

PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN



**5100 GLEN CANYON ROAD
FORT WORTH, TX 76136
JULY 2009**

Safe Routes to School Program Park Glen Elementary

**This is a joint project between:
PTA of Park Glen Elementary
PTA of Parkwood Hill Intermediate
PTA of Hillwood Middle
Keller Independent School District
City of Fort Worth**

Special Thanks to the Safe Routes to School Committee:

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David Deleon, City of Fort Worth Police Dept.
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Paige Griesemer, City of Fort Worth Community Relations Dept.
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**Written by:
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1.INTRODUCTION

Our school, Park Glen Elementary (PGE), is committed to ensuring that all our students can utilize physically active transportation, such as walking and bicycling, for a safe and enjoyable trip to school. This Safe Routes to School Plan aims to address the issues that impede active transportation and seeks to strategically solve these problems by implementing a Safe Routes to School program.

Our school is located in close proximity (less than one mile) to Parkwood Hill Intermediate School (PHIS) and Hillwood Middle School (HMS). The three schools joined together to form one Safe Routes to School Committee and worked together on their Safe Routes to School Plans, since future improvements could benefit all three schools. Within the walk zone (2 mile radius), Park Glen Elementary has 536 students, Parkwood Hill Intermediate has 576 students, and Hillwood Middle has 629 students. In addition, although high schools are not currently part of the Safe Routes to School program, Central High School (approx. 3,000 students) is in close proximity as well and would benefit from any improvements that are made. Please see Exhibit-1 for a map showing all three schools within a 2 mile radius, Exhibit-2 for a map showing Park Glen Elementary and its 2 mile radius, Exhibit -3 for Park Glen Elementary's Walking and Bicycling Route Map, and Exhibit-4 for the City of Fort Worth's proposed Bike Master Plan.

Our community is motivated to pursue Safe Routes to School because:

We highly value student physical activity and health.

We wish to improve unsafe and/or insufficient crossings, walkways, and bikeways.

We are committed to reducing speeding and reckless driving near school.

We want to improve the air quality and environment around our school.

We want to encourage healthy lifestyles in our children, to get them active walking/bicycling to and from school and within the community during after school hours.

2. THE SAFE ROUTES TO SCHOOL TEAM

We believe that a diverse Safe Routes to School Team develops the most successful Safe Routes to School Plan. Our Team is comprised of a variety of stakeholders, each lending their own unique perspective and expertise in order to make walking and bicycling to school more safe, accessible, and fun for our students.

The stakeholders on our team include:

The Champion (primary) contact person for our Safe Routes to School Plan is:

Susan Kenney
PTA Coordinator for Safe Routes to School Program
c/o Park Glen Elementary PTA
5100 Glen Canyon Road

Fort Worth, TX 76137
Susan's Phone: (817) 521-8892
Email: SGKAssoc@aol.com
Organization: Park Glen PTA

Stakeholder contributions to the development and /or execution of the Plan:

A Safe Routes to School Committee was formed and included representatives from the School PTA's; School Principals; Keller Independent School District; City of Fort Worth Transportation and Public Works Dept., Police Dept., Crossing Guard Supervisor, and Community Relations Dept. The Safe Routes to School Committee met approximately once a month, and met on the following dates: March 5, 2009, April 2, 2009, and May 1, 2009, July 21, 2009. The following individuals were on the committee:

SAFE ROUTES TO SCHOOL COMMITTEE

NAME	ORGANIZATION	PHONE	EMAIL
Susan Kenney	PTA Rep.	(817) 521-8892	sgkassoc@aol.com
Dawn York	PTA Rep.	(817) 427-2493	dawn.york@charter.net
Sharon Foulon	PTA Rep.	(817) 656-0492	foulon@sbcglobal.net
Darlean Hingorani	PTA Rep.	(817) 233-9412	pramodarlean@sbcglobal.net
Gin Gin Owens	PTA Rep.	(817) 514-6044	gintana@gintana.com
Kellee Lee	PTA Rep.	(817) 656-5284	pnklee@sbcglobal.net
Kathy Knowles	Principal (Parkwood Hill Inter.)	(817) 744-4000	kathy.knowles@kellerisd.net
Carol Wicker White	Principal (Park Glen Elem.)	(817) 744-5400	carol.wicker@kellerisd.net
Jim Joros	Principal (Hillwood Middle)	(817) 744-3350	james.joros@kellerisd.net
Jeff Baker	Keller ISD District Office	(817) 744-1207	jeff.baker@kellerisd.net
Wilma Smith	City of F.W. Transp.&Public Wks	(817) 392-8785	wilma.smith@fortworthgov.org
Don Koski	City of F.W. Transp.&Public Wks	(817) 392-6592	don.koski@fortworthgov.org
JR Barron	City of F.W. Crossing Guards	(817) 925-3304cell	johnny.barron@fortworthgov.org
David Deleon	City of Fort Worth NPO	(817) 201-0183cell	david.deleon@fortworthgov.org
Paige Griesemer	City of Fort Worth Comm.Rel.	(817) 392-6291	paige.griesemer@fortworthgov.org

The two Homeowner Associations where the schools are located were invited to join the committee. Both HOA's were sent notices of all meetings so as to allow them to participate:

Jessica Whisenhunt	Park Glen HOA Manager	(817) 380-7004	jessica.whisenhunt@premiercommunities.net
Veronica Zerpa	Park Glen HOA President		parkglenpresident@yahoo.com
Laurie Lorensen	Parkwood Hill HOA	(817) 798-8831	laurie.lorensens@realmanage.com

Sub-committees were also established for each of the five categories: Education, Encouragement, Engineering, Enforcement, and Evaluation. These committees met on an as needed basis to address the issues for the Safe Routes to School Plan.

All members of the SRTS Committee were very helpful and dedicated to the development of this Plan, and the following briefly lists the contributions that the stakeholders made to the development of this Plan.

The PTA representatives provided:

- conducted the classroom student travel mode surveys
- coordinated the Parent Survey
- provided information on what the PTA did in regards to promoting health and walking/bicycling to school
- organized and participated in the Design Charrette

The City of Fort Worth Transportation & Public Works Dept. provided:

- collected and provided speed and volume data on designated streets around the schools
- visited each school site and examined problem areas in regards to drop off/pick up of students
- provided information on city policies and future plans
- participated in the Design Charrette

The City of Fort Worth Police Dept. provided:

- crash data
- visited each school site and examined problem areas in regards to drop off/pick up of students
- participated in Design Charrette

The City of Fort Worth Community Relations Dept. provided :

- Homeowner Association contact information within the schools' 2 mile radius
- Attended the Design Charrette

The Schools provided:

- information on what they already do in regards to bicycle/pedestrian education or encouragement
- assisted in the classroom student travel mode survey
- assisted in providing information to the parents on the Parent Survey and on the Design Charrette
- attended the Design Charrette

Keller Independent School District (K.I.S.D.) staff provided:

- school population data, boundary data, and walk/bus zone locations
- attended the Design Charrette

3. THE PUBLIC INPUT PROCESS

Our team worked to include the entire community in developing our Safe Routes to School Plan. To accomplish this we:

Administered Parent Surveys. We sent out letters to all parents of Park Glen Elementary, Parkwood Hill Intermediate, and Hillwood Middle School via paper copy and email asking them to complete the survey. They were given the option to click on a link per their email to complete the survey, go to the school's website and complete the survey, or pick up a paper

survey at the school office. For the parent survey we used the National Safe Routes to School Survey, provided by the National Safe Routes to School Program, along with one additional question which was added to gain more details for improvement. The additional question added was: "What would you like to have improved or changed to make walking/bicycling to or from school safer for your child, including any specific street, intersection, and/or sidewalk locations that are a problem or hazard?" The results of this survey can be seen in Appendix-A and Appendix-B.

TOP 5 RESPONSES TO QUESTION #11:

Which of the following affected your decision to allow, or not allow, your child to walk or bike to/from school?

PARK GLEN ELEMENTARY	PARKWOOD HILL INTERMEDIATE	HILLWOOD MIDDLE	ALL 3 SCHOOLS TALLIED TOGETHER
63.5% Safety of Intersections & Crossings	76% Safe of Intersections & Crossings	65.7% Distance	66.8% Safety of Intersections & Crossings
61.5% Speed of traffic along route	66.6% Speed of traffic along route	63.9% Safety of Intersections & Crossings	63.6% Amount of traffic along route
60.6% Amount of traffic along route	66.7% Amount of traffic along route	63.9% Amount of traffic along route	59.0% Speed of traffic along route
49% Weather or climate	61.5% Distance	56% Weather or climate	58.4% Distance
48.1% Violence or crime	60.4% Sidewalks or Pathways	53% Speed of traffic along route	52.4% Weather or climate

TOP RESPONSES TO THE FOLLOWING QUESTIONS (PGE, PHIS, & HMS)

#18: Please provide any additional comments.

#19: What would you like to have improved or changed to make walking/bicycling to or from school safer for your child, including any specific street, intersection, and/or sidewalk locations that are a problem or hazard?

PRIORITY	# OF RESPONSES	COMMENTS & SUGGESTIONS
1	22	Too Many Sex Offenders
2	21	Speed on Park Vista is too fast (from N.Tarrant Pkwy to Basswood)
3	19	Enforce speed limit on Park Vista
3	19	No Safe walking on N. Tarrant Pkwy (from Trace Ridge to Quail Valley)
4	18	Need crossing guard at Parkwood Hill Blvd. & N. Tarrant Pkwy.
5	14	Need safe crossing at Ash River & Park vista (i.e. slow down traffic, crossing guard, flashing lights, cross walk, etc.)
6	13	Enforce speed limit on Park Vista through school zone
7	10	Have police enforce speed limit around schools

8	10	School is too far too walk
9	9	No safe crossing at N.Tarrant Pkwy and Park Vista (also known as Ray White)
9	9	Improve crossing in front of Hillwood Middle (at Milford and in front of school)
9	9	Need additional crossing guard at Park Vista and Redwood Trail
10	8	Need police presence in neighborhood where kids travel

Held a design charrette and two (2) public meetings. In order to gain further public input, the SRTS Committee held a Design Charrette for the Safe Routes to School Plans. A charrette is a multiple-day design and planning workshop held on-site and inclusive of all affected stakeholders. This is an innovative planning tool which involves as many affected persons and government agencies as possible, as well as time efficient, because it gathers all parties together for a multiple day time period to solve problems and find solutions, in what would ordinarily take much longer. A Design Team was put together and included the two members of the City of Fort Worth's Transportation and Public Works Dept. that served on the SRTS Committee and three parents with professional backgrounds in city planning, landscape architecture, and civil engineering.

The SRTS Committee invited parents, students, individuals and entities within the two mile radius and feeder pattern of the schools in order to gain as much input as possible. A notice of the event (an information flyer) was sent via email to the following:

- Parents of Park Glen Elementary via paper copy and email
- Parents of Parkwood Hill Intermediate
- Parents of Hillwood Middle
- Public Improvement District (PID 6)
- Park Glen Homeowner Association
- Parkwood Hill Homeowner Association
- Trace Ridge Homeowner Association
- Heights of Park Vista Homeowner Association
- District 2 City Councilman
- District 4 City Councilman
- Local business: Super Wal-mart, Hillwood Development Co.

The Design Charrette lasted for three days and included a public meeting the first night, May 26th, to gain input from the public. At the public meeting, an informational and educational powerpoint presentation was made. Then the meeting participants were asked to divide into groups of approximately 8-10 individuals around a table with an aerial map in the center. Participants were asked to mark their areas of concern and ideas for solutions on the maps. A note taker was also designated from each group and took notes of individual and group comments during this process. Each group presented their ideas and map to the entire group at the end of the meeting. A public meeting was also held on the last night, May 28th, to gain feedback on proposals from the Design Team for improving walking/bicycling to school. Those present supported the proposals put forth by the Design Team to slow down traffic on main roads such as Park Vista Blvd, Parkwood Hill Blvd, and Redwood Trail which included ideas of roundabouts, raised intersections, pedestrian refuge areas, bike lanes, and street trees. One concern was raised about the safety of having a bike lane between a car travel lane and on street parking, as proposed along Redwood Trail. See Appendix-C for details from the Design Charrette.

