and other SRTS efforts.

Meadowlink will be providing bicycle and pedestrian safety themed incentives, such as stickers, to Renaissance at Rand and all of the other Montclair Schools participating in the SRTS program. Going forward, Meadowlink will offer assistance in the implementation of further SRTS initiatives such as, a walking school bus or bike rodeo, and incentives for these events will be provided as necessary.

## PROGRAM EVALUATION AND MONITORING

In order to continue the momentum and keep up with the growing needs of a changing school population, Renaissance at Rand should use various data collection methods to evaluate the effectiveness of its SRTS Program over time. Some of those preliminary actions should be:

## • Conduct Student Travel Mode (Hands-Up) Surveys

Renaissance at Rand should measure the number of children walking and bicycling to school by conducting Student Travel Mode (Hands-Up) Surveys at least twice a year. The results will be evaluated yearly to show if there has been a shift in the number of children walking and bicycling to school.

For these surveys, Renaissance at Rand can work with their SRTS Team Leader and Meadowlink TMA to coordinate this effort with Voorhees Transportation Center at Rutgers University to tabulate survey data. A copy of the Student Travel Mode Survey can be found in Appendix B.

## Continue to conduct Parent Surveys

Renaissance at Rand should continue to distribute parent/caregiver take-home/online attitudinal surveys to evaluate parents' attitudes towards walking and bicycling to school over time. The 2012 New Jersey Safe Routes to School Parent/Caregiver Survey Form is included in Appendix B. Using survey information on the number of children that currently walk and bike to Renaissance at Rand as a baseline measure, these yearly surveys should be conducted to determine if there has been a shift in attitudes and/or

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actions since the implementation of actions related to the SRTS program. Renaissance at Rand's SRTS Team Leader and Meadowlink TMA can work together to ensure that the surveys are distributed, collected and then tabulated by Voorhees Transportation Center at Rutgers University.

#### Conduct School Traffic Counts

School traffic counts can be a good way to collect baseline data on parent/student behavior during arrival. Unlike typical traffic counts that use automated traffic counting equipment, these visual counts involve using students to manually record how students are being dropped off to school. Renaissance at Rand should institute a school traffic counts initiative to do these counts either as a single classroom activity or can use it as a school-wide motivator to get parents and students to walk and bike more often. These counts should be done at the beginning and the end of the school year to see if any of the SRTS activities have had an impact in reducing the number of cars dropping off



Children of the Ganllwyd School in England counting passing vehicles as part of their Junior Road Safety Officers Program.

students. It is important that the counts are done the same way each time to ensure that results can accurately compared.

The SRTS Team Leader should invite a representative from the Montclair Police Department, the Township Planner, or the Township Engineer to help kick-off the school's traffic count initiative. The counts should be coupled with encouragement activities such as:

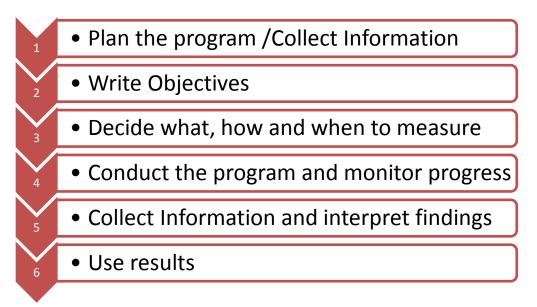
- Making a school-wide pledge to walk and bike more often
- Setting a school-wide goal and holding a celebration if the goal is met.
- Having class discussions on how to reduce the impacts of traffic by using alternative modes of transportation such as biking and walking.

A sample of a traffic count form can be found in Appendix C.

Before carrying out any of these activities, the Renaissance at Rand SRTS Team should consider creating a mechanism for evaluation. As noted in the *Complete Safe Routes to* 

# Safe Routes to School Travel Plan - Renaissance at Rand Middle School

School Guide<sup>2</sup> there is a six-step process that works best for evaluating SRTS programs and is demonstrated in the following graphic:



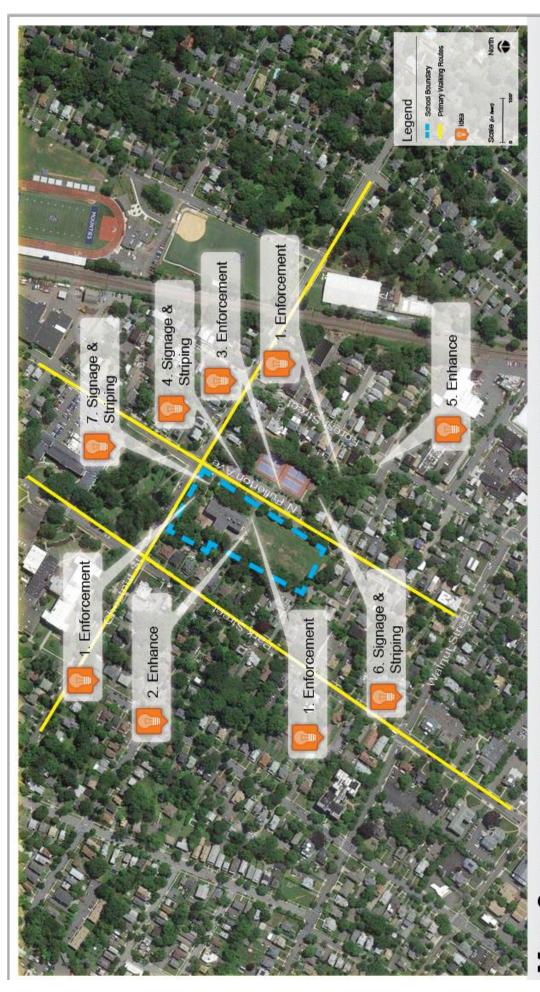
Creating a plan at the onset of the program will be most beneficial in setting goals for your program and determining strategies to will help you attain those goals.

<sup>&</sup>lt;sup>2</sup> This guide is maintained by the National Center for Safe Routes to School at <u>www.saferoutesinfo.org</u>.

# MAPPING SOLUTIONS FOR THE SCHOOL NEIGHBORHOOD

The walking environment around Renaissance at Rand Middle School is generally in good condition. With some minor changes, the walking routes to school can be very attractive to nearby families.

**Map 2 - School Neighborhood Recommendations** (on the following page) illustrates the suggested physical improvements that are aimed at improving the overall conditions for families walking and biking to school. If implemented in conjunction with the other strategies outlined in the Action Plan Matrix (page 26), these physical improvements will offer walking and/or biking as a safe and more convenient option to getting to school.



# Recommendations Map 2 - School Neighborhood

- 1. Revise drop-off procedures to separate cars and buses. Have buses only in front of school along N. Fullerton Ave, and two options for cars: A. Chestnut Street on the side of the school with students using the side door. B. Rand Place across from the school.
- Replace and relocate current bike rack.
- 3. Prohibit all traffic (except buses) along N. Fullerton Ave between Chestnut Ave and Rand Place during school hours.
  - 4. Install 'No Stopping or Standing' signs along northbound N. Fullerton Ave
- 5. Reverse the direction along Rand Place to flow westbound from Forest Street to N. Fullerton Ave and prohibit right turns onto N. Fullerton Ave by adding a 'No Right Tum' sign.
  - 6. Widen the sidewalk along Rand Place
- 7. Install 'Pull Up Here' signage along Chesnut Street to reinforce the proper location for curbside drop-off.

## **ACTION PLAN MATRIX**

The following Action Plan Matrix for implementing the Renaissance at Rand Middle School SRTS program is intended to increase safety for students on their journey to and from school and, where appropriate encourage more students to walk or bike. The tables below are organized by the logical lead entity and identify those preliminary recommendations, specific to the Renaissance at Rand School campus and the immediate area, partners, a time frame and a level of cost for implementing each recommended action.

To give the Renaissance at Rand SRTS program more depth, it is recommended that these concepts be reinforced beyond the immediate school neighborhood. Renaissance at Rand's SRTS program can best realize full success if its community and municipal partners implement the township-wide action items that support Renaissance at Rand's SRTS program. These township-wide recommendations have been identified in Appendix D and are organized by the 5 E format (Engineering, Education, Encouragement, Enforcement and Evaluation) for implementing the SRTS program.

# Safe Routes to School Travel Plan – Renaissance at Rand Middle School

# **Action Plan Matrix - Renaissance at Rand School Neighborhood Specific**

<b>Timeframe Definition</b>	Cost Definition
<b>Short-term</b> = less than 3 months	<b>Low</b> = Less than \$2,000
Mid-term = between 3 to 6 months	<b>Medium</b> = between \$2,000 and \$10,000
<b>Long-term</b> = longer than 6 months	<b>High</b> = more than \$10,000

No.	Action	Partners	Timeframe	Cost	Notes
Lead	Entity: Principal				
1	Update current arrival and dismissal procedures with a map that defines the drop-off/ pick-up traffic circulation plan, including rules and procedures for driving along local streets within school campus and any school driveway access	PTA/ Meadowlink TMA/ BWM	Short-term	Low	Share the plan/map via school web site
2	Create school map of preferred drop-off/pickup locations, walking routes, biking routes, crosswalks, etc.	PTA/ Meadowlink TMA/ BWM	Short-term	Low	Include school map on poster for Back to School Night or other events
3	Revise drop-off procedures to separate cars and buses. Have buses only in front of school along N. Fullerton Ave, and two options for cars: -Chestnut Street on the side of the school and with students using the side door -Rand Place across from the school	Montclair Engineering/ BWM	Short-term	Low	Returning to the previous Chestnut Street option would also require unlocking the corner gate at N. Fullerton Ave
4	Create a student safety patrol	PTA /SRTS Team Leader	Short-term	Low	
5	Encourage staff to set a good example by using crosswalks	PTA/Safety Patrol	Short-term/ ongoing	Low	
6	Consider replacing and relocating current bike rack with a new state-of-the-art bike rack	Montclair Engineering/ BWM	Short-term	Medium	See Appendix F for bike rack considerations
7	Continue the SRTS team/group	PTA/ Meadowlink TMA	Short-term	Low	

No.	Action	Partners	Timeframe	Cost	Notes
8	Invite NJ TRANSIT to give their SAFETY RULES! Assembly presentation every year	Montclair BOE/NJ TRANSIT	Short-term/ ongoing	Low	www.njtransit.com/r g/rg_servlet.srv?hd nPageAction=Safet yTo
9	Invite Montclair Police Department to give safety presentation and conduct bicycle registration at Back to School night	Montclair BOE / Montclair Police	Short-term/ ongoing	Low	Contact Sgt. Egnezzo
10	Invite Meadowlink TMA and Bike&Walk Montclair (BWM) to help with bicycle and pedestrian education at assemblies or weekend Bike Rodeos	Montclair BOE/ Meadowlink TMA/ BWM/ PTA/ SRTS Coordinator	Short-term/ ongoing	Low	
11	Circulate Time Radius Map and Travel Plan Report on school website	Montclair BOE	Short-term	Low	
12	Utilize the school website to advance Safe Routes to School safety campaign/messages	Montclair BOE	Short-term/ ongoing	Low	Include NJ rail safety PSAs i.e. http://oli.org/video/view/new-jersey-transit-psa-you-dont-win
13	Integrate walking, bicycling, and traffic safety education into classroom curriculum	Meadowlink TMA /Montclair BOE /PTA	Short-term	Low	See Appendix E for sample lesson plans. Meadowlink can provide training to trainers
14	Continue to conduct student travel surveys to measure how effective the SRTS program has been in increasing the number of students walking, biking, carpooling or taking transit to school	Montclair BOE/ Meadowlink TMA	Mid-term	Low	
	Entity: PTA			T	
15	Create and distribute fake "tickets" to reprimand drivers/walkers/bicyclists for unsafe behavior	Safety Patrol/SRTS Team Leader/PTA	Short-term	Low	