In summary, the top six concerns of those attending the public meeting on the first night of the charrette were:

THE TOP SIX (6) CONCERNS OF THE WHOLE GROUP WERE:

- 1) Speed of Traffic all along Park Vista Blvd. (between Basswood and North Tarrant Pkwy) needs to be lowered, it's too dangerous
- 2) Crossing Park Vista needs to be made safer for during and after school hours, it's too dangerous (crossings at Glen Canyon, Redwood Trail, and Ash River)
- 3) Speed of Traffic and crossing of Redwood Trail is too dangerous
- 4) Bike Lanes should be added to Park Vista, Redwood Trail, Parkwood Hill Blvd.
- 5) Crossing at Park Vista and Ash River needs to be improved, it's too dangerous
- 6) Improve traffic circulation getting to and from Central High School – Ray White & Kroger intersection needs improvement and alternatives for traffic circulation.

Administered surveys in the classroom . Teachers tallied the students' mode of travel to school on two days at Park Glen Elementary. (See Section 5. Travel Environment, for survey results)

Information Presentation to PID 6 and HOA. In addition to the input above, Susan Kenney, Coordinator for the Safe Routes to School Plan made a presentation to the Public Improvement District (PID 6), which all the schools are located in, to explain about the Safe Routes to School Plan and if they could help in making some of the improvements, and Ms. Kenney also made a presentation to the Park Glen Homeowner's Association explaining about the Safe Routes to School Plan and also asked if they could help make some improvements.

4. SCHOOL DESCRIPTION

Our school Safe Routes to School Plan addresses the needs of:

Our individual school , Park Glen Elementary

Multiple schools (two other schools Parkwood Hill Intermediate and Hillwood Middle School are in close proximity, less than a mile away, and Central High School is within 2 miles)

Keller Independent School District

City of Fort Worth

The school and district included in our Safe Routes to School Plan are:

Park Glen Elementary

Keller Independent School District (K.I.S.D.)

The location of the school is:

5100 Glen Canyon Road
Fort Worth, TX 76137

The environment type is:

Suburban

Walking/Bicycling Environment: Sidewalks exist on all streets except for a small segment on the west side of Park Vista Blvd that is both north and south of N. Tarrant Pkwy. This school year, the school's boundary has been extended to include this small segment that does not have sidewalks. The City is currently designing the road segment north of N. Tarrant Pkwy. The new road segment will include sidewalks on the west side of Park Vista Blvd. (also known as Ray White Rd.). The intersection of N. Tarrant Pkwy and Park Vista Blvd. is a major arterial intersection and will be a major barrier to encouraging students to walk/bike from this location. A small number of students live south of Basswood Blvd. The intersection of Basswood Blvd and Park Vista Blvd is a major arterial intersection and a barrier to encouraging students to walk/bike from this location. There is an underpass (below Basswood) in the Arcadia Trail Park. Several parents in the Parent Survey expressed concern over the seclusion of this underpass and its safety for their children to walk/bike without an adult through this area.

Park Vista Blvd. is an arterial roadway which bisects the neighborhood. There is a need to slow down, traffic calm, Park Vista Blvd., so that it is safer for children to cross and encourages parents to allow their children to walk/bike to school and within the community. The community also has a large natural park (Arcadia Trail Park) to the west of all three schools (PGE, PHIS, HMS) that extends north-south between N. Tarrant Pkwy and south of Basswood Blvd. This park has a number of playgrounds and several miles of trails. Improving the crossing of Park Vista Blvd. would allow many children who live east of Park Vista Blvd. to access this Park more safely and exercise during after school hours.

Type of School:

Elementary

Student participation data for school, includes:

Total number of enrolled students:	536
Number of students living within 2 miles:	536
Percent of students living within 2 miles:	100%
Percent of students participating in a free or reduced lunch program:	8.53%

Other characteristics of our school include:

All students are located within the walk zone to school. A majority of students (approx. 58%) live within a 5-10 minute walking distance (less than a ½ mile), and approximately 82% of students live within 1 mile of the school (see Parent Survey-Appendix-A). As seen in the Table below in Section 5. Travel Environment, currently 17.1% of students walk/bike to school and 29.6% walk/bike from school

5. TRAVEL ENVIRONMENT

This is how our students travel to and from school, by percentage. (Source: Classroom Survey of travel mode of students, week of 4/20/09)

PARK GLEN ELEMENTARY (AM)

AM

Travel Mode	Walk	Bike	School Bus	Family Vehicle	Carpool	Public Transportation	Other	Total
# of Students	42	31	20	278	48	0	8	427
% of Students	9.8%	7.3%	4.7%	65%	11.2%	0	1.9%	

PARK GLEN ELEMENTARY (PM)

PM

Travel Mode	Walk	Bike	School Bus	Family Vehicle	Carpool	Public Transportation	Other	Total
# of Students	94	33	24	200	68	3	9	429
% of Students	21.9%	7.7%	5.6%	46.6%	15.9%	.7%	2.1%	

These are the distances our students live from school, by percentage. (Source: Parent Survey from National Safe Routes to School Program)

PARK GLEN ELEMENTARY

Distance lived from school	Less than ¼ mile	¼ mile up to ½ mile	½ mile up to 1 mile	1 mile up to 2 miles	More than 2 miles
% of students	26.9%	32.7%	24.0%	11.5%	1.0%

We have the following supports or activities in place during student travel times:

Crossing guards: A crossing guard is located at an intersection adjacent to school grounds at Glen Canyon Rd. & Black Hills; two crossing guards are located at Park Vista & Glen Canyon (Park Vista is an arterial roadway), and a crossing guard is located at Park Vista & Redwood Trail). See Exhibit-3 for locations.

Staff is present during drop-off/pick-up (see details below under school arrival and dismissal procedures)

School traffic safety plan (See Exhibit-6 for traffic circulation plan for school premises)

Our school arrival and dismissal procedures include:

For pedestrians and bicyclists: Pedestrians and bicyclists are dismissed five (5) minutes prior to car riders. There are bicycle parking racks in front of the school, and there are teachers posted at specific locations along school grounds to help

students. All students whether, walkers, bicyclists or car riders enter the school in the morning through the main entrance, located at the north of the building. At dismissal, walkers and bicyclists exit through the main north entrance and the cafeteria north entrance. Car riders exit through a separate doorway which is at the middle of the north side of the building.

For school buses: School buses drop-off/pick-up on the east side of the building in the parking lot. These school buses are for special needs students only.

For carpools and private vehicle drop-off/pick-up: Parents queue into a line which wraps around the back of the building. Students that are picked up by carpool and private vehicle wait in the front of the school under a covered canopy with teacher supervision, and are dismissed five (5) minutes after walkers and bicyclists.

Our school does not provide “hazardous route” busing to students, even though there are a number of arterial roadways separating the walk zone areas to the school. Park Vista Blvd. at North Tarrant Parkway and Basswood Blvd. have traffic signals, but are major arterial intersections and difficult for children to cross. Park Vista is an arterial roadway with no traffic signals between Basswood Blvd. and N. Tarrant Pkwy. Crossing Guards are provided at two locations on this street, however based upon the comments in the Parent Survey, there have been very close accidents for children crossing and parents consider it still dangerous to cross even with crossing guards. According to interviews with crossing guards on Park Vista Blvd., they have also had many close accidents.

Our school is already engaged in activities that enhance safe and active student travel, including:

- School provides sufficient bicycle parking

- Teachers are stationed at specific locations along school grounds to help students with crossing of driveways and streets.

6. BARRIERS TO ACTIVE TRANSPORTATION

Park Glen Elementary

We have identified and prioritized the following barriers to walking and bicycling to school:

- Crossing streets and intersections are difficult and dangerous (63.5 % of those PGE parents in the Parent Survey were concerned with the Safety of Intersections & Crossings)
- A major arterial roadway (Park Vista Blvd.) divides the school from residential areas
- Dangerous driving and speeding on streets (61.5 % of those PGE parents in the Parent Survey were concerned with the Speed of traffic along route)
- Traffic crashes within 2 miles of school over the last 3 years (between January 2006 –December 2008). There have been 15 vehicle related crashes on Park Vista between Basswood Blvd. and N. Tarrant Parkway during this time period. Not included in this data is a pedestrian crash with injury on Park Vista at Redwood Trail that occurred before this time period (approx. 4 years ago), and a bicycle crash on Park Vista at Redwood Trail which occurred in February 2009.

Speed and volume data were collected by the City of Fort Worth in April 2009 for a number of roads within the walk zone of the three schools. This data can be seen in Appendix-D. Park Vista Blvd. is detailed below. In summary, on Park Vista, 63.4% of the cars are going 20+ miles per hour in the school zone in the AM; and 68.1% of the cars are going 20+ miles per hour in the school zone in the PM

PARK VISTA BLVD. SPEED AND VOLUME DATA
(from Redwood Trail to Glen Canyon Rd. – located in School Zone)
(Regular speed limit – 35 mph)

TIME PERIOD	TOTAL # OF CARS	0 < 20 MPH	20+ MPH	< 35 MPH	35+ MPH
7 AM – 9AM School Zone (20 MPH)	191	70 (36.6%)	121 (63.4%)		
2 PM – 4 PM School Zone (20 MPH)	251	80 (31.9%)	171 (68.1%)		
5:00 PM (35 MPH)	124			32 (26%)	92 (74%)

7. OUTREACH AND PUBLICITY STRATEGY

- Set up table at “Meet the Teacher Night” to promote the Safe Routes to School Program and encourage and coordinate students to walk pool/bike pool/car pool to school. (encourages students to walk/bike with other students that live near them and increases their safety) and also if driving to school by car - to carpool in order to help the environment and traffic circulation around school)
- Distribution of information on Safe Routes to School program through school newsletter
- PTA meeting in early fall, topic: Safe Routes to School Program and tips on walking/bicycle safety and explanation of encouragement programs for school year
- Distribution of flyers in children’s take home folders describing school encouragement programs and walking/bicycle safety tips
- Provide information on the Safe Routes to School Program and bicycle/pedestrian safety tips to Homeowner Associations for their web-sites and newsletters. (The City of Fort Worth will provide the names and addresses of the Homeowner Associations within the two mile radius and feeder patterns of the three schools.)

8. CREATING SOLUTIONS

Goals:

Our primary goal(s) for active school transportation are:

- Improve the safety of students walking and bicycling to school
- Increase the number of students walking and bicycling to school

- Increase the number of children walking/bicycling after school hours within community, in order to keep them active and learning healthy lifestyles
- Increase safety of children walking/bicycling in community.

9. STRATEGIES

We have identified strategies involving the 5 E's (Engineering, Education, Enforcement, Encouragement, and Evaluation) of Safe Routes to School to address the barriers to walking and bicycling in our school community and to achieve our stated goals. **We have selected at least one strategy from each of the categories of Education, Encouragement, Enforcement, and Evaluation**, in addition to any Engineering strategies that are indicated. The strategies we will use include:

9.a. ENGINEERING STRATEGIES

Strategies within 2 miles and feeder pattern of schools :

- Improve safety of crossing streets and intersections through encouraging lower speeds in school vicinity, through traffic calming.
- Install traffic calming measures. These measures could include, but are not limited to:
 - Install new signage: radar speed signs, pavement speed limit signage, and other signs to encourage drivers to slow down
 - Narrower traffic lanes
 - Roundabouts, traffic circles, or raised intersections
 - Pedestrian refuge areas in medians
 - Bike Lanes
 - Landscape medians
 - Street trees in medians and landscape strips to create canopy effect
 - Replace curbs to tighten turning radius, improve ramps, and extend curbs
- Install new and improved signage (school zone, speed limit, crosswalks, no parking).
- Install new pavement markings of speed limit, school zones, etc.
- Create traffic controls using traffic lights or stop signs.
- Check existing pedestrian lights at intersections to make sure they function properly for pedestrians.
- Check existing school zone flashing lights to make sure they function properly and are on at the correct times.
- Enhanced crosswalks (such as pavement markings and textures)
- Install bicycle/pedestrian facilities where needed

9.b. EDUCATION STRATEGIES

- At the Design Charrette (held May 26-28, 2009) parents and students were informed of walking and bicycle safety tips and of our school's proposed encouragement programs. Also teach the health, environmental and sustainable transportation benefits of walking and bicycling to students and parents through educational handouts.
- P.E. Teacher may teach SuperCyclist Program to each grade level in early fall.
- Teach pedestrian and bicycle safety skills to students and parents at PTA meeting in early fall.
- Create bicycle and pedestrian safety educational materials and disseminate at PTA meeting and in students take home folders.

9.c. ENCOURAGEMENT STRATEGIES

- Start a Walk Pool/Bike Pool/Car Pool Program – Coordinate a walk pool, bike pool, and car pool for those that are interested in going to school by any of these modes with other students that live near them. This encourages students to either walk/bike to school, because they have other students to walk/bike with and it increases their safety. The car pool encourages improving the environment by using less fuel and improving traffic circulation around the school.
- Initiate a WOW – Walk/Bike to School on Wednesdays Program. Include rewards for incentives.
- Celebrate International Walk/Bike to School Day
- Continue Cheetah Mileage Program (P.E. Program)

9.d. ENFORCEMENT STRATEGIES

- Utilize speed feedback signs
- Increase traffic law enforcement of speed limit during school hours (i.e. at beginning of school year have intense enforcement period, i.e. 2 weeks. Every nine weeks have an intense enforcement period, i.e. one week)
- Increase traffic law enforcement of speed limit at other times of day and night, other than school hours.

9.e. EVALUATION STRATEGIES

- Count the number of students who walk and bicycle to and from school by having teachers do a classroom survey of the students travel mode near the end of the school year (Spring). Compare this data to the data collected in Spring 2009.
- Tracking the number of crashes within 2 miles of school
- Collect Volume and Speed data at the beginning of the school year (if didn't get in Spring 2009)and at the end of the school year (April 2010), in order to see if enforcement of the speed limit by police has resulted in speed reduction

We will record our measurement in the following table:

EVALUATION METHOD		2009 DATA	2010 DATA
Count number and percent of walking/bicycling/carpooling students	Date: April 2009 Walk to School Walk from School Bike to School Bike from School Family vehicle to school Family vehicle from school Carpool to School Carpool from School	Date: April 2009 42 (9.8%) 94 (21.9%) 31 (7.3%) 33 (7.7%) 278(65%) 200(46.6%) 48 (11.2%) 68 (15.9%)	Date: April 2010
Track number of Bike/ped crashes on Park Vista Blvd.	Bike/ped crashes	1	
Speed Data	Streets shown in Appendix-D	Appendix-D	

10. THE ACTION PLAN

The Safe Routes to School team is committed to realizing our vision for a safe, enjoyable, and accessible walking and bicycling environment for our students. We will utilize the following Action Plan to keep our efforts focused and on track. (See Exhibit-5 for Action Plan)

11.EVALUATION, COORDINATION, AND SUPPORT ACTIVITES:

We will evaluate our program's effectiveness by recording our measurements in the following table:

	PARK GLEN (SPRING 2009)	PARK GLEN (SPRING 2010)	PARKWOOD HILL (SPRING 2009)	PARKWOOD HILL (SPRING 2010)	HILLWOOD (FALL 2009)	HILLWOOD (SPRING 2010)
# of student population	536		1119			
# of students in survey	427 AM 429 PM		862			
# walk (%) AM	42(9.8%)		69(8.0%)			
# walk (%) PM	94(21.9%)		161(19.9%)			
# bike (%) AM	31(7.3%)		32(3.7%)			
# bike(%) PM	33(7.7%)		31(3.8%)			
# school bus(%) AM	20(4.7%)		252(29.2%)			
# school bus(%) PM	24(5.6%)		297(36.7%)			
#family vehicle(%)AM	278(65%)		398(46.2%)			
#family vehicle(%)PM	200(46.6%)		236(29.1%)			
# carpool (%) AM	48(11.2%)		104(12.1%)			
# carpool (%) PM	68(15.9%)		76(9.4%)			

The Safe Routes to School Committee shall consist of a minimum of at least one representative from each of the following:

- Park Glen PTA
- Parkwood Hill PTA
- Hillwood PTA
- Park Glen School
- Parkwood Hill School
- Hillwood School
- Keller Independent School District
- City of Fort Worth Transportation & Public Works
- City of Fort Worth Crossing Guards
- City of Fort Worth Police

The Safe Routes to School Committee will meet at a minimum twice a year, once near the beginning of the school year and once near the end of the school year. The SRTS Committee will meet on an as needed basis during the year. The meeting near the beginning of the school year will be to review the action plan and to designate a coordinator of the Safe Routes to

School Plans (for all 3 schools) for the school year. The coordinator will oversee the Action Plan , which lists the items intended to be completed throughout the school year. The meeting near the end of the school year will be to review the Evaluation Methods results identified in this Plan, under 9. Evaluation Strategies, and determine if the items in the action plan are effective. The SRTS Committee shall make adjustments where needed to meet the needs of making it safer for the students when walking/bicycling to school.

The City of Fort Worth is currently developing a Bike Master Plan, see Exhibit-4 for the area that covers the 2 mile radius and feeder pattern of Park Glen Elementary, Parkwood Hill Intermediate, and Hillwood Middle School. The proposed Bike Master Plan includes bike lanes on the main roads leading to the three schools. The main roads are Park Vista, Ray White, Redwood Trail, and Parkwood Hill Blvd.

12.PLAN

We believe that building a strong partnership between schools and the local government is fundamental to the success of a Safe Routes to School Plan. Our Safe Routes to School Plan has been endorsed by the following representatives (See Appendix-E for letters of support):

SCHOOL OFFICIAL

Ms. Carol Wicker-White
Principal
Park Glen Elementary
(817) 744-5400
Email: Carol.Wicker@kellerisd.net

SCHOOL DISTRICT OFFICIAL

Dr. James Veitenheimer
Superintendent
Keller Independent School District
350 Keller Parkway
Keller, TX 76248
(817) 744-1000
Email: James.Veitenheimer@kellerisd.net

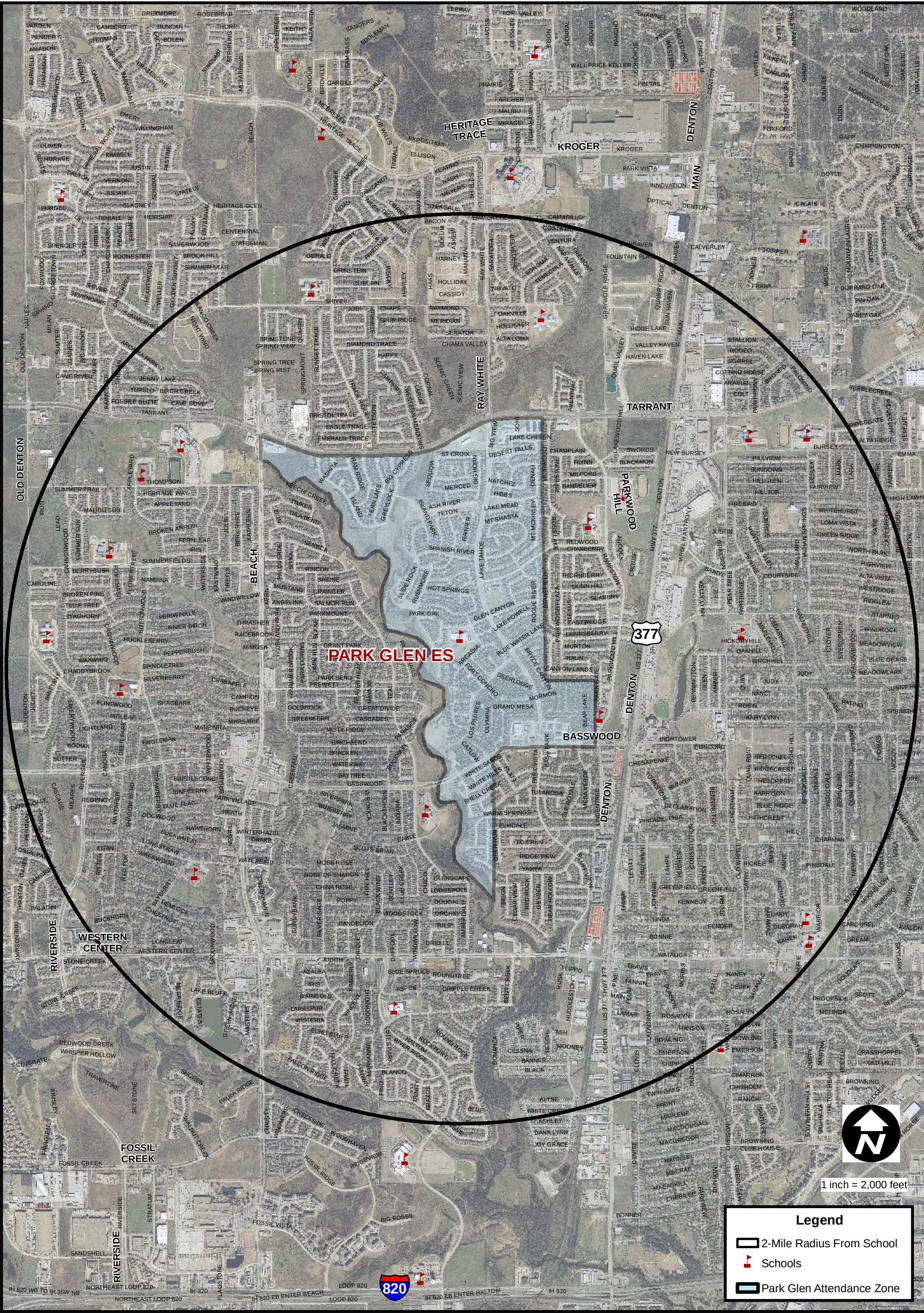
LOCAL GOVERNMENT OFFICIAL

Mayor Mike Moncrief
City of Fort Worth
1000 Throckmorton Street
Fort Worth, TX 76102

PARENT/TEACHER ORGANIZATION (PTA)

Gin Gin Owens, Park Glen PTA President(email: gintana@gintana.com)
Courtney Hoffman, Parkwood Hill Intermediate PTA President (email: csnoahhope@sbcglobal.net)
Stephanie Leon, Hillwood Middle PTA President (email: SKL99@sbcglobal.net)

13.FILE/IMAGES (Images are attached for this plan in Appendix-F)