No.	Action	Partners	Timeframe	Cost	Notes
16	Create warm fuzzies or "thank you's" to reward drivers/walkers/bicyclists for displaying model behavior  Participate in International Walk to	Safety Patrol/SRTS Team Leader/PTA Principal/	Short-term/	Low	
17	School Day in October and National Bike to School Day in May and NJ Walk and Bike to School Day in May	Meadowlink TMA/ SRTS Coordinator/ SRTS Team Leader/ BWM	ongoing	Low	
18	Include Crossing Guard Appreciation Day with every bike/walk to school event	Principal/ Meadowlink/ SRTS Coordinator/ SRTS Team Leader/ BWM	Short-term/ ongoing	Low	
19	Organize Bike Trains/Walking School Buses to connect students and families who also want to walk or bike, and would be more comfortable as part of a group	Meadowlink TMA	Short-term/ ongoing	Low	Could be set up similar to Meadowlink's carpool program
20	Continue Bike/Walk Fridays and include teachers in the activities	Meadowlink TMA/BWM	Short-term/ ongoing	Low	
21	Form a bike club to support student riders	Meadowlink TMA/BWM	Short-term	Low	For an example, see the Loyal Heights Urban Cycling Club: <a href="http://walkbikescho">http://walkbikescho</a> ols.wordpress.com/ 2013/03/06/the- loyal-heights- urban-cycling-club/
22	Create and promote annual essay contest "Why it's good to walk or bike to school"	BWM/SRTS Coordinator	Short-term/ ongoing	Low	
23	Share the updated arrival/dismissal procedures/walking and Bike Route maps via PTA web site	Principal/ Montclair Engineering/ BWM	Short-term	Low	

No.	Action	Partners	Timeframe	Cost	Notes
24	Circulate Travel Plan on PTA website, especially the map of walking routes with the time radius	Montclair BOE	Short-term	Low	
25	Promote Bike&Walk Montclair's Courteous Driving Pledge	BWM	Short-term	Low	
26	Coordinate with BWM to offer Bike Safety Classes – Bike 101 for any students who want to ride to school	BWM	Short-term	Low	
27	Complete "Achievements" as part of the SRTS Recognition Program to reach the Gold Level	Meadowlink/ BWM/ SRTS Coordinator	Short-term/ ongoing	Low	See Appendix F for details on Achievements
Lead	Entity: Montclair Engineering		_		
28	Prohibit all traffic (except buses) along N. Fullerton Ave between Chestnut Avenue and Rand Place during school hours	Montclair Town Council/ Montclair DPW	Short-term	Low	Install temporary "Do Not Enter" signs in each direction.
29	Install "No Stopping or Standing" signs along northbound N. Fullerton Avenue	Montclair DPW	Mid-term	Low	This would support the revised drop-off and pick-up procedures, but may not be needed if the "Do Not Enter" is implemented.
30	Reverse the direction of traffic along Rand Place to flow westbound from Forrest Street to N. Fullerton Ave and prohibit right turns onto N. Fullerton Avenue by adding a "No Right Turn" sign	Montclair Town Council/ Montclair DPW	Mid-term	Low	There are no residents along this section of Rand Place
31	Evaluate crosswalk lighting for midblock crossing along N. Fullerton Avenue in front of the school	Montclair DPW	Mid-term	Low	Possibly install additional pedestrian scale lights
32	Widen the sidewalk along Rand Place	Montclair DPW	Mid-term	Medium	Would better accommodate the recommended drop-off and pick-up procedure

No.	Action	Partners	Timeframe	Cost	Notes
33	Install "Pull Up Here" signage along Chestnut Street to reinforce the proper location for curbside drop- off	Montclair DPW	Short-term	Low	Will help minimize site visibility issues from cars pulling up too close to the intersection
Lead	<b>Entity: Montclair Police Departmen</b>	nt			
34	Include information on crossing	Meadowlink	Short-term	Low	
	bicyclists during annual crossing	TMA/BWM			
	guard training				
35	Provide information about bicycle	Principal/PTA/	Short-term	Low	
	registration that can be shared with	BWM			
26	the school community	Duin sin al/DTA	Clarat tamas	1	
36	Enforce traffic prohibition between Chestnut and Rand Place during	Principal/PTA	Short-term	Low	
	school hours				
37	Enforce "No Parking" in front of	Principal/PTA	Short-term	Low	This will ensure
	school on N. Fullerton Ave. during				drivers comply with
	school hours				the proposed "Do
					Not Enter"

# **APPENDICES**

# **Appendix A. Crosswalk<sup>©</sup> Neighborhood Analysis**

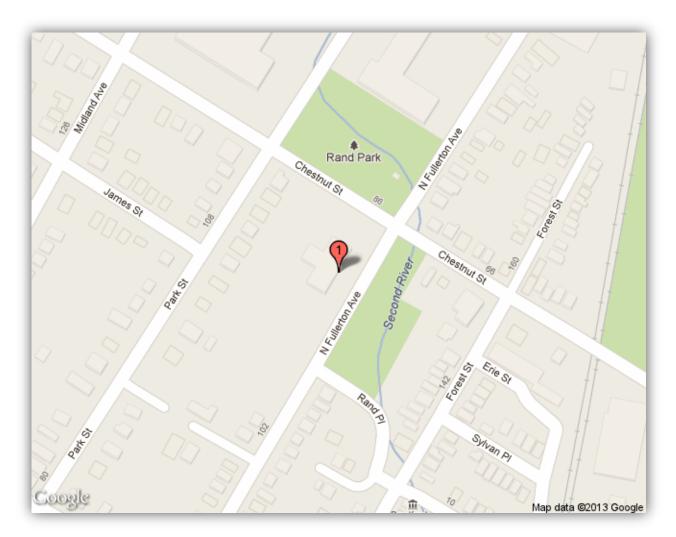
The following maps and notes are a record of the issues identified both during initial field observations and during the workshops as noted by participants:

## **Assessment Categories:**





# **Primary Destinations**



## 1. Front Entrance.

## Safe Routes to School Travel Plan - Renaissance at Rand Middle School



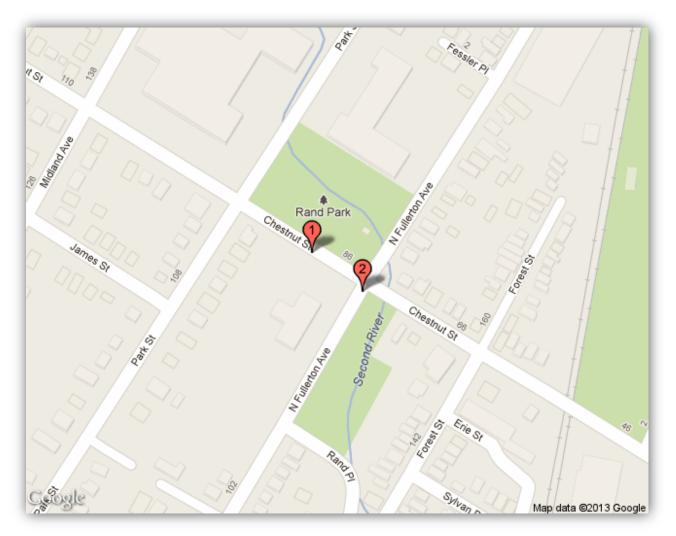
## **Secondary Destinations**



- 1. Bus Loading and Drop-off. Buses load and drop-off from here to corner.
- 2. Montclair COOP School Art Studio.
- 3. **Access Point.** Side access to school.
- 4. **Informal drop-off / pick-up location.** Parents appear to pick-up and drop-off here.
- 5. Access Point. Corner access point.
- 6. Bicycle Parking.
- 7. **Rand Park.** This is a key destination and "hang-out" for students before and after school.
- 8. **Drop-off/Pick-up Pattern.** This is a makeshift location that parents use for drop-off and pick-up.



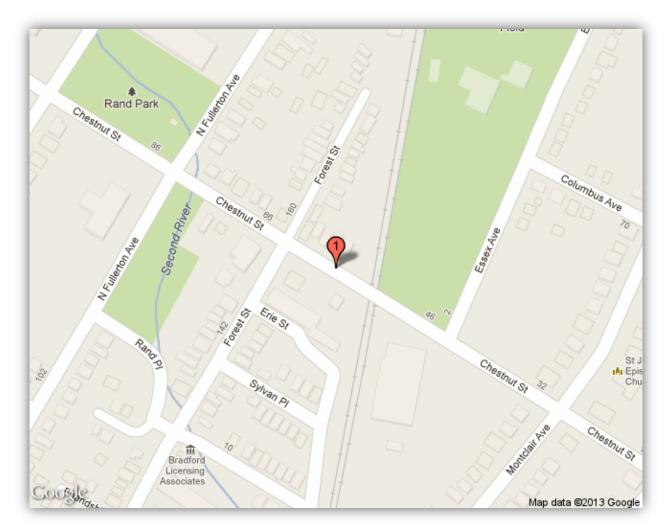
### **Crossing Guards**



- 1. Crossing Guard.
- 2. Crossing Guard.



### **Driver Behavior - Bad**

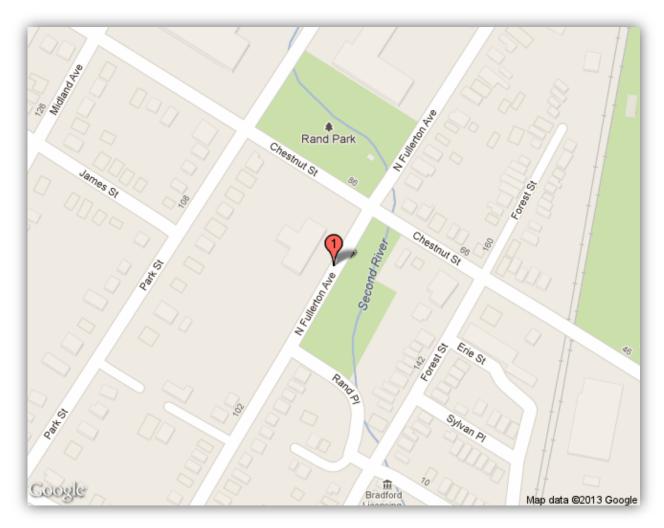


**1. Poor Driver Visibility/Expectation.** Cars traveling west on Chestnut speed up this steep hill and cannot see pedestrians in the crosswalk.

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### **Driver Behavior - Poor**



1. **Drop-off Zone.** Parents drop-off in "bus zone" if buses are not present.



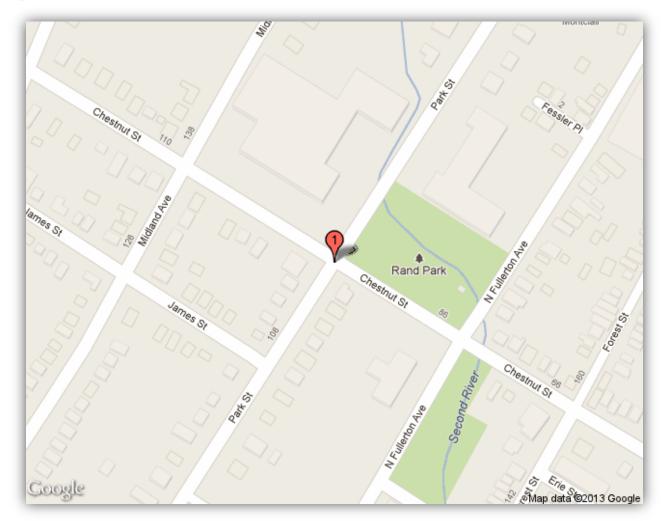
### **Environment - Poor**



- 1. **Isolated Feeling.** This street can feel a little unsafe and isolated in portions due to surface parking and lack of ground floor activity.
- 2. **Unmaintained Driveway.** Wide driveway that appears to be unmaintained with trash spilling onto sidewalk.