SAFE ROUTES TO SCHOOL - EXHIBIT 2
PARK GLEN ELEMENTARY SCHOOL AREA

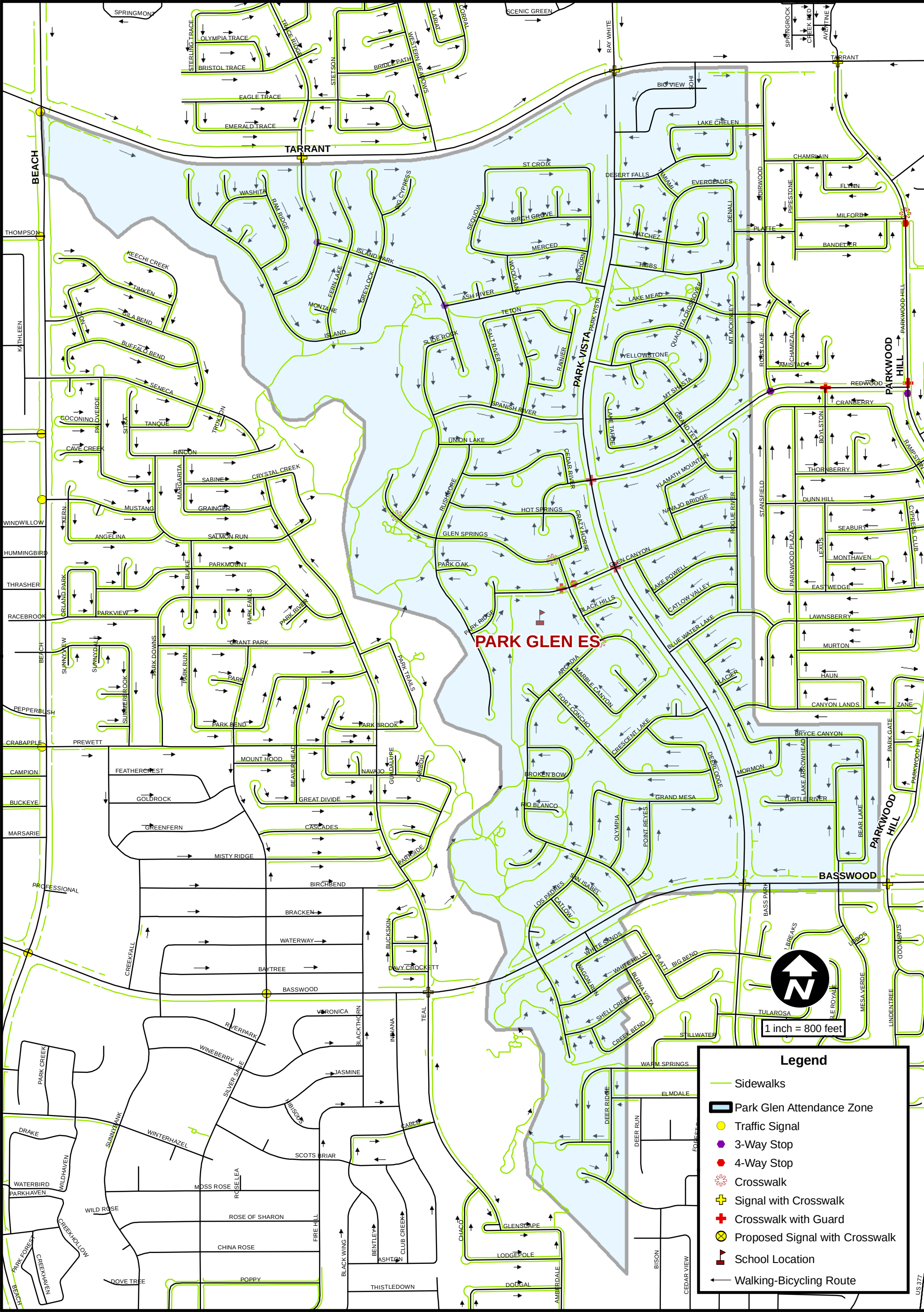


EXHIBIT 3
WALKING AND BICYCLING ROUTE MAP
PARK GLEN ELEMENTARY SCHOOL AREA

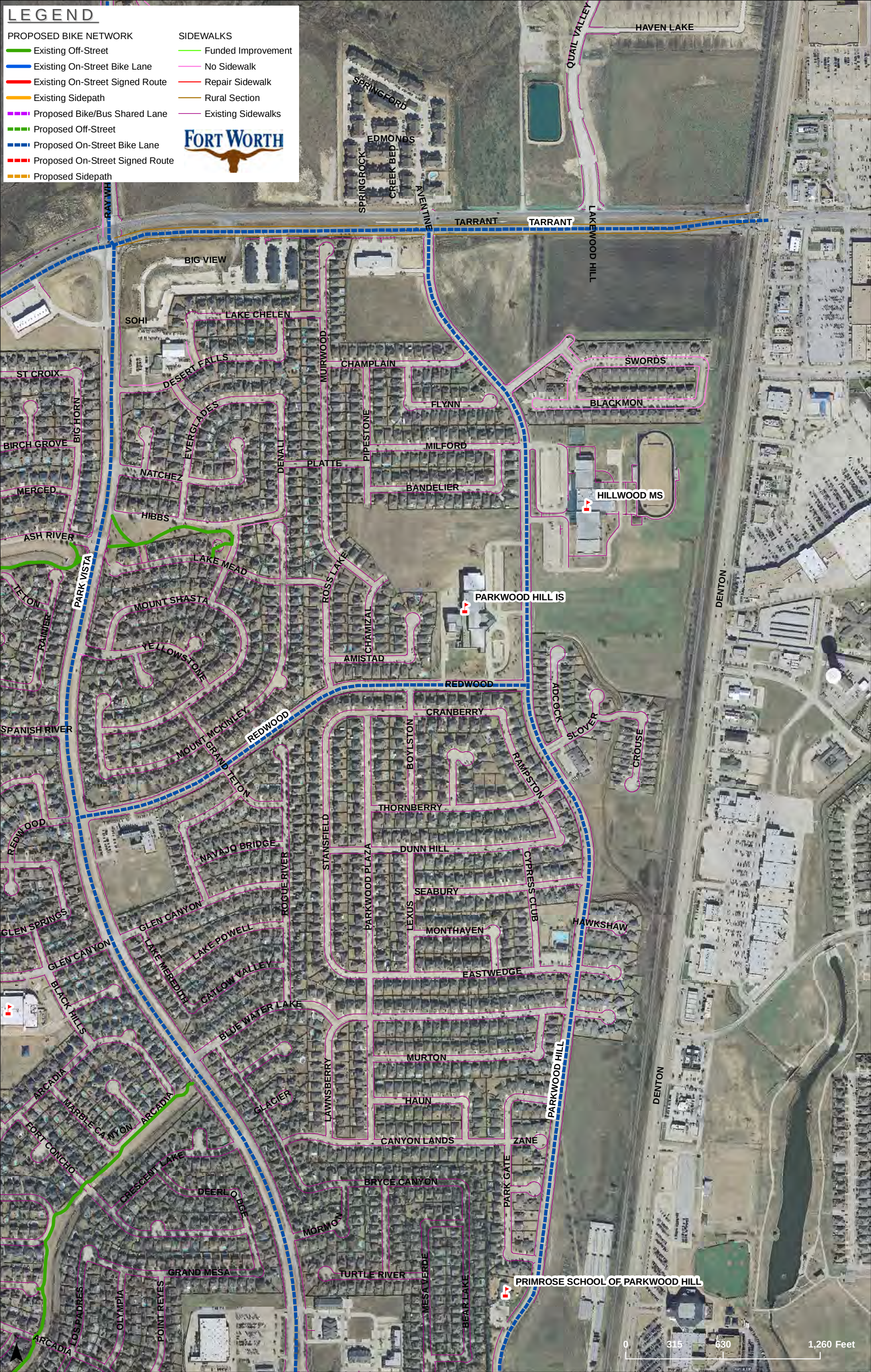
LEGEND

PROPOSED BIKE NETWORK

- Existing Off-Street
- Existing On-Street Bike Lane
- Existing On-Street Signed Route
- Existing Sidepath
- Proposed Bike/Bus Shared Lane
- Proposed Off-Street
- Proposed On-Street Bike Lane
- Proposed On-Street Signed Route
- Proposed Sidepath

SIDEWALKS

- Funded Improvement
- No Sidewalk
- Repair Sidewalk
- Rural Section
- Existing Sidewalks



ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

STRATEGY	STRATEGY DETAIL	TIMEFRAMES	RESPONSIBLE PARTY	STATUS	FUNDING SOURCE
EDUCATION	Educate parents & students- powerpoint slide presentation	May 26, 2009	Susan Kenney, PTA Coordinator for SRTS Program	Completed	Volunteer
EDUCATION	PTA Meeting- Presentation to parents/students on ped/bic Safety, give out flyers on ped/bic safety	Fall 2009	PTA Parent Education Board member		Volunteer/ School or PTA for flyers
EDUCATION	Send home flyer in student folders main points of ped/bike safety	Fall 2009	PTA Parent Education Board member		School for flyers
EDUCATION	Bike Rodeo	Fall 2009 (Perhaps with PTA Parent/Student Education Meeting on ped/bic safety)	City of Fort Worth Police (perhaps NPO Officer Deleon		City of Fort Worth Police Officer time
ENCOURAGEMENT	WOW – (Walk/Bike to School on Wednesdays)	Start in Fall 2009 and run through school year, May 2010	Susan Kenney, PTA Parent Education Board member		PTA-for stickers and prizes. Also, request donations from businesses for prizes for end of year
ENCOURAGEMENT	International Walk/Bike to School Day	October 2009	PTA Parent Education Board member		PTA – for stickers
ENCOURAGEMENT	Cheetah Safari-Mileage Club	Fall 2009 and run though school year, May 2010	P.E. Dept.	Ongoing	School
ENCOURAGEMENT	Walk/Bike/Car Pool Program – Provide parents/students with ability to hook up with other parents/students to walk, bike, or car pool with to	Fall 2009 and run though school year, May 2010- have booth at “Meet the Teacher Night” for parents to sign up if interested. Also maintain section	PTA – Parent Education Board member		Volunteer

ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

STRATEGY	STRATEGY DETAIL	TIMEFRAMES	RESPONSIBLE PARTY	STATUS	FUNDING SOURCE
	school	on website for those interested in joining. Put info. in student registration packet.			
ENFORCEMENT	Crossing Guards put out cones that have ped yield signs or school zone signs	Beginning to End of School year	Crossing Guards		?City of Fort Worth Police Dept.
ENFORCEMENT	Request Crossing Guard for the intersection of N. Tarrant Pkwy & Parkwood Hill Blvd.; N. Tarrant Pkwy & Park Vista Blvd.; and additional crossing guard at Park Vista Blvd. & Redwood Trail	Short term (before school starts)	Keller ISD		City of Fort Worth
ENFORCEMENT	Police Enforcement of Speed Limit in School Zones and at other times and locations along streets (Police develop schedule of enforcement)	Beginning to End of School year. Ongoing throughout entire year	City of Fort Worth Police Traffic Div.	Started May 2009	City of Fort Worth Police Dept.
ENFORCEMENT	Put out Radar Speed Sign or Trailer in school zones; and at the north and south ends of Park Vista Blvd. (before Ash River and Crescent Lake) and Parkwood Hill Blvd.; west end of	Fall 2009, Winter 2010, Spring 2010, Summer 2010	City of Fort worth Police Traffic Div.		City of Fort Worth Police Dept.

ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

STRATEGY	STRATEGY DETAIL	TIMEFRAMES	RESPONSIBLE PARTY	STATUS	FUNDING SOURCE
	Redwood Trail; and east and west side of traffic lights at N. Tarrant Pkwy. & Parkwood Hill Blvd., Park Vista, and Trace Ridge.				
ENGINEERING	Add school zone signs (with time frames) for side streets entering onto Park Vista	Short term (within 1 month of school starting)	City of Fort Worth		City of Fort Worth
ENGINEERING	Check flashing school zone signs to make sure are functioning at the right times i.e. Park Vista, Parkwood Hill Blvd., Redwood Trl	Short term (within 1 month of school starting)	City of Fort Worth		City of Fort Worth
ENGINEERING	Check ped lights at intersections to make sure function properly, i.e. Park Vista at Basswood, N. Tarrant Pkwy; and N. Tarrant Pkwy at Parkwood Hill Blvd, Park Vista, and Trace Ridge	Short term (within 1 month of school starting)	City of Fort Worth		City of Fort Worth
ENGINEERING	Do Fix Problems from Parent Survey (see* List of Fix Problems below)	Short term (within 1 month of school starting)	City of Fort Worth, unless otherwise specified		City of Fort Worth, unless otherwise specified
ENGINEERING	Repaint crosswalks on Park Vista at Glen Canyon and on Parkwood Hill Blvd at Milford.	Short term (within 1 month of school starting), or if city funds aren't available Medium term (2-	City of Fort Worth		City of Fort Worth, or Apply for Safe Routes to School Funding

ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

STRATEGY	STRATEGY DETAIL	TIMEFRAMES	RESPONSIBLE PARTY	STATUS	FUNDING SOURCE
		3 years)			
ENGINEERING	Add Ped. Yield Signs- It's the Law signs where needed (i.e. on Park Vista Blvd. at Glen Canyon, Redwood Trail, Ash River; Parkwood Hill Blvd. at Redwood Trail, Milford, N. Tarrant Pkwy.; Redwood Trail at Boylston.	Short term (within 1 month of school starting) or Medium term (2-3 years)	City of Fort Worth		City of Fort Worth or Apply for Safe Routes to School Funding
ENGINEERING	Add No Stopping/Parking signs 20 feet from intersections or driveways within 3 blocks of school	Short term (within 1 month of school starting) or Medium term (2-3 years)	City of Fort Worth		City of Fort Worth or Apply for Safe Routes to School Funding
ENGINEERING	Improve crossing of Park Vista Blvd. at Redwood Trail, Ash River, and Glen Canyon – through traffic calming features such as, but not limited to, roundabouts, narrowed travel lanes, on street bike lanes, separated bike lanes	Medium term (2-3 years)	City of Fort Worth		Apply for Safe Routes to School Funding
ENGINEERING	Install speed radar signs at the north and south ends of Park Vista Blvd and paint speed limit on the pavement as well as school zone boundaries on the	Medium term (2-3 years)	City of Fort Worth		Apply for Safe Routes to School Funding

ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

STRATEGY	STRATEGY DETAIL	TIMEFRAMES	RESPONSIBLE PARTY	STATUS	FUNDING SOURCE
	pavement.				
ENGINEERING	Improve crossing of Redwood Trail at Grand Teton and slow down traffic on Redwood Trail	Medium term (2-3 years)	City of Fort worth		Apply for Safe Routes to School Funding
ENGINEERING	Improve crossing of Parkwood Hill Blvd. at Milford and in front of Hillwood	Medium term (2-3 years)	City of Fort Worth		Apply for Safe Routes to School Funding
ENGINEERING	Improve crossing at Parkwood Hill Blvd. and N. Tarrant Pkwy. (i.e. extend curb for tighter turning radii or other improvement	Medium term (2-3 years)	City of Fort Worth		Apply for Safe Routes to School Funding
ENGINEERING	Improve curb ramps at the following locations: Park Vista Blvd and Blue Water Lake, Glen Canyon, Redwood Trail, Ash River; and at Parkwood Hill Blvd and Redwood Trail.	Medium term (2-3 years)	City of Fort worth		Apply for Safe Routes to School Funding
ENGINEERING	Sidewalk repair on Glen Canyon, Park Vista, Arcadia Trail between Squaw Creek & Black Hills	Medium term (2-3 years)	Ask PID6 or Park Glen Homeowner's Assoc.		Ask PID6 or Park Glen HOA, or apply for Safe Routes to School Funding
ENGINEERING	Upon completion of improvements to Park Vista, if SRTS funds are secured, add street trees to Park Vista Blvd.	Medium term (2-3 years)	Ask PID 6 or Park Glen Homeowner's Assoc., or City of Fort Worth		Ask PID 6 or Homeowner's Assoc., or City of Fort Worth

ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

STRATEGY	STRATEGY DETAIL	TIMEFRAMES	RESPONSIBLE PARTY	STATUS	FUNDING SOURCE
	median and to landscape median if one is constructed between bike lane and travel lane.				
ENGINEERING	Work with City to have Ray White designed to match future design of Park Vista Blvd. (between N. Tarrant Pkwy and Basswood) and to be designed for lower speed of 35 mph, bike facilities, street trees, and possible future pedestrian bridge over N.Tarrant Pkwy.	Medium term (2-3 years)	City of Fort Worth		City of Fort Worth
ENGINEERING	Ask City Planning & Development Dept. to do a pedestrian oriented land use study in order to establish a village center at N. Tarrant Pkwy & Park Vista Blvd.	Medium term (2-3 years)	City of Fort worth		City of Fort worth
ENGINEERING	Install pedestrian bridge over N. Tarrant Pkwy. at Park Vista Blvd.	Long term (5 or more years), or medium term (2-3 years) if sufficient SRTS funds are available	City of Fort Worth		City Bond Package, or apply for future or current Safe Routes to School funds.
ENGINEERING	Install sidewalks and improve typical section for N. Tarrant Pkwy. to be more	Long term (5 or more years)	City of Fort Worth		City Bond Package, or future Safe Routes to School funds.

ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

STRATEGY	STRATEGY DETAIL	TIMEFRAMES	RESPONSIBLE PARTY	STATUS	FUNDING SOURCE
	pedestrian/bicycle friendly				
EVALUATION	Conduct Classroom Surveys of travel mode of students	Spring 2010 (April)	PTA Parent Education Board member or Environmental/Health & Safety Board member		Volunteer
EVALUATION	Take Speed & Volume Measurement for Park Vista, Redwood Trail, Parkwood Hill Blvd, North Tarrant Pkwy, other local streets	Initial: April 2009 During third week of school in September take measurement on Park Vista before Ash River and Glen Canyon intersections; N. Tarrant Pkwy before Parkwood Hill Blvd, Park Vista, and Trace Ridge. For Comparison of enforcement efforts: Take measurement in Spring 2009 (do all streets again)	City of Fort Worth Transportation & Public Works Dept.	Some streets initial data completed in April 2009	City of Fort Worth Transportation & Public Works Dept.

*List of Fix Problems from Parent Surveys

FIX PROBLEMS
FROM PARENT SURVEYS
(PGE, PHIS, HMS)

1. Light at the intersection of Parkwood Hill Blvd. & North Tarrant Parkway needs to stay green longer for pedestrians that are crossing. (Only 1-3 cars get across)
2. Sometimes crossing lights & buttons at the intersection of Parkwood Hill Blvd. & North Tarrant Parkway don't work properly for pedestrians that are crossing.

ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

3. Need longer crossing time for pedestrians at the intersection of Trace Ridge & North Tarrant Parkway. Also check traffic light for cars and make sure functions properly. Paint line where cars should sit on Trace Ridge on the north and south side of N. Tarrant Pkwy for signal to be activated.
4. Need longer crossing time for pedestrian at the intersection of Park Vista Blvd. & North Tarrant Parkway
5. Left turning vehicles don't give walkers a chance on North Tarrant Parkway when crossing at Trace Ridge, Park Vista, Parkwood Hill Blvd.
6. Need sign alerting drivers to be aware of children crossing (when driver is making a right hand turn) at the intersection of N. Tarrant Pkwy. & Parkwood Hill Blvd, Park Vista Blvd. & N. Tarrant Pkwy, Glen Canyon, and Redwood Trail.
7. Lights flashing for school zone on Park Vista north of Redwood Trail aren't on at 7:45 am when Hillwood students and also Park Glen Elem. students are walking. (Students can arrive at Parkwood Hill Intermediate at 7:15 am)
8. On Park Vista, flashing lights need to start earlier, i.e. at 2:30 pm.
9. On Park Vista, school zone flashing lights should be extended distance wise.
10. Monitor school zones to make sure flashing lights function the way they're supposed to (i.e. flashing lights work when they're supposed to)
11. The flashing lights in school zones on Park Vista and also on Parkwood Hill Blvd. sporadically work. There are times that at least one end is not working.
12. Add small sign with school zone time frames to the school zone signs that are in the Park Vista median and face Glen Canyon Rd. (determine if time is correct, sign at Redwood Trail & Park Vista says 7:00-9:00 AM, 2:15-4:30PM).
13. Extend school zone on Glen Canyon to Park Vista (determine if times are correct on both school zone signs on Glen Canyon, sign says 7:00-9:00 AM, 2:00-4:00PM).
14. Add more speed limit signs where permissible. (i.e. on Park Vista from Basswood up to Heritage Trace, Redwood Trail, Parkwood Hill Blvd., on local neighborhood streets).
15. Straighten School Zone post sign located on Ray White just south of Heritage Trace Pkwy.
16. Add pedestrian crossing signs on Park Vista at Ash River; on Redwood Trail at Grand Teton; on North Tarrant Parkway at Parkwood Hill Blvd, Park Vista Blvd, and Trace Ridge; and on Basswood Blvd at Park Vista.
17. Add "End School Zone" sign on Park Vista south of Glen Canyon.
18. Too many cars are parked at Glen Springs & Black Hills (near Park Glen Elem.).

ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

It's very dangerous to cross because drivers can't see children crossing because of cars. Should have "No Stopping, Standing, Parking" sign within 20 feet of intersection.

19. It's dangerous for children crossing at Glen Canyon and Park Ridge (near Park Glen Elem.) because of cars parking too close to intersection. Should have crosswalk and "No Stopping, Standing, Parking" sign within 20 feet of intersection)
20. Install 4- way stop, or other appropriate improvement, at Rushmore and Glen Springs Trail. Cars go too fast on Glen Springs, and children cross diagonally across intersection.
21. Need more signs for awareness of children walking/bicycling on the streets around the school.
22. Need "No U-turn" signs on Parkwood Hill Blvd. by Hillwood Middle School, perhaps by PGE and PHIS also.
23. Have no parking signs show times can't park at all (i.e. No Stopping, Standing, Parking at certain times) around HMS, PHIS, and PGE
24. (Crossing Guard Supervisor with City of FW) (For Parkwood Hill Intermediate only) The crossing guard at the intersection of Redwood Trail & Boylston needs a substitute when absent. When absent, perhaps move the crossing guard from the intersection of Redwood Trail & Parkwood Hill Blvd. to the intersection of Boylston & Redwood Trail.
25. Extend school zone on Redwood Trail from Parkwood Hill Intermediate to Grand Teton. For Park Glen Elem. students, have school zone on Redwood Trail from Park Vista past Grand Teton.
26. Do crosswalk study for the intersection Redwood Trail and Grand Teton.
27. (Park Glen Homeowner's Association or City of Fort Worth) Dogs are trying to get out of back fence along pathway to Park Glen Elem. Pathway is located at the southwest corner of the school property and extends between the backyards to Arcadia Trail.
28. (Park Glen Homeowner's Association) Trim trees where needed along sidewalks, i.e. on Spanish River near Park Vista, Rushmore just north of Park Ridge.
29. (Park Glen Homeowner's Association or Parkwood Hill Homeowner's Association) Trim trees that are blocking signs along Park Vista, Redwood Trail, and Parkwood Hill Blvd.

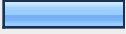
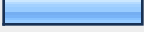
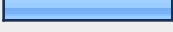
ACTION PLAN
FOR PARK GLEN ELEMENTARY SAFE ROUTES TO SCHOOL PLAN

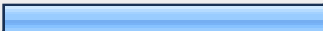
30.(PID6 or Park Glen Homeowner's Association) Repair sidewalks on Glen Canyon, Park Vista, Arcadia Trail between Squaw Creek & Black Hills.

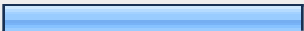
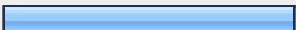
APPENDIX-A

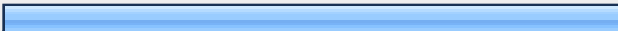
Parent Survey - Keller Independent School District

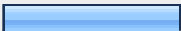
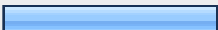
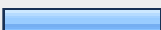
1. What school does your child attend?			
		Response Percent	Response Count
Park Glen Elementary		100.0%	106
Parkwood Hill Intermediate		0.0%	0
Hillwood Middle		0.0%	0
		answered question	106
		skipped question	0

2. What is the grade of the child for whom you are completing this survey? (K-8)			
		Response Percent	Response Count
K		7.6%	8
1		18.1%	19
2		21.0%	22
3		27.6%	29
4		25.7%	27
5		0.0%	0
6		0.0%	0
7		0.0%	0
8		0.0%	0
		answered question	105
		skipped question	1

3. Is the child you are completing this survey for male or female?			
		Response Percent	Response Count
MALE		51.0%	53
FEMALE		49.0%	51
		<i>answered question</i>	104
		<i>skipped question</i>	2

4. How many children do you have in Kindergarten through 8th grade?			
		Response Percent	Response Count
1		45.7%	48
2		44.8%	47
3		9.5%	10
4		0.0%	0
5		0.0%	0
6		0.0%	0
7		0.0%	0
8		0.0%	0
		<i>answered question</i>	105
		<i>skipped question</i>	1

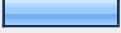
5. What is the street intersection nearest your home? (provide the names of two intersecting streets.)			
		Response Percent	Response Count
Street 1		100.0%	102
Street 2		95.1%	97
		answered question	102
		skipped question	4

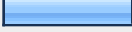
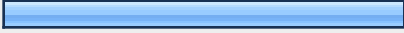
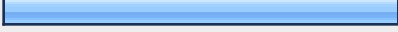
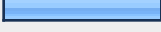
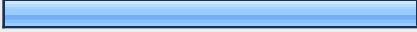
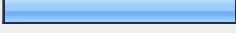
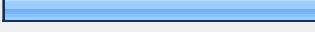
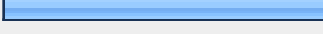
6. How far does your child live from school?			
		Response Percent	Response Count
Less than 1/4 mile		26.9%	28
1/4 mile up to 1/2 mile		32.7%	34
1/2 mile up to 1 mile		24.0%	25
1 mile up to 2 miles		11.5%	12
More than 2 miles		1.0%	1
Don't know		3.8%	4
		answered question	104
		skipped question	2