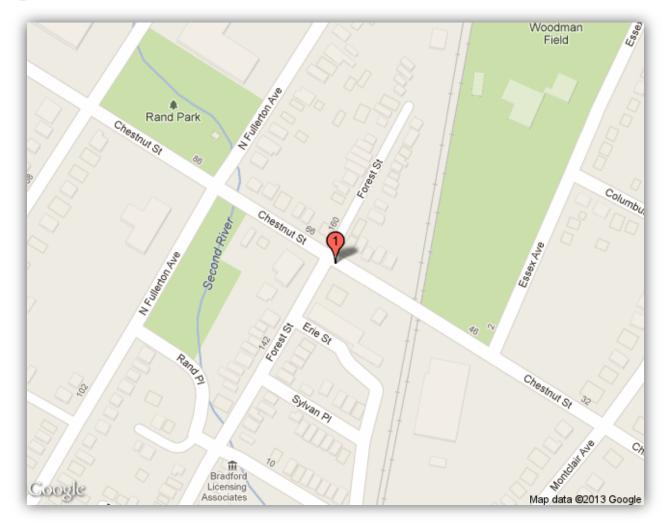
#### Intersection - Good



1. **Good Intersection** Signalized with clear crosswalks and a crossing guard.



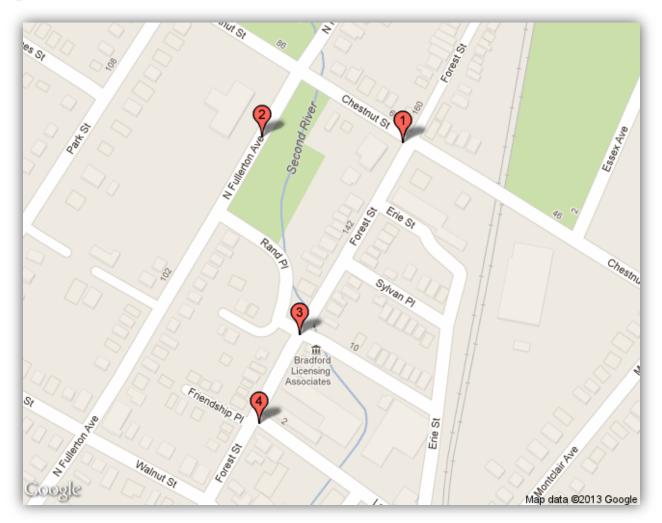
#### **Intersection – Bad**



1. **Poor Visibility.** There is very poor visibility from Chestnut Street to this intersection due to steep slope.



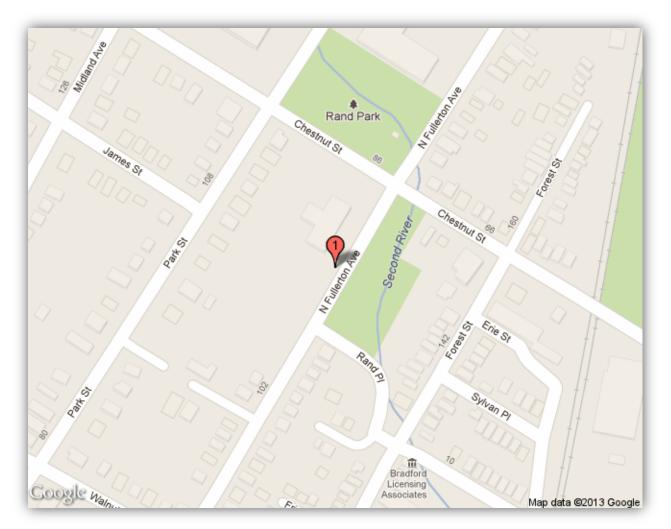
#### **Intersection - Poor**



- 1. **New 4-way Stop.** This intersection was converted to a 4-way stop within the past couple of months. This is due to cars speeding down Chestnut Street and through the intersection. The stop sign is in the middle because drivers were ignoring the 4-way stop.
- 2. **Mid-block Crossing.** Clearly defined mid-block crossing passes between buses during drop-off pick-up.
- 3. **Crosswalk / Curb Ramp.** Intersection improvements are needed including curb ramps and corner landings.
- 4. Curb Ramps. Curb ramps needed (along most of this street).



### Pedestrian Issue - Major



1. **Driveway Access**. It is unclear if this driveway is used by students. It appears that paths link to this driveway.



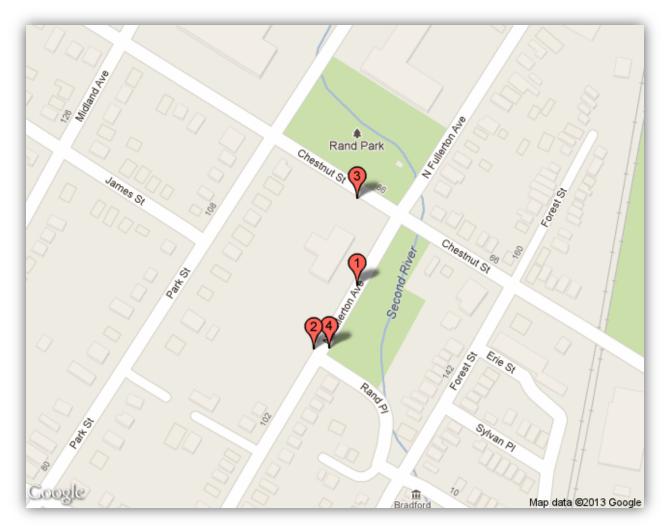
#### **Pedestrian Issue – Minor**



- 1. **Narrow Sidewalk.** Sidewalk is a little narrow through this area. Students are dropped off here by parents and it is the primary path to the field.
- 2. **Sidewalk Width.** Sidewalk narrows as it passes near a steep slope and is an obscured turn for cars.
- 3. **Desire lines**. Desire lines show pedestrians cutting this corner.
- 4. **Desire lines.** Desire lines show pedestrians cutting this corner.



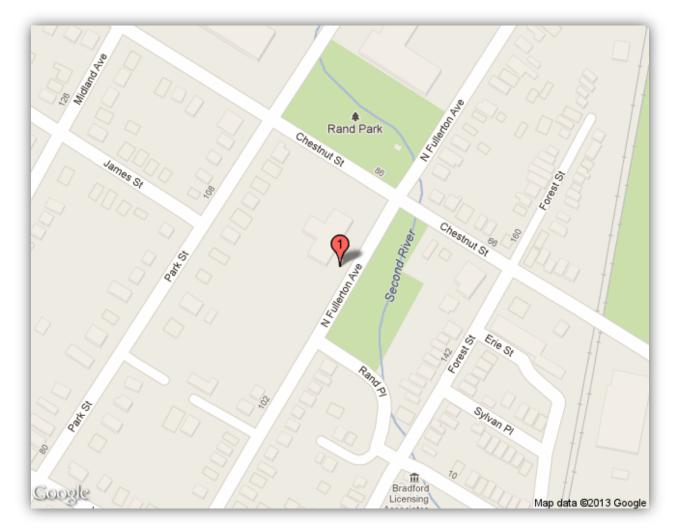
#### **Pedestrian – Good**



- 1. **Sidewalk Condition.** Good sidewalk width and condition around school. Width gets tight at tree pits.
- 2. Mid-block Crossing. Well defined and signed mid-block crossing.
- 3. **Good Sidewalks.** Ample sidewalk widths that appear to be new.
- 4. **Sidewalk Condition.** Ample sidewalks provided.



### Bike Issue - Minor



1. **Bicycle Racks.** Bicycle racks appear to be difficult to access due to slope and lack of a path or sidewalk.

### Renaissance School



### **Neighborhood Area Photography**



Ample sidewalk widths that appear to be new.



Signalized with clear crosswalks and a crossing guard.



This intersection was converted to a 4-way stop.



Cars traveling west on Chestnut speed up this steep hill and cannot see pedestrians in the crosswalk



Clearly defined mid-block crossing situated between buses during drop-off/pick-up.



Sidewalk is in poor condition and narrows around corner, obscuring pedestrians from sight.



Thersection improvements are needed including curb ramps and corner landings.



Curb ramps needed (along most of this street).



Analysis Area Map 4 - School Campus

## Montclair Safe Routes to School Program Safe Routes to School Travel Plan – Renaissance at Rand Middle School

### **Appendix B. Surveys – Travel Mode & Attitudinal**

### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

Classroom Travel Mode Survey for Students

Teacher's First Name:  Teacher's Last Name:	For a sking your students or aise their hands, please read through all possible answer choices so they will know their choices. Each student may only answer once.  Ask your students as a group the question "How did you arrive at school today?"  Tellow the same procedure for the question "How do you plan to leave for home after school arrival and departure questions.  Felpase conduct this count regardless of weather conditions and number of students in each box.  Weather Student Tally Walk Bike School Bus Family One or a subway, etc.  Weather Student Tally Walk Bike School Bus Family Carpool Transit Other Children from your family other families  Teacher's First Name: Teacher's Last Name:  Teacher's First Name: Teacher's East Name:  Teacher's First Name: Teacher's East Name:  Teacher's First Name: Teacher's Last Name:  Teacher's Last Name: Teacher's First Name: Teacher's Last Name: Teacher's First Name: Teacher's Last Name: Teacher's Last Name: Teacher's First Name: Teacher's Last Name: Teacher's First Name: Teacher's Last Name: Teacher's Last Name: Teacher's Last Name: Teacher's Last Name: Teacher's First Name: Teacher's Last Name: Teacher's L	+ CAP	ITAL	ETTE	RS OF	NLY -	BLUE	E OR	BLA	CK II	NK C	ONLY									+
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Source: http://saferoutesnj.org/documents/SRTS Tally Sheet-1.pdf

#### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

Parent/Caregiver Attitudinal Survey

The online version of the survey can be found here:

https://rutgersbcsr.us2.qualtrics.com/SE/?SID=SV 8uZQeguvLZ7cjRP



### To take this survey online, visit: www.NJSafeRoutes.org

#### Dear Parent or Caregiver,

Your child's school has partnered with the NJ Department of Transportation, New Jersey's Transportation Management Associations, and researchers at the Rutgers University Voorhees Transportation Center to learn your thoughts about children walking and biking to school.

#### Purpose of Survey

Safe Routes to School (SRTS) is a nationwide effort to encourage more and safer walking and bicycling to school. The goal of this study is to understand any issues or concerns you have about allowing your child to walk or bike to and from school. The information gathered will be used to assess your local, state and national Safe Routes to School programs.

Please note that all responses will be kept anonymous and neither your name nor your child's name will be associated with any results. If you have any questions about your rights as a participant in this study, you may contact the Institutional Review Board administrator at Rutgers University at 732-932-0150 ext. 2104.

Your participation in this study is completely voluntary; however, your opinions are highly valued. If you have any questions about the survey, please contact Leigh Ann Von Hagen of the NJ Safe Routes to School Resource Center at Rutgers University at lavh@ejb.rutgers.edu, or 732-932-6812, extension 613.