7. On most days, how does our child arrive at school and leave for home after school?								
	Walk	Bike	School Bus	Family vehicle (only with children from your family)	Carpool (riding with children from other families)	Transit (city bus, subway, etc.)	Other (skateboard, scooter, inline skates, etc.)	Response Count
Arrive at School	15.4% (16)	4.8% (5)	1.9% (2)	62.5% (65)	12.5% (13)	0.0% (0)	2.9% (3)	
Leave for Home	27.8% (27)	4.1% (4)	3.1% (3)	47.4% (46)	14.4% (14)	0.0% (0)	3.1% (3)	
	answered question							
	skipped question							

8. How long does it normally take your child to get to/from school?						
	Less than 5 minutes	5-10 minutes	11-20 minutes	More than 20 minutes	Don't know / Not sure	Response Count
Travel Time to School	53.8% (56)	39.4% (41)	5.8% (6)	1.0% (1)	0.0% (0)	104
Travel Time from School	50.0% (47)	34.0% (32)	8.5% (8)	6.4% (6)	1.1% (1)	94
	answered question					104
	skipped question					2

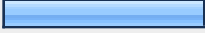
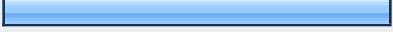
9. Has your child asked you for permission to walk or bike to/from school in the last year?			
		Response Percent	Response Count
YES		72.1%	75
NO		27.9%	29
	answered question		104
	skipped question		2

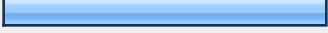
10. At what grade would you allow your child to walk or bike without an adult to/from school?			
		Response Percent	Response Count
I would not feel comfortable at any grade		23.1%	24
K		0.0%	0
1		1.0%	1
2		2.9%	3
3		23.1%	24
4		11.5%	12
5		17.3%	18
6		9.6%	10
7		7.7%	8
8		3.8%	4
	answered question		104
	skipped question		2

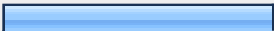
11. Which of the following issues affected your decision to allow, or not allow, your child to walk or bike to/from school? (check all that apply)			
		Response Percent	Response Count
Distance		44.2%	46
Convenience of driving		12.5%	13
Time		19.2%	20
Child's before or after school activities		11.5%	12
Speed of traffic along route		61.5%	64
Amount of traffic along route		60.6%	63
Adults to walk or bike with		32.7%	34
Sidewalks or pathways		24.0%	25
Safety of intersections and crossings		63.5%	66
Crossing guards		35.6%	37
Violence or crime		48.1%	50
Weather or climate		49.0%	51
	answered question		104
	skipped question		2

12. Does your child already walk/bike to school?			
		Response Percent	Response Count
yes		32.7%	34
no		67.3%	70
	answered question		104
	skipped question		2

13. Would you probably let your child walk or bike to/from school if this problem were changed or improved? (select one choice per line)				
	YES	NO	Not Sure	Response Count
Distance	41.8% (23)	36.4% (20)	21.8% (12)	55
Convenience of driving	22.6% (12)	54.7% (29)	22.6% (12)	53
Time	40.0% (22)	43.6% (24)	16.4% (9)	55
Child's before or after school activities	26.9% (14)	51.9% (27)	21.2% (11)	52
Speed of traffic along route	66.7% (42)	25.4% (16)	7.9% (5)	63
Amount of traffic along route	71.0% (44)	21.0% (13)	8.1% (5)	62
Adults to walk or bike with	67.2% (39)	24.1% (14)	8.6% (5)	58
Sidewalks or pathways	40.4% (21)	38.5% (20)	21.2% (11)	52
Safety of intersections and crossings	67.7% (42)	25.8% (16)	6.5% (4)	62
Crossing guards	62.3% (33)	28.3% (15)	9.4% (5)	53
Violence or crime	63.8% (37)	22.4% (13)	13.8% (8)	58
Weather or climate	48.2% (27)	30.4% (17)	21.4% (12)	56
	<i>answered question</i>			68
	<i>skipped question</i>			38

14. In your opinion, how much does your child's school encourage or discourage walking and biking to/from school?			
		Response Percent	Response Count
Strongly encourage		8.9%	9
Encourage		30.7%	31
Neither		59.4%	60
Discourage		1.0%	1
Strongly discourage		0.0%	0
		answered question	101
		skipped question	5

15. How much FUN is walking or biking to/from school for your child?			
		Response Percent	Response Count
Very Fun		22.8%	23
Fun		49.5%	50
Neutral		24.8%	25
Boring		3.0%	3
Very Boring		0.0%	0
		answered question	101
		skipped question	5

16. How HEALTHY is walking or biking to/from school for your child?			
		Response Percent	Response Count
Very Healthy		55.9%	57
Healthy		41.2%	42
Neutral		2.9%	3
Unhealthy		0.0%	0
Very Unhealthy		0.0%	0
answered question			102
skipped question			4

17. What is the highest grade or year of school you completed?			
		Response Percent	Response Count
Grades 1-8 (Elementary)		2.1%	2
Grades 9-11 (Some high school)		0.0%	0
Grade 12 or GED (High school graduate)		6.2%	6
College 1-3 years (Some college or technical school)		28.9%	28
College 4 years or more (College graduate)		59.8%	58
Prefer not to answer		3.1%	3
answered question			97
skipped question			9

18. Please provide any additional comments below:		
		Response Count
		34
	<i>answered question</i>	34
	<i>skipped question</i>	72

19. What would you like to have improved or changed to make walking/bicycling to or from school safer for your child, including any specific street, intersection, and/or sidewalk locations that are a problem or hazard?		
		Response Count
		50
	<i>answered question</i>	50
	<i>skipped question</i>	56

APPENDIX-B

	A	AZ	BA
1	Respondent1	Please provide any additional comments below:	What would you like to have improved or changed to make walking/bicycling to or from school safer for your child, including any specific street, intersection, and/or sidewalk locations that are a problem or hazard?
2		Open-Ended Response	Open-Ended Response
3	787993901		
4	787989053	Child is a girl, too much sex offenders around for comfort!	School is too far for my child to walk.
5	787620474		
6	787609475	This child rode every day in elementary school but no safe crossing at north tarrant prevented this activity this year.	Kids need a safe crossing from trace ridge across north tarrant. This way all the Lone Star kids promoting from 4th to 5th could continue riding to school. They could take sidewalks all the way to the park vista/redwood crossing guard.
7	787248067	Would be helpful if school provided safer ways home should a child that rides the bus choose to participate in after school activities. Working parents have a difficult time getting to school on a routine basis at 3:30 or 4:00 in the afternoon.	Riding or walking any part of North Tarrant Parkway from Trace Ridge Parkway through Park Vista, including Ray White intersection. Too many cars and no school zones or crossing guards along the way. Prefer bus for my child's safety.
8	786510624		
9	786469325		
10	786304550		
11	786272000	My main concerns are the traffic and people looking to harm young children. Teenagers that travel down Park Vista to Central or the other High School off of N. Tarrant, speed through the school zone, I know b/c I have followed them to school. They also race through the neighborhoods after school from house to house dropping off friends. I sometimes feel that the school zone area on Park Vista is too short. We live off of Ash River and when people come over the hill from N. Tarrant they are going between 40-50 mph. The kids that walk/bike to school from this area do not have any protection. I know several families that walk to and from school that live close to me and they agree that the traffic closer to N. Tarrant is a big problem. I trust my kids to know what to do and follow safety rules but I do not trust the traffic to obey the speed limit here in Park Glen.	I would like to see the traffic speed reduced on Park Vista, not the speed limit just want people to follow the speed limit. Also to relieve congestion at the school could the crossing guards stop traffic on Park Vista to let out cars on Glen Canyon? Traffic turning from Glen Canyon onto Park Vista backs up all the way to Park Glen Elem. If there was a way to relieve traffic there that would be nice.
12	785782755		
13	785634549	we used to live in Aventine Apartments and the walk from Hillwood or PHIS to there and from there is very dangerous. The lights do not stay green long enough to cross BUSY NORTH TARRANT. THERE IS NOT CROSSING GUARD THERE. The four way stop at Hillwood has no crossing guard and is dangerous for the kids going to PHIS.	crossing guards. sidewalks on north tarrant
14	785318715	If we lived as close to the elementary school as we do the intermediate school I would have allowed my child to ride his bike to school in the 4th grade.	
15	785281106	I am concerned for next year. I substitute a lot at Parkwood Hill. Next year she will go to Hillwood. There is a lot of traffic on that road and no crossing guard there for those going to Hillwood. If there were, I would feel better about her walking to Hillwood.	Crossing guard for Hillwood Middle school.
16	785267607		
17	785192130		
18	785092632		A police prescence in the neighborhood, not just at school but on the streets that the kids travel.
19	785078731		
20	784985478		CROSSGUARDS ON EVERY ENTRANCE OF SCHOOL
21	784949178	unsafe path from home to school. Would not allow her to ride bike due to cars and unsafe path	not much to do because of location
22	784908481		
23	784803368		
24	784659073		
25	784267972		
26	784243641		
27	784150263		
28	783919177		
29	783900354	Speed of traffic on Park Vista is major concern - officers are not out there daily and many people run 40 mph through the 20 mph, even with crossing guards, flashing lights and crosswalks. I've seen at least a dozen kids almost get hit in the past three years. Mostly impatient drivers or those distracted with other things.	More visible lights, painting and presence of police officers on Park Vista during both the morning AND afternoon. Better control of parents on school property - ie. teachers throughout flow of traffic guiding impatient parents and lessening traffic jams.
30	783887800		
31	783831176		I am not sure with the distance of the schools that it would be a good choice for the child to walk or ride a bike.
32	783740919	When my first child started going to Parkwood Hill we would bike to school. However, I was almost ran over twice at Park Vista and Red Wood Trl even with the crossing guards out in the middle of the street. I realized the cars where not going to stop. If a child would have been crossing they probably would have been hit. They think since the crossing guard is out there everything is ok without even looking.	
33	783658879	We had a neighborhood bully situation this year that prevented us allowing him to walk. Those kids won't be at his school next year, so he will be walking home next year unless inclement weather.	
34	783658504		
35	783645787		
36	783585681		
37	783516200		
38	783372297		
39	783354715		
40	783325888		
41	783113422		Trees cut back so people can easily walk down the sidewalks. Dogs kept on leashes.
42	782189052		
43	781974116		
44	781939680	I started allowing our son to walk this year but have really been struggling with it because of a number of reasons that I listed above. Obviously his safety is a primary concern. I don't feel like we live in an unsafe area but you never know who may be visiting or driving through our area.	I am VERY concerned about the speed of drivers on both Parkwood Hill and especially Park Vista. I'm amazed at how I never see a police officer on Park Vista yet it appears to be our own little version of the Texas Motor Speedway. I would really like to see something done about this in our neighborhood and around our schools.
45	781935875		park vista & ash river
46	781903619		
47	781894917	At this time the School Zone flashing light on Redwood Street does not seem to be on at 7:45 am when students are still walking to Hillwood...out of order, timer off, or not set properly?	Too many vehicles parked on both sides of streets around Park Glen Elementary which makes visibility poor for everyone and difficult for 2 cars to drive on the roads near that campus...city should only allow parking on one side of the street in some areas.