#### Thank you for participating!

Sincerely,

Elise Bremer-Nei State Safe Routes to School Coordinator New Jersey Department of Transportation







Survey Directions								
Please answer the question complete only one survey complete. Remember, all	y per sch	ool you	ır childre	n attend. This s	turvey will take			
1. What is the name of your child's school?								
				10				
2. In what grade is your	child cu	irrenti	y enrolle	ed?				
3. Is your child:	Male	□ Fe	emale					
4. Does your school dist  Yes  No	rict prov	ide yo	ur child	with busing?				
5. Does your child have a	disabilit	v that	nrevents	her/him from v	valking or biki	ng to school?		
□ Yes □ No		,	prevenu		······································	ng to school		
6a. What town do you li	ive in?							
6b. What is the street in	tersectio	n near	rest you	r home?		and		
7. During a typical 5-da	v school	week.	how ma	nv davs does vo	our child go to	school and lea	ve fron	n school
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☐ Walk ☐ Bike ☐ Ride the School Bus ☐ Drive/Ride in Car ☐ Other									
11. Does your child's school	_	walking to a	and from scho	ool?					
□Yes □No □Don	't Know								
12. Does your child's school encourage biking to and from school?									
□ Yes □ No □ Don't Know									
13. In what ways does your	child's scho	ol encourag	e walking or	biking? (If a	applicable)				
Walk	ing				Biking				
□ Walk to school days			☐ Bike to s	school days					
☐ School walking club			□ School b						
□ Walking School Bus pro			□ Bike rod						
<ul> <li>□ Providing walking route</li> <li>□ Distributing informative</li> </ul>		n wallsing		ig bike rout		als on biking			
☐ Don't know	materials 0	n waiking		racks are pi		ars on olving			
			Don't k		Cocar				
Other:									
14. Does your child have a b  Yes No Currently, how import	tant are the	following ir	o school?						
14. Does your child have a b  Yes No Solution 15a. Currently, how import child walk or bike to school following factors affects your	tant are the ? Please ind decision and	following in licate below d in the last	o school? 1 your decisio how importan	t each of the	3	one factor that			
14. Does your child have a b  Yes No Sourcently, how import	tant are the ? Please ind decision and	following in licate below d in the last	o school? 1 your decisio how importan	t each of the	3	one factor that			
14. Does your child have a b  Yes No Solution 15a. Currently, how import child walk or bike to school following factors affects your	tant are the ? Please ind decision and	following in licate below d in the last	o school?  1 your decisio how importan column on the	t each of the	3	one factor that most importan  Most			
14. Does your child have a b  Yes No Solution 15a. Currently, how import child walk or bike to school following factors affects your	tant are the? Please ind decision and he most impo	following in licate below d in the last ortant.	o school? 1 your decisio how importan column on the	t each of the right, pleas	e E	one factor that most importan			
14. Does your child have a b  Yes No Solution 15a. Currently, how import child walk or bike to school following factors affects your	tant are the ? Please ind decision and the most impo	following in dicate below d in the last ortant. Somewhat	o school?  1 your decisio how importan column on the  Neither Important or	t each of the right, pleas Somewhat	e Very	one factor that most important  Most Important			
14. Does your child have a least result of the	tant are the? Please ind decision and he most impo Very Important	following in licate below d in the last ortant. Somewhat Important	o school?  1 your decisio how importan column on the  Neither Important or Unimportant	t each of the right, pleas Somewhat Unimportant	e Very Unimportant	one factor that most important  Most Important Factor			
14. Does your child have a least yes No  15a. Currently, how importable walk or bike to school following factors affects your indicate which one factor is to Distance to and from school	tant are the? Please inded decision and the most important	following in licate below d in the last ortant. Somewhat Important	o school?  1 your decisio how importan column on the  Neither Important or Unimportant	t each of the right, please Somewhat Unimportant	Very Uninportant	one factor that most important  Most Important Factor			
14. Does your child have a least property of the least pour child walk or bike to school following factors affects your indicate which one factor is to be be be be be be be be be be be be be	tant are the ? Please ind decision and he most impo  Very Important	following in licate below d in the last ortant.  Somewhat Important	o school?  1 your decisio how importan column on the  Neither Important or Unimportant	Somewhat Unimportant	Very Unimportant	one factor that most important  Most Important Factor			
14. Does your child have a least property of the least pour child walk or bike to school following factors affects your indicate which one factor is to be be be be be be be be be be be be be	tant are the ? Please ind decision and he most impo  Very Important	following in licate below d in the last ortant.  Somewhat Important	o school?  n your decisio how importan column on the  Neither Important or Unimportant	Somewhat Unimportant	Very Unimportant	one factor that most important Most Important Factor			
14. Does your child have a least of the lea	tant are the ? Please ind decision and he most impo  Very Important	following in licate below d in the last ortant.  Somewhat Important	o school?  n your decisio how important column on the Neither Important or Unimportant	Somewhat Unimportant	Very Unimportant	one factor that most important  Most Important Factor			
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14. Does your child have a least le	tant are the ? Please ind decision and he most impo  Very Important	following in licate below d in the last ortant.  Somewhat Important	o school?  1 your decisio how importan column on the  Neither Important or Unimportant	Somewhat Unimportant	Very Unimportant	one factor that most important  Most Important Factor			
14. Does your child have a land of the la	tant are the ? Please ind decision and he most impo  Very Important	following in licate below d in the last ortant.  Somewhat Important	o school?  n your decisio how important column on the Neither Important or Unimportant	Somewhat Unimportant	Very Unimportant	one factor that most important Most Important Factor			

### Safe Routes to School Travel Plan – Renaissance at Rand Middle School

ollowing factors affects your ndicate which one factor is th	Please ind decision and	licate below d in the last	n your decision how important column on the	it each of the		Please indicate the one factor that is most important
	Very Important	Somewhat Important	Neither Important or Unimportant	Somewhat Unimportant	Very Unimportant	Most Important Factor
Age of my child		0				
Family schedule		0				
Child's before and after school activities	0	0	0		0	
Weight of book bag						
Availability of adult supervision		0	0		0	
Bullying						
Personal safety (theft, gangs, abandoned buildings, etc)	_	0	0		_	0
Stranger Danger"						
ell Us About Yourself hese questions are asked so t	hat we can s	group your 1	responses toge	ther with the	se of everyo	ne we interview.
hese questions are asked so to 6. What is your age as of to age 7. Are you male or female?		group your 1	responses toge	ther with tho	se of everyo	ne we interview.
hese questions are asked so t 6. What is your age as of to age		group your 1	esponses toge	ther with tho	ise of everyo	ne we interview.

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	☐ Less than high school graduate
	☐ High school graduate (or GED)
	□ Some college (or technical vocational school/professional business school)
	□ Two-year college degree (AA: Associate in Arts) □ Four-year college degree (BA or BS: Bachelor of Arts/ Science degree)
	☐ Graduate work, but no advanced degree
	☐ Graduate degree (Masters, PhD., Lawyer, Medical Doctor)
20. W	hich ONE of these descriptions of race and ethnic backgrounds most applies to you:
	□ White Hispanic
	□ White not Hispanic
	□ Black Hispanic
	Black not Hispanic
	□ Asian □ Native American
	Other
21. W	That is your total annual household income?
	☐ Less than \$25,000
	□ \$25,000 to \$50,000
	\$50,000 to \$100,000
	\$100,000 to \$150,000
	□ \$150,000 or more
2. H	ow many motor vehicles are kept at home for use by members of your household?  vehicles
23. W	hat is your marital status?
	Single/Never Married
	□ Married/Civil Union □ Divorced
	□ Widowed
	☐ Living with a partner
24. W	hat type of residence do you live in? Is it a
	□ Single family home
	□ Multi-family home
	□ Townhouse
	□ Apartment building
	□ Condominium
	□ Other, specify
	THANK YOU FOR PARTICIPATING IN THIS SURVEY

# Montclair Safe Routes to School Program Safe Routes to School Travel Plan – Renaissance at Rand Middle School

### **Appendix C. Traffic Count Instructions and Form**

#### INSTRUCTIONS FOR TRAFFIC COUNT FORM

- 1. Have kids pair up in teams of two to count walkers and bicyclists. Car counters need teams of three.
- 2. Each team is assigned a location where children are arriving at school.
- 3. One person is the counter and the other is the recorder. When counting cars, one person counts cars and another counts the number of children in each car.
- 4. The counters call out a car (biker or walker) when it (they) arrives. The recorder makes a mark for the number of cars and writes out the number for the number of children per car. (Make sure they keep the tic marks in groups of five). The bike and walking counters should make marks for each child.
- 5. At the end they total the number of marks. Then they count how many cars that had more than one child in the car, which counts the number of carpools. Note: If the class has learned how to average, then have them compute the number of children per carpool.
- 6. Combine all the forms to find out how many children walked to school, biked to school, came in a carpool, or came alone in a car.

7.	Return the form	is to the	e Safe Route	es to School	box in	the office
	or contact		at _			

Thanks for helping out the Safe Routes to School program

Safe Routes to School is a project of: NAME OF SCHOOL, ADDRESS, PHONE, E-MAIL

### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

Date Weather  Start Time End Time  Name(s) of Counters & Recorders					
COUNT THE NUMBER OF CARS	HOW MANY CHILDREN IN EACH CAR?	COUNT THE BICYCLISTS (WITH HELMETS)	COUNT THE BICYCLISTS (WITHOUT HELMETS)	COUNT THE NUMBER OF CHILDREN WALKING	

**Source:** Safe routes to school, <u>United States. National Highway Traffic Safety Administration</u>, U.S. Dept. of Transportation, National Highway Traffic Safety Administration, 2002

# Montclair Safe Routes to School Program Safe Routes to School Travel Plan – Renaissance at Rand Middle School

Appendix D. Action Plan Matrix – Township-wide

### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

### **Action Plan Matrix – Township-wide**

<b>Timeframe Definition</b>	Cost Definition
<b>Short-term</b> = less than 3 months	<b>Low</b> = Less than \$2,000
<b>Mid-term</b> = between 3 to 6 months	<b>Medium</b> = between \$2,000 and \$10,000
<b>Long-term</b> = longer than 6 months	<b>High</b> = more than \$10,000

No.	Action (Township-wide)	Partners	Timeframe	Cost	Notes
Engi	neering		·	•	
A1	Install pedestrian countdown signal heads and R10-3e placards with instructions for use at appropriate locations	County	Short-term	Medium	
A2	Install pedestrian crossing signs with school children symbols at unsignalized school crossings	County	Short-term	Low	
A3	Establish, through ordinance, all school zones as "Zero Tolerance" areas where fines for speeding are doubled	County	Short-term	Low	
A4	Post "Zero Tolerance" signs in all school zones	County	Mid-term	Medium	
A5	Evaluate appropriate locations for pedestrian scale lighting paying special attention to existing and future sidewalks	County	Short-term	Low	
A6	Install pedestrian scale lighting - paying special attention to existing and future sidewalks	County	Short-term	Medium - High	
A7	Conduct a sidewalk assessment and create a prioritized list of locations for installation of ADA-compliant curb ramps with detectable warning surfaces at locations where they are missing	County	Short-term	Low	

No.	Action (Township-wide)	Partners	Timeframe	Cost	Notes
A8	Install ADA-compliant curb ramps with detectable warning surfaces at locations where they are missing	County	Short-term	Medium	
A9	Provide high visibility crosswalks fluorescent, yellow-green advanced school crossing and school warning signs within school zones and along designated school routes	County	Short-term	Low	
A10	Install signage within the school zones clearly denoting the school zone speed limit, associated fines for speeding and applicable hours	Township	Short-term	Low	
Educ	ation				
A11	Sponsor and host bicycle rodeos for all students to improve their cycling skills	Meadowlink TMA/Bike Shops/Bike&Walk Montclair/PTA	Short-term/ ongoing	Low	
A12	Provide better training for aides on the school bus	SRTS Coordinator/Board of Education	Short-term/ ongoing	Low	
A13	Introduce bicycle and pedestrian safety into the school curriculum through programs such as WalkSafe™ or BikeSafe™ or event based programs through SafeKids or the Brain Injury Association of New Jersey	School Superintendent	Short-term	Low	
A14	Provide educational materials about the dangers of speeding or other violations, especially in the school area, at major community gathering locations such as the Library, Montclair BID, churches, bike shops and Township buildings	Meadowlink TMA/ Bike&Walk Montclair	Short-term	Low	