	A	AZ	BA
48	781590179		
49	781550970	We live too far to walk or ride a bike but I feel in these times it is just too dangerous and not worth the risk of a child being a victim of crime. I think a high schooler close to the size of an adult would be safer.	
50	781535351		
51	781504167		
52	781414957		
53	781263006	Safety & Security is the primary reason why my child does not walk or ride her bike to school alone.	Intersection of Park Vista and Ash River needs a crossing guard or stop sign along Park Vista.
54	781078762	My son does ride his bike occasionally to school as long as he has someone to ride with.	
55	781074303		
56	781074153		
57	781067974		It seems to be a pretty safe route that he takes and he has friends that walk with him. No real fears.
58	781051967		
59	781015756		
60	781010899		
61	780897531		
62	780896684		
63	780889024		Side walks/crossing guards/police drives increased during times before and after school
64	780762189		
65	780758876		
66	780747143		
67	780746947		
68	780729069	We live 1.97 miles from PHIS and we have unsafe, busy, NO crossguards, and have to pay \$250 a year for bus...when we pay a lot of school taxes, that is a joke! It is not safe to cross North Tarrant, Ray White or even Parkwood Hill, for any of the children including HMS-Hillwood Middle School students...parents are too busy getting their children to work and we have had too many children hit by other parents.	PROVIDE FREE BUS transportation to PHIS and HMS!!!!!!!
69	780720952		
70	780710545	I wouldn't let my daughter walk alone, but wouldn't object if she had a buddy to walk with, not necessarily an adult. But distance and time are an issue because of our after-school schedule.	
71	780707486		
72	780673894		
73	780667207	I would like Keller ISD to consider busing students over 1 mile from school instead of the 2 mile limit today. Time is consideration in the morning and after school is a safety consideration. In order to walk to Parkwood Hill in the morning my child would have to leave 40-45 minutes prior to the start of school which is too early	
74	780653937		
75	780652886		
76	780623297		
77	780601474		
78	780582838	The only concern I have for my children walking to school is that there are no sidewalks on North Tarrant Parkway and it is a very busy street. They do have to walk along North Tarrant Parkway for about 2 city blocks and then cross at the intersection of N. Tarrant and Parkwood Hill Blvd.	Sidewalks on N. Tarrant Parkway
79	780563273	I don't think it is safe for children walking two miles to or from school. There are too many perverted people in the world today watching our kids. Just two weeks ago a man approach a high school girl on Ray White walking to school tried to force her in a car. The street my child have to cross is too busy for kids to be crossing without a crossing guard, and sometime those crossing signal poles button don't work. I worry everyday when my child have to walk so far from school to get home.	I would like to get a bus to pick the students up in my neighborhood because North Tarrant is a busy street. There are no sidewalks for the kids to walk on, so they have to walk the media which is never safe.
80	780555357		there should be more police at the school zones before/after school, to watch out for speeding cars and safety of students.
81	780523456		
82	780486828		My Child has to cross N. Tarrant Parkway to get to school. There is too much traffic, speed and lack of sidewalks, however if there were a crossing guard at Parkwood Hill & N. Tarrant Pkwy. OR at Park Vista/Ray White & N. Tarrant Pkwy. I would allow my child to walk or ride their bike to school. This is the MAJOR reason my child has not been able to walk or ride his bike to school.
83	780431089		I prefer taking my daughter to school and picking her up it doesn't matter if the neighborhood is safe or not it is just my preference.
84	780428676		
85	780427235		The main area I worry about is the intersection of Park Vista and Redwood Trail. It is a four lane street with a lot of traffic. There is currently a crossing guard there, but she really has to work to get noticed for traffic to stop. I feel it would be very helpful for there to be another crossing guard to help so each could concentrate on one side of the street.
86	780422085	NT Pkwy not have sidewalks; no extended school zone at Parkwood Hill Boulevard and no crossing guard; Aieeeeeee!	
87	780411674		The traffic on Ray White, crossing guards at Ray White and North Tarrant, as well as, guards at Parkwood Hill and North Tarrant.
88	780374584		
89	780342759		
90	780342007		Longer periods for crossing guards on Park Vista, and additional crossing guards on Park Vista to assist in stopping traffic on Park Vista Speedway. Cars routinely travel faster than the posted school zone or normal speed limits. Crossing guards are available for elementary school more so then intermediate.
91	780327051	My son rides his bike to school each day, normally I watch him until he gets past the park vista/glen canyon crossing. That intersection it HORRIBLE. Cars just don't pay attention to the school zone or go too fast.	More traffic officers watching Park Vista. I understand that all schools have this issue - but the ParkVista/Glen Canyon intersection is very dangerous for children. Having two crossing guards help, but someone is going to get hurt.
92	780324428		Speed of cars is DEFINATELY an issue in this area.

	A	AZ	BA
93	780312987	I see that some of my options to change are not possible such as controlling the weather. My fear is the incomplete sidewalks all the way to the school and the lack of extended school zone at the Parkwood Hill Boulevard and N. Tarrant Parkway intersection. A crossing guard could help to insure the safety of the children crossing if an extended school zone is not possible. I have seen many people run the red light, very late, because they are very late for work or not paying attention. N. Tarrant Parkway is an access road to I-35W and people are "hauling" in the mornings (I admit to driving 45 some days and being passed). We did try biking at the beginning of the year and the first day that my son was coming home a right on red nearly hit him in a crosswalk with assistance. That nixed it for us and we started driving him. What a way to pollute the earth more by having parents drive their kids to and from school. More traffic on the road in the morning and afternoon. Drop-off in the morning is a drive through system, but it take at least 10 minutes from the time I turn south onto the street that the school is	North Tarrant Parkway between Ray White/Park Vista and Parkwood Hill Boulevard has no completed sidewalks for those that live north of North Tarrant Parkway. And extended school zone at Parkwood Hill Boulevard would make cars have to slow down so that when children cross with the light the drivers have a chance to react in a timely manner. Think of all the money that the city of Fort Worth could make catching speeders in a school zone, or red light violators!
94	780283551	I feel that the set up with crossing guards are set up very well! My child is able to cross all major streets with a crossing guard. It actually takes a total of 3.	I wish more people would observe the speed limit on Park Vista, especially in the school zones.
95	780058037		A crossing guard at North Tarrant Parkway and Parkwood Hill intersection.
96	779902146	I just feel it is safer overall for us to drive children to/from school. I don't have to worry about them being talked to by strangers, jeered at, mocked, teased, etc.	I think that there is far too much traffic on Tarrant Parkway to consider either walking or biking at their ages. It is a major street and people are in a hurry and often have 'attitudes' while driving, and want people to hurry and move out of the way.
97	779856065		
98	779821286		
99	779815074		
100	779807220	We live too far away for my child to walk	
101	779772075		
102	779747662	I let my child ride only after putting together a group of children to ride together - at least 3 children in the group. If less than that, I drive my child	
103	779741465		North Tarrant needs sidewalks. North Tarrant/Ray White and North Tarrant/Parkwood Hill Blvd intersections need No Right Turns on Red during school hours.
104	779741114		
105	779724410	The only issues around Park Glen is the traffic circle to pickup/drop off kids. It is way too congested with the 4 way stop sign just outside of the school. The crossing guard there, stops traffic everytime a child walks up, instead of letting a few children accumulate before you stop the traffic from flowing, thus backs up the traffic circle considerably.	More closely monitor the school zones (making sure they work like they are supposed to) and monitoring the speed along Park Vista all the time.
106	779716554	With the High School down the road, the new teenage drivers as well as many adults, do not follow the speed limits down park vista, during the school zone flashing or even when it is supposed to be 35. This area needs to be monitored more.	Park Vista and Redwood Trail - there are no crossing guards when my child goes to/from school. The schools zones along both routes (Park Vista and also Parkwood Hill) sporadically work. There are times that at least one end of them is not working at all.
107	779712485		
108	779702797	Walk and bike are fun to go or back to school but I'm always thinking and concerning about the safety first any situation. So let him to ride bike or walk for the school with parents.	
109	779668975		
110	779554879		
111	779550845		Inclement weather policies need to be revamped to make it run more smoothly.
112	779547960		
113	779443731		
114	779405048		more police patrolling areas, people dont seem to know what a school zone is and we have had several attempted abductions in the last 2 years as well.
115	779381353	Today when I was walking from the school campus to my parked car with my son, the crossing guard was in the middle of the intersection holding up the stop sign. We began to cross the street and a car decided to make a left turn and almost hit my son and myself. The crossing guard was in the middle of the intersection and the lady still decided to turn. It's a good thing I was watching because we could have been hit. That was at the intersection of Glen Canyon and the street that passes to the east of the school. The cars on Park Vista - which is the main highway closest to the school- usually always drive faster than 20 miles per hour and they often disobey the crossing guards. I personally have witnessed about 4 close calls just this year. It is just not safe.	How can you change the drivers in this area? It is not the crossing guards. They truly put their own lives in danger every morning and afternoon because the drivers in this area are in a hurry and they think they are just too important to worry about following and obeying the laws. I totally blame the drivers because I have witnessed their behaviors. How do you fix that? Just maybe ticket, ticket, ticket!!!
116	779375851		
117	779345092		
118	779321324		
119	779300590		
120	779256134		
121	779190072		The traffic on Park Vista needs to be slowed down, it is way too fast. Children cross at locations without the crossing guard.
122	779183453		My child would have to cross North Tarrant to walk or bike to school and I am not comfortable with letting him do that. It is too dangerous.
123	779182069		
124	779171741		crossing guard at ray white and north tarrant
125	779139397		
126	779130286	The problem I have is that on our side of Park Vista there are no other children close enough for him to walk/bike with. If the start/end times for Hillwood were closer to that of Parkwood Hill, the number of kids available to travel together would greatly increase.	The crossing guards on Park Vista are wonderful - can't say enough good. The issue is that past about the Park Glen Elementary area the amount of kids walking/biking greatly decreases b/c most parents think it's just too far. Consequently, I do not allow my child to walk/bike b/c there's nobody for him to walk with.
127	779107872	Our daughter walked home from Park Glen Elementary, about 1/2 mile from our house and mostly with friends, in the fourth grade, carrying her cell phone. She walks home with a friend from Parkwood Hill about 1-2 times per month. We currently pay a shuttle bus to bring her home.	My wife and I work some distance away from school, so transportation alternatives on bad-weather days are very limited; otherwise, she'd probably walk or ride her bike regularly. We also are concerned about her walking/riding alone.
128	779082833		
129	779022507		The lights at N tarrant and Parkwood Hill Blvd need to be changed so that there is more time for them to get across. A lot of the time only 1-3 cars can go through before it changes
130	778997817	there is no paved route to freedom elementary from ray white	the kroeger and ray white intersection needs a light, and the north tarrant east of ray white light needs side walks and crossing guard at parkwood hill intersection at north tarrant
131	778981562		