No.	Action (Township-wide)	Partners	Timeframe	Cost	Notes
A15	Circulate school walking and bicycling event information with municipal utility or tax bills.	Board of Education	Short-term/ ongoing	Low	
A16	Include the health benefits of conducting a SRTS program in Teacher Training programs	School Superintendent/SRTS Coordinator	Short-term	Low	
A17	Promote Bike&Walk Montclair's Courteous Driving Pledge	Bike&Walk Montclair/PTA	Short-term/ ongoing	Low	Should have pledges and magnets on hand at the Municipal Bldg & Community Services Bldg
A18	Create a doortag or flyer for property owners and businesses with information on Chapter 297 STREETS AND SIDEWALKS of the Township's Code, including fines associated with violations and the importance of keeping the pedestrian passageway free from obstructions	Township Code Enforcement	Short-term	Low	See Appendix E for sample
A19	Educate parents to let their children out of the car curbside instead of in the street	SRTS Team Leader/PTA/Meadowlink TMA/School Safety Patrol	Short-term/ ongoing	Low	
A20	Create web-based traffic safety quizzes that include bicyclist, pedestrian and motorist safety questions on the school website	Board of Education/Meadowlink TMA	Short-term	Low	

No.	Action (Township-wide)	Partners	Timeframe	Cost	Notes
A21	Initiate a public education program/campaign, such as Street Smarts, that uses a dual approach of media and community relations to educate and raise community awareness about traffic safety issues for all users	Meadowlink TMA	Short-term	Low - Medium	
A22	Provide better training for the aid on the school bus	SRTS Coordinator/Board of Education/	Short-term	Low	
Enfo	rcement				
A23	Conduct a series of "pedestrian decoy" operations at conflict intersections to strongly reinforce that Montclair takes its motor vehicle laws and pedestrian rights seriously. Consider repeating every six weeks until driver behavior is perceived to be more respectful of pedestrian's right to travel safely	Police Department/ NJHTS/Rutgers University	Short-term	Low - Medium	
A24	Continue bicycle and pedestrian safety education within the school system	Board of Education/Police Department/Meadowlink TMA/Bike&Walk Montclair	Short-term/ ongoing	Low	
A25	Use crossing guards to hand out safety information and information on the NJ Pedestrian Crossing Law	Police Department	Short-term/ ongoing	Low	
A26	Create a zero tolerance traffic enforcement program and assign extra patrol to these areas during arrival and dismissal	Police Department	Short-term	Low	

No.	Action (Township-wide)	Partners	Timeframe	Cost	Notes		
A27	Strictly enforce the 25 mph speed limit on all Township streets	Police Department	Short-term	Low			
Enco	Encouragement						
A28	Host a poster contest for International Walk and Bike to School Day	SRTS Coordinator	Short-term	Low			
A29	Circulate school walking and bicycling event information with municipal utility or tax bills.	SRTS Coordinator	Short- term/On- going	Low			
A30	Create a pamphlet/palm card/ and/or any other print or web material geared towards parents highlighting the benefits of walking and biking to school	SRTS Coordinator/NJ SRTS Advocacy Organizer	Short-term	Low			
A31	Have designated walking school bus meeting points mapped and signed for all elementary and middle schools	Police Department/ Board of Education	Short-term	Low			
A32	Create and publish a press release detailing the school's involvement in the SRTS program and the Travel Plan developed for the school.	SRTS Coordinator	Short-term	Low			
A33	Use Channel 34 and the Township website to provide public safety information, events, messages to residents related to bicycling and walking such as bike and walk to school day	SRTS Coordinator	Short-term	Low			
A34	Apply for funding to create a transportation matching and participation program at each school that will link parents/students interested in carpooling, biking, or walking to and from school.	Board of Education/SRTS Coordinator/Meadowlink TMA/NJDOT	Short-term	Low	Use Florida DOT's SchoolPool as an example.		

No.	Action (Township-wide)	Partners	Timeframe	Cost	Notes			
A35	Create and sign a joint powers agreement for maintenance of bike/pedestrian facilities	County	Short-term	Low				
A36	Adopt a resolution endorsing the Renaissance at Rand SRTS Travel Plan	Board of Education	Short-term	Low				
A37	Market/brand Montclair's SRTS Program as "Montclair's Active & Safe Routes to School Program"	SRTS Coordinator/Board of Education/SRTS Team Leader	Short-term/ ongoing	Low				
Evalu	Evaluation							
A38	Conduct student travel surveys in all schools to determine and measure how students travel to school	Board of Education/Rutgers VTC	Short-term	Low				
A39	Designate weeks on the school calendar to conduct traffic counts at the beginning and end of the school year	SRTS Coordinator/Board of Education/SRTS Team Leader	Short- term/On- going	Low				

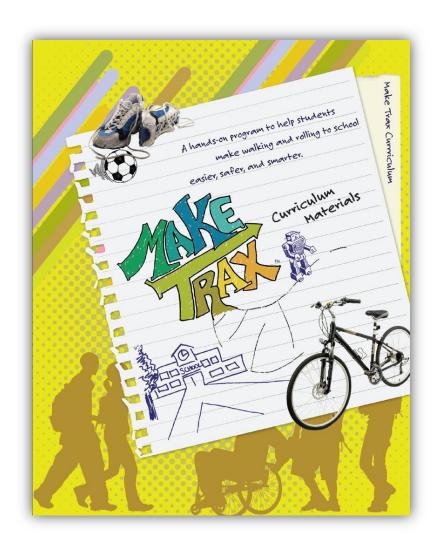
## Montclair Safe Routes to School Program Safe Routes to School Travel Plan – Renaissance at Rand Middle School

### **Appendix E. Samples of SRTS Educational Materials**

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#### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

SRTS Curriculum



#### http://saferoutesmichigan.org/maketrax

#### Message:

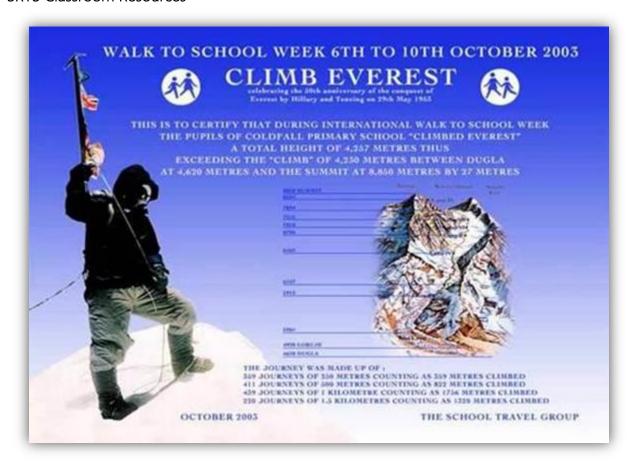
• The adoption of a pedestrian/bicycle curriculum by a school or school district helps assure that children will receive repeated age-appropriate education.

#### **Background:**

Michigan Fitness Foundation's Make Trax Curriculum is geared toward middle school aged children and making the SRTS program "cool." The curriculum has 8 different lessons to hook the pre-teens' interest including mapping technology, fieldwork lessons, how to gather data and photography.

#### Safe Routes to School Travel Plan – Renaissance at Rand Middle School

SRTS Classroom Resources



Source: Coldfall Primary, London, UK provided by <a href="https://www.iwalktoschool.org">www.iwalktoschool.org</a>;

#### Message:

In the classroom, SRTS education can be integrated into existing topics. A few examples of of integrating SRTS education are:

- Safety education can be infused into traditional classroom subjects such as language arts or science taught by the classroom teacher.
- Math: calculating average walking speeds or distances.
- Biology: walk to collect samples, observe nature.
- Reading: read about nature, walking.
- Language arts: write about walking, what see on way to school, design posters to encourage walking.
- Geography: track mileage and plot on a map. Learn about places that the school or class "visits."
- Arts: Photography contests, drawing contests where students depict their routes to school

#### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

Sample Door Tag Template



For further information regarding File Preparation click on the link below:

http://www.48hourprint.com/preparing-files.html

Sample Text for Door Tag





# SHOVELING YOUR SIDEWALK

## IT'S THE NEIGHBORLY THING TO DO!

(IT'S ALSO THE LAW)

Make Chicago safe for everyone by clearing snow and ice from the public sidewalks around your property.

We are all pedestrians at some point in the day, whether walking to the bus, to a car, or to a neighborhood store. Without a wide, clear path, snow and ice on the sidewalk make it difficult for everyone -- especially people with disabilities, seniors, and children -- to walk safely.

Be a good neighbor and offer help to those in your community who are physically unable to clear their own sidewalks.

Chicago Municipal Code, sections 4-4-310 and 10-8-180, specifies that both homes and businesses must clear snow from sidewalks next to their property.

## Please help make Chicago safe for everyone!







### LIMPIE LA NIEVE DE LA ACERA

## ¡ES LO QUE DEBE HACER UN BUEN VECINO!

(TAMBIEN ES LA LEY)

Ayude a hacer que Chicago sea una ciudad segura para todos y limpie la nieve y el hielo de las aceras públicas alrededor de su propiedad.

En algún momento del día, todos somos peatones, cuando caminamos al autobús, al carro o a la bodega. Es difícil para todos pero especialmente para personas con discapacidades, personas de la tercera edad y niños caminar con seguridad por la acera sin un camino ancho y limpio de nieve y hielo.

Sea un buen vecino y ofrezca ayuda a las personas en su comunidad que no tienen la capacidad física de limpiar las aceras alrededor de sus propiedades.

Código Municipal de Chicago, secciones 4-4-310 y 10-8-180, especifica que las casas y los negocios deben limpiar la nieve de las aceras públicas alrededor de su propiedad.

¡Por favor, ayude a hacer que Chicago sea un lugar seguro para todos!

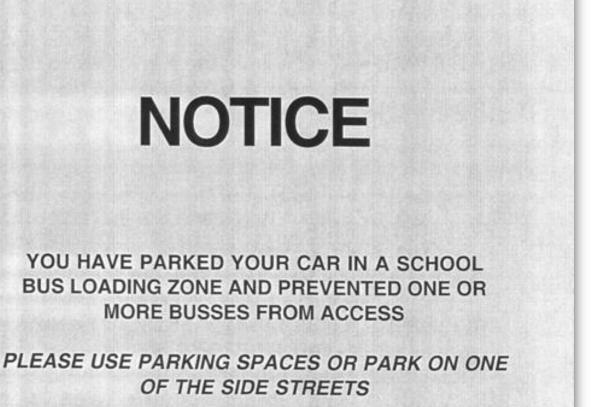






Source: www.cityofchicago.org

Windshield Warning



Source: Los Alamitos, CA, provided by David Parisi

# Montclair Safe Routes to School Program Safe Routes to School Travel Plan – Renaissance at Rand Middle School

## **Appendix F. SRTS General Resources**

Student Pledge



#### Student Pledge

## As a Pedestrian/Bicyclist Safety Smart Student I Promise to always...

- 1. Stop and Look Left, Right, and Left again before I cross the street.
- 2. Wear and buckle a bicycle helmet every time I ride my bicycle.
- 3. Stay alert when walking and bicycling I will watch out for all other traffic around me.
- 4. Wear bright colors if I am walking or bicycling during the day so I can be seen.
- 5. Take extra care if walking or bicycling in low visibility conditions or at night. I will wear retro-reflective gear and carry/wear a bright light or have required bike lights.
- 6. Walk on a sidewalk if one is present, if not, walk facing traffic.
- 7. Always bicycle in the same direction as traffic whether riding on the sidewalk or road.
- 8. Stay 5 giant steps away from the street when I'm waiting for a bus.
- 9. Stop, Look and Listen before I cross railroad tracks and never play on or near the tracks.

Student's Name	Date	

Colorado Safe Routes to School ~ www.saferoutesinfo.org ~ srts@dot.state.co.us ~ (303) 757-9088

Parent Pledge



#### Parent Pledge

As a Pedestrian/Bicyclist Safety Smart Parent
I Promise to set a good example for my children and all children by
making sure that....

- 1. My children know to Stop, Look Left, Right, and Left again before crossing the street.
- 2. All family members must wear and buckle a properly fitted bicycle helmet every ride.
- 3. Family members must always stay alert for traffic (no cell phones or earphones), especially when walking and bicycling.
- 4. Everyone stays 5 giant steps away from the street when waiting for a bus.
- 5. My family wears bright colors and reflective markers to be seen in the dark.
- 6. My children know to Stop, Look and Listen before crossing railroad tracks and never to play on or near the tracks.
- 7. My child walks/bicycles to school with me or with a group of children led by a responsible parent, adult or older sibling.
- 8. I lead and encourage others around my child to lead by example by demonstrating smart and safe pedestrian and bicycle behavior at all times.
- I ensure the safety of all pedestrians and bicyclists by driving cautiously, especially around children of all ages.

Damand's Manage	D-4-
Parent's Name	Date

 $Colorado\ Safe\ Routes\ to\ School \sim www.saferoutesinfo.org \sim srts @dot.state.co.us \sim (303)\ 757-9088$ 

#### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

Community Pledge

# Safe Routes to School Pledge to Renaissance at Rand Middle School's Children

## Take the Pledge

In the last 35 years, our children have lost a lot of the freedom and independence they once had to explore our neighborhoods. As we have designed our communities around automobiles, activities like walking or bicycling to school have declined dramatically. We believe it's time for a change. We pledge that by the time the sixth grade class of 2013 graduates high school, the majority of school trips will once again be made safely by foot or bicycle.<sup>3</sup>

To our children, we pledge to make your health and safety our number one priority, including to:

- Make the streets safe, convenient and attractive enough to let you walk or bicycle to schools.
- Ensure the streets around your schools have frequent, safe places to cross.
- Drive slowly through school zones.
- Enforce traffic laws in school zones and neighborhoods to slow down motor vehicle traffic.
- Locate schools within walking and bicycling distance of as many pupils as possible.
- Reduce the amount of traffic around your schools.
- Provide secure bicycle parking at your schools.
- Teach traffic safety skills routinely throughout your school career: first as a pedestrian, next as a bicyclist, and then as a motorist.
- Encourage staff and students at your schools to walk and bicycle more often.

#### **Signed** (any combination of the following),

Mayor Township Council Township Manager/Administrator Township Engineer/Public Works Township Planner Township Police

School District Board of Education School Principal School Teacher(s) School Nurse PTA/Parents/Caregivers

Community Liaison
Other community groups

<sup>&</sup>lt;sup>3</sup> Pledge to Children is based on the Active Living Resource Center's SRTS Pledge.

#### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

#### Bike Rack Considerations for Placement

#### Bike Racks

Students must have a functional, secure place to park their bike once they reach school. Not having a well planned bicycle parking option can lead to several undesireable outcomes, such theft, damage and locked bikes in or on critical safety infrastructure like emergency exits, hand rails and fire hydrants.

According to the Association of Pedestrian and Bicycling Professionals Bicycle Parking Guidelines, there are four elements to a bicycle rack system:

#### 1. The Rack Element

The rack element is the part of the bike rack that supports one bicycle. A good bike rack element holds the bike frame without bending the wheel and should have no moving parts. Rack elements are typically constructed of metal in an inverted u-shape, which allows for a variety of bicycle sizes and locks.

#### 2. The Rack

A rack is one or more rack elements joined on any common base or arranged in a regular array and fastened to a common mounting surface. Anchor the rack so that it cannot be stolen with the bikes attached and provides easy, independent bike access. Inverted u-shaped rack elements mounted in a row should be placed on 30" centers, allowing two bicycles to be secured to each rack element.

#### 3. The Rack Area

The rack area is a bicycle parking lot where racks are separated by aisles and may contain one or more racks. If possible, the rack area should be protected from the elements using any combination of structures, like a wall and awning. Try to avoid locating a bike rack area on grass or dirt as a rainy day can turn the bicycle parking lot into a mess. Instead, locate the bike rack area on a concrete pad.

#### 4. The Rack Area Site

The rack area site is the relationship of the rack area to a building entrance and approach. Locate the bike rack area within visibility of the building entrance it serves and consider the route cyclists' use to approach that entrance. Bike rack areas should be sited in a space that minimizes vandalism and maximizes use, while avoiding conflicts with driveways, buses, and large numbers of pedestrians.

Ideally, rack areas should be sited as close, or closer, than the nearest car parking space and provided near all high traffic building entrances. When choosing between a larger bicycle rack area or multiple smaller rack areas, it is preferred to choose multiple locations that are more convenient to users.



Engineering 3-36

Source: Safe Routes to School Guide, www.saferoutesinfo.org

## Safe Routes to School Travel Plan - Renaissance at Rand Middle School

NJ SRTS Info Sheet

	NJ Department of Transportation (NJDOT)	Voorhees Transportation Center (VTC)	Transportation Management Associations (TMAs)	Safe Routes to School National Partnership
Description:	NJDOT supports Safe Routes to School and Complete Streets initiatives in NJ. NJDOT provides infrastructure SRTS <u>federal grant</u> funding to schools and communities and provides assistance with non-infrastructure programs through the <u>SRTS Resource Center</u> .	VTC is the home of the NJ Safe Routes to School Resource Center and the New Jersey Bicycle and Pedestrian Resource Center.	New Jersey's 8 TMAs each offer assistance in their service areas by forming alliances with non-profit, public/private sectors to assist local businesses, governments, and schools with transportation services and to solve transportation problems or issues.	The SRTS National Partnership is a non-profit organization provding assistance for safe walking and bicycling. The Partnership is a network of over 600 organizations, agencies, schools and professional groups.
How does this affect New Jersey?	NJDOT provides the following resources to communities:  Statewide Bike / Ped coordinator Statewide SRTS coordinator Grants administered through the <u>Division of Local Alid</u>	These centers provide primary research, education, and outreach about best practices in policy and design to create safer and more accessible walking and bicycling.	TMAs are familiar with all transportation in their service areas and can provide advice and assistance at the local level related to mass transportation, ridesharing, walking, and bicycling and walking.  Each TMA employs a SRTS Regional Coordinator who is the point person for all SRTS activities and events in the area.	New Jersey is one of 7 states in the National Partnership's State Network Project. Policy goals are:  Leverage funding & increase obligation rates of federal funding. Facilitate Complete Streets policies and implementation Advance joint-use/shared use agreements
Contact if you are looking for:	Information on infrastructure grants     Information on statewide projects     Contact with the state SRTS Coordinator     Contact with the state Bike/Ped Coordinator	The NJ SRTS Resource Center provides:  Web-based resources on SRTS in New Jersey Regularly updated NJ SRTS blog A recognition program to acknowledge SRTS Successes Primary research Helpdesk assistance Technical Assistance Tools Tips and Training	TMA SRTS Coordinators provide:  Iechnical Assistance Assistance with walk and bike to school and education events Guidance for creating School Travel Plans Help with grant writing Promote Complete streets policies	The partnership contributes to communities through:  • Advocacy • Policy Change • Best Practices & Technical Assistance • Publications
Websites and social media:	Websites: http://www.state.nj.us/transportation/community/srts / http://www.state.nj.us/transportation/eng/completest reets/	Websites: http://www.saferoutesnj.org/ http://www.nibikeped.org/ http://www.policy.rutgers.edu/rtcp http://www.facebook.com//TCrutgers Twiter: @VTC_Rutgers	Each TMA offers SRTS information on the SRTS sections of their websites. Go to <a href="http://www.saferoutesni.org/about/regional-coordinator-fmas/">http://www.saferoutesni.org/about/regional-coordinator-fmas/</a> , to locate your SRTS Regional Coordinator Most TMAs also have Facebook pages. Go to their websites for more information.	Website: http://saferoutespartnership.org/ Blog: http://asferoutespartnership.org/blog Facebook/ Facebook/ Partnership Partnership Twitter: @SafeRoutesNow
Contact Information:	Elise Bremer-Nei—State SRTS Coordinator Sheree Davis—Bicycle and Pedestrian Coordinator David Kuhn—Assistant Commissioner, Capital Investment, Planning and Grant Administration strandorstale nius bicycle advocate@dot state nius	Leigh Ann Von Hagen—Senior Research Specialist Sean Meehan—Project Manager Maeve Johnston—Project Coordinator <u>sris@eib.ruters.edu</u> 848-932-7901	Find your TMA and your local SRTS Coordinator by visiting http://www.aaferoulesni.org/about/regional- coordinator-tmas/	Deb Hubsmith – Director 415-454-7430 deb@saferoutespartnership.org Laura Torchio—NJ Advocacy Organizer 973-783-5939 laura@saferoutespartnership.org
Funded by:	Federal Highway Administration(FHWA)	NJDOT/FHWA	NJDOT/FHWA	The Robert Wood Johnson Foundation Hosted by the Bikes Belong Foundation

NJ SRTS Recognition Program







NEW JERSEY
Safe Routes to School

www.saferoutesnj.org

# Enroll in the New Jersey Safe Routes to School Recognition Program

Participants can be: Schools (public, private, or charter) and municipalities.

#### Level

#### Achievements



### **Get Going!**

Get your SRTS program established.

- · Complete a nomination form online
- Identify a SRTS champion (champions can be PTA reps, principals, teachers, municipal reps, local bike/ped advocates, others.)



## Build Momentum!

Start annual traditions and build SRTS awareness.

- · Complete First Step achievements
- Endorsement letter or Resolution of Support from municipal government, school board or other equivalent body
- Hold at least two SRTS programs or events such as walk to school day or a bike clinic



### Achieve Sustainability!

Help your municipality get Sustainable Jersey certified.

- Meet Bronze Level achievements
- · Meet one of the following requirements:
  - Hold a total of 4 or more SRTS events
  - · Create a School Travel Plan
  - Conduct SRTS tally, parent/caregiver survey or walk/bike assessment



## Keep it Going!

Make your SRTS program part of your school's identity.

- Meet Silver Level achievements
- Show ongoing support from PTA, PTO, Green Team, etc.
- Complete at least two higher level SRTS projects from the approved list

Get started! Visit us at saferoutesnj.org for more information and to contact your regional coordinator.

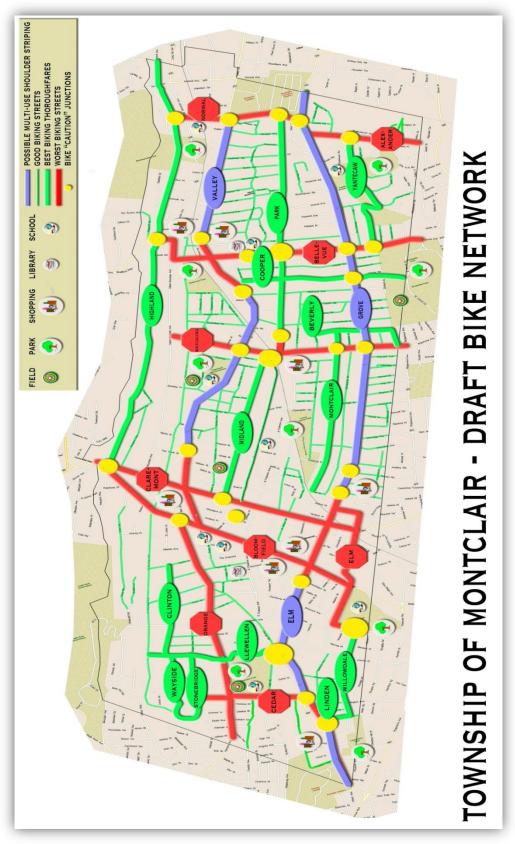
Nomination form deadlines: December 1 and May 1.

You can also **become a friend** of the New Jersey Safe Routes to School Program by completing an online enrollment form and agreeing to support, promote, and encourage SRTS programs.

## Montclair Safe Routes to School Program Safe Routes to School Travel Plan – Renaissance at Rand Middle School

## **Appendix G. Montclair-Specific Resources**

Township of Montclair Draft Bike Network Map



Source: Township of Montclair Bike/Ped Action Plan, Michael Baker Associates, 2005

#### Safe Routes to School Travel Plan – Renaissance at Rand Middle School

Bike&Walk Montclair Bicycle Education Program



## **Smart Cycling Classes**

#### Learn to Ride Kids

Is your child at that age where he or she wants to ride a two-wheeler? If so, this class is for you.

This class teaches a safe, easy, effective way to learn to ride. Using this "balance first" method, Our facilitators help get these children rolling while the child does most of the work. Participants learn the basics of balancing, starting, stopping, and steering a bike, as well as proper helmet fit and adjustment. Most people learn to ride their bike while taking the class, but even if they don't, they will leave with an easy, hands-free, crash-free, and low-stress way to learn to ride.

#### Learn to Ride Adults

This is the same course as the Kids Learn to Ride, but has been tailored specifically for adults.

#### Ride Rodeo Workshop

This workshop takes those who have demonstrated that they can ride their bikes, and enhances their skill levels to be able to ride on the streets and trails. This is for young people and adults alike.

This year we are also reaching out to Safe Routes to School (SRTS) initiatives, as well as School PTAs and Church Groups in our area to offer customized Ride Rodeos as part of a larger bike safety awareness program. Contact us for details.

#### Street Savvy Cyclist

Bike&Walk Montclair's goal is more bikes and feet on every street. We start by showing you how to be visible, predictable and courteous to motorists, pedestrians, and other cyclists. You'll see a short video about road safety from a "Kid's Eye View" of the road. We'll take you through the proper way to enter and progress through intersections. Most importantly, we all go out on a short ride through the streets of Montclair. We encourage families to take the class together. Learn the safe way to be smart cyclists, individually, and as a group. Once the class is over, we will help you find a group ride for your skill set and schedule.

#### All Classes & Workshops

All classes and workshops, whether Learn to Ride or organization-specific Ride Rodeos, are taught by Certified Instructors from the League of American Bicyclists (LCIs)

Learn to Ride: Weekends April through September

Montclair High School Faculty Parking Lot North Fullerton Avenue (at Chestnut Street)

**Duration:** Approximately 2 hours

#### Refreshments Provided



#### Registration

Online registration is requested for the Learn to Ride classes prior to the class to insure enough instructors are on hand:

http://bikewalkmontclair.org/bike-edu/smart-cycling-course/

Registration at Rideo Rodeos through the SRTS initiatives, and through Church groups will be handled through the school PTAs and the specific organizational bodies invloved.

#### Contact

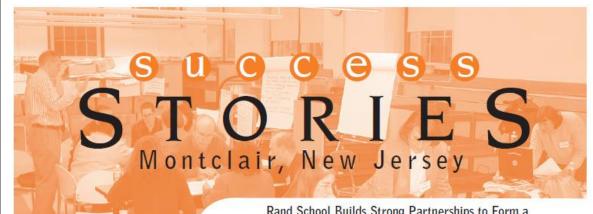
### Education Committee

education@bikewalkmontclair.org or phone (973) 280-9686 for more information

Safe Routes to School Travel Plan - Renaissance at Rand Middle School

**Appendix H. Rand Elementary SRTS Program Background** 

NJDOT SRTS Program Brief: Rand Elementary School, Montclair, NJ



#### Key Facts

- Municipal representatives were already on board with many SRTS goals as demonstrated through their township-wide traffic calming program and their Bicycle/Pedestrian Action Plan.
- · Community concerns included:
- Personal safety of students walking and biking
- Adequacy of facilities on which to bike or walk
- Both health- and bicycle-related advocacy groups were engaged in the workshop planning process from the beginning.

#### Innovative Ideas

- Involve local advocacy group and concerned citizens in the SRTS collaboration process.
- Explore PTA and/or Board of Education committees as potential partners.
- Actively involve students in developing the SRTS vision and plan of action
- Collect student feedback in the form of papers, art projects, etc.

#### Rand School Builds Strong Partnerships to Form a Committed SRTS Team

During the spring of 2005, The New Jersey Department of Transportation (NJDOT) selected Rand Elementary School in Montclair, NJ to participate in a Safe Routes to School (SRTS) Demonstration Program. The program aimed to demonstrate how communities can collaborate on SRTS improvements by developing relationships among the school, municipality and community. The Rand School, an Environmental Magnet School, and the Township of Montclair exemplified collaboration by forming a diverse and knowledgeable team – several individuals who came together with the common goal of making walking and bicycling safer for the children of Montclair. Building these relationships allowed this team to lead a successful SRTS workshop, at which goals and strategies for their SRTS Travel Plan and the overall program were identified.

Because implementing a School Travel Plan requires the pro-active interest of several community members, the initial coordination team — consisting of representatives from both Rand School and Meadowlink Transportation Management Association (TMA) — sought to expand their group by reaching out to stakeholders who would be able to share insight into Montclair-specific SRTS goals. Each stakeholder was invited to become a member of the SRTS team and participate in a SRTS workshop, where the team would devise a SRTS Travel Plan.

In October 2005, twenty-three SRTS team members, including teachers, parents, community members and local government representatives, attended the SRTS "Day of Discovery" planning Workshop. The group put their heads together to identify issues and actions that promote children walking and biking to school. This brainstorming session included on-site observations of students' arrival and departure, along with discussion of local issues.

#### DESILITS

The following representatives participated in the Rand School SRTS workshop:

#### School Representatives

Parents/PTA – Two parents, both involved in the Montclair PTA Health and Wellness Initiative, served on the initial coordination team that began building the larger SRTS team. Jodi Godfrey and Bob MacLay invested much time and effort into garnering support for the SRTS program from both the Rand School community and the School District as a whole. In addition, both used their previous involvement in public health and bicycle advocacy respectively to reach out to influential players in both fields – locally and statewide. Parents, representing both Rand School and other schools in the district, helped to identify obstacles to walking and bicycling on the various routes to school.

Teachers – Susan Bartol, an Environmental Science teacher at Rand, was also part of the initial coordination team. She rallied support for SRTS from the Rand School faculty and staff. In addition, Evelyn Gonzalez Spivey, the Principal at Rand School, encouraged support for the program by asking fifth grade teachers to include SRTS in their classes (see results in 'students' section). Two other teachers, along with the Rand School's Family Coordinator, joined the workshop, providing insight into the students' attitudes toward walking and bicycling.

#### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

Students – Fifth graders at Rand Elementary School spent the weeks before the training workshop learning about Safe Routes to School. They formed teams and created SRTS posters with mottos and tips on how to be safe walking/biking to school. They presented the posters to workshop attendees, identifying their routes to school and their perceived obstacles to walking and biking. They called their project "a patriotic stand to make it safer to walk or ride your bike to school." A few of their safety tips included: don't talk to strangers; wear a helmet; know where you are; and stay close to an adult.

Municipal Representatives

Montclair Township had outstanding representation at the brainstorming workshop, as representatives from the Montclair Police, Engineering and Environmental Departments participated in the meeting. Two police officers provided information on traffic safety issues in Montclair, while Kim Craft, the Township Engineer, elaborated on the role that infrastructure design can have on improving the safety of school walking routes. Finally, Gray Russell, Township Environmental Coordinator, offered insight into how SRTS can improve the environmental quality of life in Montclair; an example involves reducing diesel bus emissions.

The SRTS Program for the Rand School fits well with some of the other initiatives in which the Township has been involved. For several years, the Township has been engaged in streetscape and traffic calming enhancements. They have also recently completed a NJDOT-funded Bicycle and Pedestrian Action Plan that outlines several townshipwide improvements needed to make bicycling and walking more safe and appealing.

#### Community Representatives

Representation from community and regional advocates for bicycling and walking also shared their input at the brainstorming meeting. *Bike Montclair* sent several members who were able to comment specifically on bicycle issues that may affect the development of safer routes to Montclair's schools. Other *Bike Montclair* initiatives include the annual "Tour de Montclair" bicycle ride each

May and the "Drive 25" campaign. In addition, a crossing guard from the Rand School area shared her stories, which illustrated a need for motorists to show greater respect for and awareness of pedestrians and cyclists. Finally, a representative from Meadowlink Transportation Management Association (TMA) provided a regional perspective on SRTS.

The Vision for Rand School, which was developed at the SRTS Day of Discovery Planning Workshop, reflects the team's diverse interests:

Rand School and Montclair Township envision a Safe Routes to School Program that enables children to walk to school safely; increases the amount of physical activity the children perform daily; encourages adult residents to help children become familiar and comfortable with their community in the form of Safe Havens and Neighborhood Watch Groups; urges motorists to respect non-motorized forms of transportation; and contributes to a more environmentally sustainable community, including a reduction in diesel bus emissions.







For more information: Susan Bartol Rand Environmental Specialist sbartol@montclair.k12.nj.us

Jodi Godfrey Rand PTA Health & Wellness Initiative jodigodfrey@comcast.net

> Rosaria Ippolito Meadowlink TMA info@meadowlink.org

Bob MacLay Montclair PTA Health and Wellness Initiative maclundry@att.net

#### Resources:

Safe Routes to School Toolkit (NHTSA)
www.nhtsa.dot.gov/people/injury/
pedbimot/bike/Safe-Routes-2002/toc.html
Safe Routes to School "Practice and
Promise" (NHTSA)
www.nhtsa.dot.gov/people/injury/
pedbimot/bike/Safe-Routes-2004/
Safe Routes to School Guidance (FHWA)
http://safety.fhwa.dot.gov/saferoutes/
srtsquidance.htm

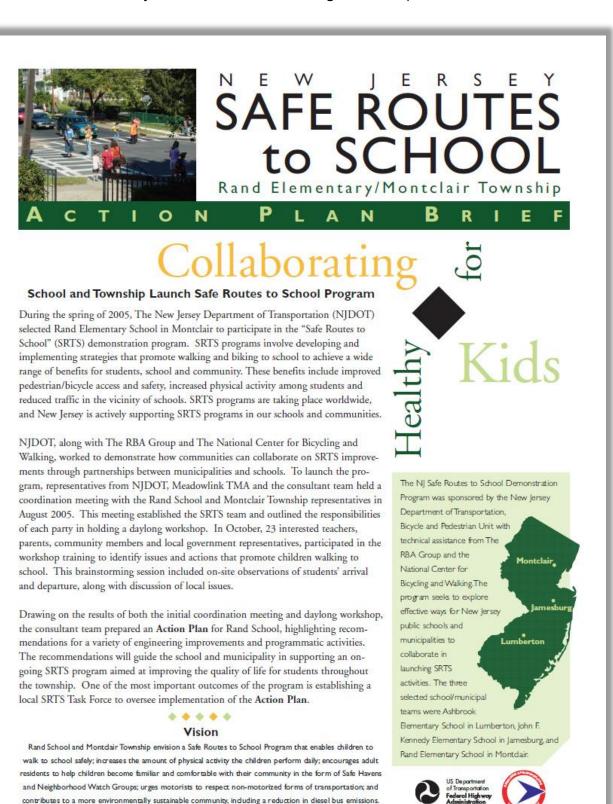




Rand Elementary School (grades K-5) . . . . . . . . . . . . . . . . . approx. 390 students

#### Safe Routes to School Travel Plan – Renaissance at Rand Middle School

NJDOT SRTS Success Story: Rand School Builds Strong Partnerships



#### Safe Routes to School Travel Plan – Renaissance at Rand Middle School

#### New Jersey Steps Up Safe Routes Initiatives

After the recent passage of SAFETEA-LU, the federal transportation bill, \$612 million in Safe Routes to School (SRTS) funding will be divided among the 50 states based upon student enrollment as determined by the United States Department of Education. Of the allotted monies, \$15 million will come to New Jersey over the next five years. As outlined in the bill, 70-90 percent of SRTS funds can be used for infrastructurerelated projects (engineering), while the remaining 10-30 percent can be used for programmatic projects (education, encouragement and enforcement) In addition, the bill requires each state to hire a full time SRTS Coordinator in order to become eligible for federal SRTS funding. Elise Bremer-Nei will serve as New Jersey's SRTS Coordinator out of the NJDOT Office of Bicycle and Pedestrian Programs. She can be reached at (609) 530-2765 or elise.bremer-nei@dot.state.nj.us.

### Rand Fifth Graders Spread the Word on SRTS

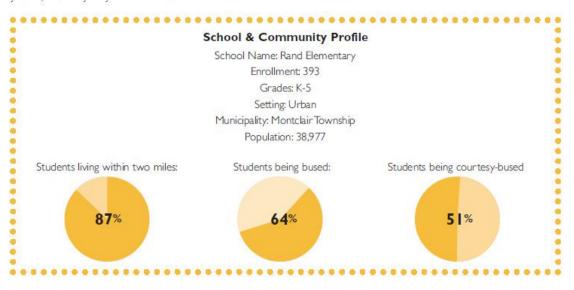
Fifth graders at Rand Elementary School spent the few weeks before the training workshop learning about Safe Routes to School. They formed teams and created SRTS posters with mottos and tips on how to be safe walking/biking to school. They presented the posters to workshop attendees, identifying their routes to school and their perceived obstacles to walking and biking. They called their project "a patriotic stand to make it safer to walk or ride your bike to school." A few of their safety tips included: don't talk to strangers; wear a helmet; know where you are; and always stay close to an adult.

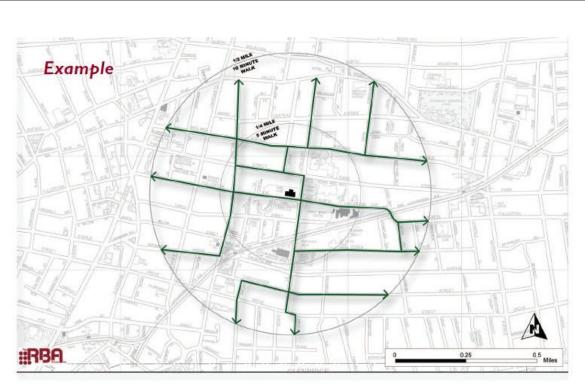
#### Local Task Force Oversees Ongoing SRTS Program

Implementing Action Plan recommendations requires pro-active interest of people in the community - the SRTS Task Force including parents, teachers, school board members, municipal officials, advocates and others who understand the benefits of bicycle and pedestrian access to schools. The Task Force should meet periodically to advance the recommendations made in the Action Plan and gauge the progress of the program as a whole. Although this gauging of the process may seem a tedious task, it can actually be quite simple. Key indicators of a successful SRTS program include: an increase in the number of children walking/biking to school; a decrease in the number of vehicles (cars and/or buses) present at drop-off and pick-up time; a lower travel speed and/or speed limit near the school; a higher number and/or quality of sidewalks and bike lanes/paths; and a decrease in levels of air pollution.

#### Key Issues

- Abduction and child predators are major fears among parents in Montclair who do not allow their children to walk and/or bike to school.
- Driver behavior is a major concern among parents, as they do not trust motorists to respect the rights of pedestrians/cyclists.
- Montclair crossing guards alone cannot ensure the safety of children walking and biking to school; they need additional support from the school and municipality.





RECOMMENDED WALKING ROUTES

Rand Elementary School, Montclair, NJ Recommended Walking Routes

Dec, 200

#### **Engineering Recommendations**

Improving the walking and biking environment

- · Redefine drop-off/pick-up zones
- Create a part time car-free zone on N. Fullerton Avenue
- Enhance bike parking
- · Install pedestrian scale lighting around the school
- · Define the school zone
- · Widen sidewalks along school property
- · Install driver speed feedback signs
- · Install high visibility crosswalks
- · Install traffic calming elements (e.g. speed humps)
- · Complete sidewalk on N. Fullerton Avenue, east side

#### **Education Recommendations**

Building understanding that supports change

- Offer parent education programs
- Offer student education programs
- · Collect student feedback in the form of papers, art projects, etc.
- · Integrate biking/walking issues into driver education programs
- · Hold media and public information campaign

#### **Enforcement Recommendations**

Raising driver awareness

- · Enforce traffic safety laws (speeding, cell phones, etc.)
- · Establish a neighborhood watch program
- Allow crossing guards to report disobedient drivers
- Conduct a driver ticketing/warning campaign
- · Utilize speed trailers throughout the community
- Enforce sidewalk building and property maintenance laws
- · Increase presence/visibility of law enforcement

#### **Encouragement Recommendations**

Making it fun to walk and bicycle

- · Establish a task force to carry out the SRTS mission
- Develop a map of travel routes to school (see example above)
- · Hold encouragement programs and contests
- Establish a Walking School Bus program
- Establish a Block Parent Program
- Hold a Bike Rodeo, emphasizing the use of bike helmets
- · Hold Walking Wednesday events throughout the town
- · Hold Walk to School days

This document contains excerpts from a complete Safe Routes to School Action Plan. Please contact the school or municipality for information on the full report.

En-gin-eer-ing creating operational and physical improvements to the infrastructure surrounding schools that reduce speeds and potential conflicts with motor vehicle traffic, and establish safe and accessible crossings, walkways, trails and bikeways

En-force-ment partnering with local law enforcement to ensure traffic laws (i.e. speeding, idling, cell phone, yield-to-pedestrian) are obeyed in the vicinity of schools and initiating community enforcement, such as crossing guard programs.

Ed-u-ca-tion: teaching children and parents about the broad range of transportation choices, instructing them in important lifelong bicycling and walking safety skills, and launching driver safety campaigns in the vicinity of schools.

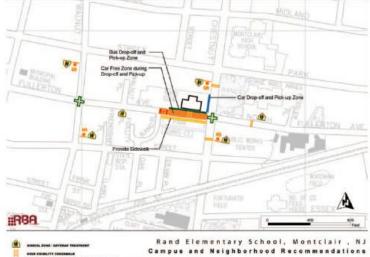
En-cour-age-ment: using events and activities to promote walking and bicycling to school on a regular basis.

E-val-u-a-tion: monitoring and documenting outcomes and trends through the collection of data, including the collection of data before and after the intervention.









#### **Campus Improvements**

Congestion and pedestrian safety issues on Fullerton Avenue during drop-off and pick-up lead to unsafe conditions for pedestrians and cyclists. A proposed solution calls for temporary closure of Fullerton Avenue - between Rand Place and Chestnut Street (illustrated above) - to automobile traffic; bus traffic will still be allowed. This would eliminate the conflicts with automobile traffic for students and staff that cross Fullerton Avenue. Students arriving by bus would be dropped off at the Fullerton Avenue entrance, while children arriving by car would be dropped off at the side entrance on Chestnut Street.

In addition, lack of adequate pedestrian crossings/sidewalks and perceived excessive traffic speeds compromise safety. These issues can be remedied with a combination of treatments, including:

- Pedestrian-scale lighting
- New sidewalks
- · Sidewalk widening
- Enhanced bike parking
- Curb extensions
- · Raised intersections
- · Speed humps
- Speed Trailers
- Driver feedback signs

Dec. 2005

The Action Plan recommends priority projects and activities that the school, municipality and community can advance to promote safe walking and biking to school. The Action Plan describes current attitudes and existing conditions, desired outcomes of the program and strategies for achieving those outcomes. It can include maps, concept sketches and "toolbox" templates that guide implementation of action items. Action Plan recommendations reflect the vision and goals discovered through the workshop, survey results and the unique conditions of each school and community. The recommendations range from engineering improvements to programmatic actions (education, enforcement and encouragement).

#### School & Community Coordination Team

Susan Bartol, Environmental Magnet Specialist - Rand School Jodi Godfrey, PTA Health and Wellness Initiative - Rand School

Bob MacLay, At-Large Health and Wellness Liaison - Montclair PTA Rosaria Ippolito, Marketing Coordinator - Meadowlink TMA

Consultant Services: The RBA Group with support from the National Center for Bicycling & Walking and Eng-Wong, Taub & Associates

#### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

Bike&Walk Montclair News, "What's New at Renaissance at Rand", September 2011

Source: http://bikewalkmontclair.org/news/what%E2%80%99s-new-at-renaissance-at-rand/

## WHAT'S NEW AT RENAISSANCE AT RAND?

A Look at Renaissance at Rand: Shaping Up the Streetscape September 14, 2011



Have you noticed the new sidewalks, curb ramps and retaining wall at Renaissance at Rand? The intersection of North Fullerton Ave. and Chestnut St. in Montclair is getting a facelift. The improvements to the intersection and school zone are the result of a federal grant received for the Rand School neighborhood in 2007 which was part of the <a href="NJDOT Safe">NJDOT Safe</a> Routes to School (SRTS) Pilot Program.

The infrastructure improvements include new sidewalk, concrete driveway aprons, corner handicap ramps, solar power lighting and radar speed signage, and installation of new fences.

During the pilot, Rand School and Montclair Township envisioned a SRTS Program that "enables children to walk to school safely; increases the amount of physical activity the children perform daily; encourages adult residents to help children become familiar and comfortable with their community in the form of Safe Havens and Neighborhood Watch Groups; urges motorists to respect non-motorized forms of transportation; and contributes to a more environmentally sustainable community, including a reduction in diesel bus emissions."



This construction is the final phase of a three-part SRTS program grant at Rand School which included educational and encouragement programs for the students, increased police enforcement in the school zone during school hours, and enhancements to pedestrian safety along and across the streets within the school zone. The students who were attending Rand School at the time this grant was awarded, got to experience the educational and encouragement activities as well as the increased enforcement the grant brought. Now that federal authorization for construction has been finalized, and construction has begun, some of those same students from Rand Elementary may now be enjoying these improvements as part of their Renaissance at Rand Middle School experience.

bikewalkmontclair.org/news/what's-new-at-renaissance-at-rand/

2/4

#### Safe Routes to School Travel Plan - Renaissance at Rand Middle School

4/11/13

Bike&Walk Montclair » WHAT'S NEW AT RENAISSANCE AT RAND?

For the back story, check out:

- · NJ SRTS Program Brief: Rand Elementary School, Montclair, NJ
- · NJ SRTS Success Story: Rand School Builds Strong Partnerships

There's more to come. Prepare for similar improvements to school zones throughout Montclair as part of the second round of federal funding which was awarded to Montclair Township in 2009. This town-wide grant is currently being authorized and will cover school zone infrastructure improvements, enforcement enhancement and school/community encouragement programs at Montclair's public elementary and middle schools.

Bike&Walk Montclair has played a key role in both the Rand School and the Township-wide SRTS programs, helping to initiate a SRTS Task Force and apply for federal funding. For the past 4 years, Bike&Walk Montclair has worked closely with the Montclair Public Schools Health & Wellness Partnership and Montclair YMCA to institute Walk & Bike to School Day in the public schools and Crossing Guard Appreciation Day to coincide with it. Parent Health & Wellness PTA Liaisons are busy planning to participate in International Walk & Bike to School Day on Wednesday, October 5, 2011. This year, we'll celebrate how walking and bicycling to school help us to make healthy choices easier with our Eat Play Live. Better partners. Save the date and watch for more info to come!

For more information on the status of Montclair's Safe Routes to School Program, contact:

Alex Kent, Community Liaison & SRTS Coordinator Montclair Health & Wellness Partnership akent@montclairhealthandwellness.org



#### One Response to "WHAT'S NEW AT RENAISSANCE AT RAND?"

 Elise Bremer-Nei Says: September 15th, 2011 at 9:25 am

Congratulations to the Rand School and to all their Montclair partners. This took a lot of work. You totally rock!!

Elise Bremer-Nei, AICP/PP
Safe Routes to School Program Coordinator
New Jersey Department of Transportation
Office of Bicycle and Pedestrian Programs
http://www.state.ni.us/transportation/community/srts/

http://www.saferoutesinfo.org