	A	AZ	BA
132	778968370		Slow down traffic on Park Vista. It's way too fast and dangerous for children crossing and even dangerous when crossing side streets off of Park Vista. The cars go way too fast on Glen Springs at the Rushmore intersection, it's dangerous for children to cross. Stranger Danger is a real issue and a big concern in letting my child walk or bike to school without an adult.
133	778943816		
134	778845295	Mostly I would not like my child to walk alone and also, his backpack is too heavy to have to walk nearly 2 miles.	It would be nice if drivers were not so irresponsible when it comes to driving in a school zone. They don't pay attention. How many times to I see drivers not stopping for kids to cross the street? Too many to count.
135	778844229		Most of the new schools intersections (within 1 mile) are very busy and need lights to help control traffic and how one can cross these intersections.
136	778828499		
137	778806374		
138	778686966		Adding a sidewalk on Wall-Price Keller where one does not already exist - and - building a permanent sidewalk on Ray White Rd. where there is currently a black-top one.
139	778678720	My daughter just recently began walking home from school because she had no other way home.	I strongly urge you to have a crossing guard at the intersection of N. Tarrant Pkwy and Parkwood Hill Dr. The lack of a crossing guard and reports of attempted abductions are my primary concerns.
140	778676026	My daughter just recently began walking home from school because we had no other options for transportation for her. I don't like it but it is something that I feel we must do.	I strongly urge you to have a crossing guard at the intersection of N. Tarrant Pkwy and Parkwood Hill Dr. The lack of a crossing guard and reports of attempted abduction are my primary concerns.
141	778659783		
142	778639576		
143	778638262		
144	778636732		
145	778619932		
146	778607712	n/a	can't change the crime in our world.....
147	778603748	child has a cell phone so she can walk from school. If she didn't I wouldn't let her walk as the conditions are now. If my child had to cross Basswood or North Tarrant, she WOULD NOT walk, bike, etc. traffic is TOO fast and people don't seem to give pedestrians the right of way anymore.	safety for crossing streets, way to make traffic slow down or have a way to cross streets that children are not in the direct line of traffic
148	778599175	Concerns of traffic violations, high-traffic streets kids have to cross, pedifiles	major streets in our area are like open road for speed, maybe some type of device that causes you to slow down, ways to cross the street that don't require children to get stuck in medians at intersections or to cross streets with high traffic (bridge maybe??)
149	778576771		
150	778562104	Glad my son only has to walk two blocks to bus stop	Crime is my only worry
151	778553473		
152	778536631		would like to see more police present, the traffic from the High School is getting heavier, along with the new shopping center. The crossing guards can not control all the traffic.
153	778516286		
154	778515368	Biking/walking would be great but too many intersections with too many early morning drivers rushing to their kids to school cause their late.	People at all corners from 7:30-8:00 and then some monitoring between streets (Slide Rock)
155	778508242	The crossing guard on Redwood almost to Parkwood Hill Intermediate has been absent some & on those days the position has not been backfilled. There is extreme amounts of traffic on Redwood & it is very unsafe for the kids to cross there alone. It needs to be a priority to have this crossing staffed! The guard down at the stop sign (Redwood & Parkwood Hill) should be moved to this location in the event only one guard shows up!	See answer on #18. Also, on days of inclement weather, Parkwood Hill Intermediate needs to release the kids for which the parents signed the waiver to let them go! I signed the waiver, but yet my child was not released. I have heard this same complaint from others. Apparently it is too much trouble for the school to facilitate the process they put in place & actually check for the forms they had us sign! Parking is a huge issue at this school which also causes a traffic nightmare with illegal double parking. There is a lot of unused ground on the South side. Why can't additional parking be added? Otherwise, a patrolman should be present to deal with the problem.
156	778500946		
157	778461275		
158	778446313		
159	778444359		The intersection at Glen Springs and Black Hills is very unsafe. To many cars are parked and cars driving do not see small children crossing. My son and I have a hard time crossing.
160	778414265	I have seen many kids almost get hit by cars when being dropped off at school. Middle School children are not very careful and teenagers are driving in the same area.	The front of Hillwood needs a safe way to get across. At the peak drop off and pick up time there is too much traffic for kids to cross safely. If there was help for maybe 15 minutes that would be all it needs.
161	778406097	I believe walking/biking/etc. to school is very important for children to be able to do! Not only is it healthy for them, they get great exercise...for some, that might be their only exercise except for PE. Please do not take away the option of walking/biking to school. I have another who begins Kindergarten in the fall and she is very excited to walk to school (with us of course).	Crossing guards at all three major intersections by Park Glen Elementary. Police car on watch on Park Vista at least once a week would be nice...would slow some cars down because you wouldn't know which day they would be there! More signs for awareness on the streets around the school for children walking/biking safety.
162	778387287	We use private shuttle services for our child. We are very happy with this arrangement and we feel that our child is safe.	I would not want for my child to walk to school. It's sad but there's crazy people and you can't trust anyone anymore.
163	778333623		
164	778329146	My son has physical limitations, so I tried to answer as if that were not an issue.	Traffic on Park Vista
165	778325709	I the children of similar age could group together from a neighborhood and commute, would be safer.	
166	778317715		I would probably only consider allowing my child to walk/bike when an adult could be with them--improvements would probably not change my mind much
167	778300212		
168	778283071	If more kids walked/biked, the safer it would be although crossing N. Tarrant Pkwy is too much of a risk, in my opinion. Also, even in school zones and at a cross walk, people still don't notice children walking/biking.	Longer walk signals at the North Tarrant Parkway crossings (Trace Ridge, Parkwood Hill and Park Vista); sidewalks along N. Tarrant Pkwy between Park Vista and Parkwood Hill
169	778274718	There are no crossing guards at the ridiculous intersection of Redwood and Park Vista when my son gets out of school. That intersection is the only reason I will not allow him to walk to school. Even when there is a crossing guard for the Park Glen walkers, 1 crossing guard alone is not enough protection to keep kids safe. People ignore her all the time and keep going. There needs to be a stop light at that intersection. It is very dangerous. Eventually, a child is going to be seriously injured or killed at that intersection.	There are no crossing guards at the ridiculous intersection of Redwood and Park Vista when my son gets out of school. That intersection is the only reason I will not allow him to walk to school. Even when there is a crossing guard for the Park Glen walkers, 1 crossing guard alone is not enough protection to keep kids safe. People ignore her all the time and keep going. There needs to be a stop light at that intersection. It is very dangerous. Eventually, a child is going to be seriously injured or killed at that intersection.
170	778271229	During the nicer times of the year we walk to school more than drive a car. Violence (13) is not a problem in our area, but occasionally you here of a child being encouraged into a car, not their own, within a 5 to 7 mile area of our area. If there could be more adults along the route (crossing guards, parents, etc.) then walking to school by herself would be thought of more.	More crossing guards along the route. Sometimes there is only one guard on a 4 lane road, with a median as well, and they can not cover the entire intersection. We have a high school nearby and that is a major problem with young drivers speeding through the school zones to get to their school. When we have police presence they are usually giving out tickets as fast as they can write them.

	A	AZ	BA
171	778235770	Too much traffic and speed in the morning to allow my daughter to walk to school along Park Vista by herself.	Side walks along Glen Canyon Rd are awful.
172	778233295		
173	778203681		
174	778195112	She was walking, but then stopped because of the bullying she was receiving. We were very discouraged with this, so she no longer walks to or from school.	Parkwood hills Blvd is very dangerous because of the attitude of the kids walking. Their attitude is "I dare you", and they will walk out in front of you purposely, which can cause accidents for us as the drivers or them as pedestrians.
175	778169058	My child use to walk to school but since there was a child almost abducted from our High School that is just as far away while walking we have not allowed her to walk anymore.	more police vehicles moving around the areas near schools
176	778144519	I would be happy for my son to walk to school if we did not live on the other side of Basswood (major road) from the school. IT is too far of a walk and it is not safe for him to cross the road there. It is too far for me to walk with my girls every day to take him and drop him off.	A crossing guard at basswood maybe.. but I know that we are a minority. We enjoy Park Glen and don't mind driving in to be able to attend.
177	778138601	The biggest concern we have for our child to walk is sidewalks. There are none on North Tarrant Parkway and we feel this is completely unsafe for all involved.	As stated above, North Tarrant Parkway needs sidewalks. It is not safe for our children to walk on the side of the road. There is too much traffic and it is moving too quickly. We also have concern about the children walking in the dark. When the time changes, it is still completely dark when the kids have to go to school in the mornings. This only exacerbates the traffic problems. I truly fear for the safety of the children I see walking or riding their bikes on that road and in the dark.
178	778122349	my child rides his bike to school because he has to. Yes the streets are very busy and he has to cross North Tarrant and it scares me to death, but he has done ok so far. Just stinks that the people behind us ride the bus because we are 1/10 of a mile closer.	crossing at North Tarrant and Parkwood Hill is very busy. Light is very short for them to be able to cross safely.
179	778100791		
180	778100291		
181	778091236		
182	778089105		sidewalks needed on n. tarrant also crossing guards
183	778082916		
184	778069267		
185	778053242		
186	778046906		
187	778032900		
188	778031837		
189	778029768	My daughter was going to walk/ride bike to the HS next to our neighborhood (Central) until redistricting moved her to the new HS (TimberCreek). The traffic and roads are worse to TC so there is no chance of her being able to ride. Needless to say we were pretty irate that the districting puts little importance on neighborhoods that you can't live next to a HS and go to it. Not to mention the extra time wasted in her riding so long on a bus every day and use of buses (expense, pollution, etc.) By the way I think it is absurd that it currently takes 40 minutes or more for the bus to bring her to the bus stop in the afternoons.	Ray White is a mess, half of it is boulevard type roadway and the other part is like a country road; narrow and no sidewalks. She has to walk this to catch a bus and it is very nerve-wracking with the traffic.
190	778028933		
191	778023684	There is too much traffic in the area and the cars do not adhere to the speed limits..This is because too many people drive their children to school this is more of a hazard and the children have to cross streets that are way to busy...Even if there are crossing guards and they have to go to the streets that have them: this puts my children well over 2 miles to walk if they go the routes where the crossing guards are.The cost of riding the bus is way too much when our taxes are high enough to pay for our childrens education.	Too many people speed through the subdivisions not many children walk because parents do not want there children crossing these busy streets which puts more traffic in the morning..So I would say not much you can do.
192	778023582		
193	778016163	ACTUALLY MY SON DOES STAY BEFORE AND AFTER FOR SPORTS AND WILL WALK HOME AT TIMES. IT IS FAR THOUGH A LITTLE OVER 4 MILES	
194	778015693	If we lived closer to school we would bike or walk.	
195	778014558		
196	778011541		
197	778011215		
198	778009696	I would like to be sure that my child can stay at school after school gets out in case of bad weather, so that he could contact me and I could pick him up by 6:00p when I get off of work.	My child crosses the intersection of North Tarrant Parkway and Parkwood Hill Blvd to and from school as do many of his classmates. It's a bit scary because I don't think drivers are careful there. It would help if there were a police car to monitor the intersection at release times.
199	778004551		
200	777976781		
201	777964501	There are some questions on the survey with possible misinterpretation - your data will be skewed by this. For example - 13 assumes that the listed items are "problems" but gives no option for respondents that do not consider an item to be a problem.	Signal on Park Vista at Ash River Tr.
202	777963932		Crossing Park Vista is a high traffic area and not always a cross guard after a certain time, especially if your child walks as slow as mine does.
203	777956086		
204	777949805		
205	777934406		A large percentage of sidewalks in the Park Glen area are in need of repair, makes riding a bike or scooter dangerous.
206	777883814		crossing N Tarrant Parkway is unsafe no matter what. I pay 65\$ weekly for a shuttle because bus route is to full.
207	777867152	I personally living on the south side of Basswood would not let my child walk to school.	
208	777862269		
209	777842429	Would like to see better traffic control at the school.	Would like to see the streets around the school patrolled more. Right before school is let out too many vehicle speed by I guess to beat the traffic.
210	777842344	Lots, Lots, of traffic in the morning to to get to school... I dont like it....!	need sidewalk locations and safer streets
211	777838653		20 mile per hour speed zone enforced
212	777829401		
213	777826089		
214	777824278		More traffic control on school zones, I don't see any control of people speeding. My daughter is also eligible to ride the bus, but has complained about the lack of control and over crowding on her bus.
215	777821843	My greatest fear is some wacko kidnapping my child. I always require them to walk with others. I think that should be stressed with the students more in the schools.	

	A	AZ	BA
216	777821362	Cars speed up to the last second on Park Vista, Maybe the flashing lights need to start earlier timewise and distance wise. Spanish River at Park Vista is very dangerous. The lights don't start flashing until 2:30pm. When I go get my daughter walking I have to cross Park Vista earlier than that to make it to Parkwood Hill at 2:45pm. Traffic moves way to fast at Park Vista Boulevard.	Need additional cross guards at Park Vista and Redwood Trail. Traffic moves too fast, I've seen many vehicles that don't respect the flashing lights on the 1 day a week we walk.
217	777821348		
218	777820555	not sure either way if walking is encouraged or discouraged in question 14	my child would have to cross tarrant pkwy to get to school. I would never really feel comfortable with that.
219	777820125		
220	777817346		Need additional stop sign at intersection of Rushmore and Glen Spring Trail. Only Rushmore has the stop sign and that is dangerous when crossing Glen Spring Trail
221	777812751		
222	777810836		Crossing guards at major intersections, better flow of traffic for cars.
223	777806928	I would allow my 8th grader to walk if walking with a group of children. I believe it is unsafe for ANY child of any age to walk alone. Unfortunately sex predators live in every neighborhood.	The traffic on Park Vista is not monitored. There is alot of speeding especially after school.
224	777798451		
225	777795915		
226	777794074	I have a Master's degree.	I am still amazed at the people that speed along Park Vista. Also, the amount of people that stop on side roads to drop off kids which is not allowed.
227	777793371		
228	777774438		Traffic on North Tarrant is dangerous; a walker is never given a chance to walk because of left turners.
229	777774235		Would like a crossing guard at Parkwood Hill Blvd. and Redwood Trail
230	777773852		
231	777771431		
232	777770510		
233	777765041	The street I live on, Blue Water Lake Drive, is a VERY unsafe street. It is one of only two streets that flows from Park Glen to Parkwood Hill and MANY vehicles are traveling this street (at a HIGH rate of speed) in the mornings and afternoons. I have even heard that most people take this street instead of redwood because there isnt a school zone speed limit and they say it is quicker!! There is a small speed hump, but that is NOT slowing people down. (See for yourself by the groves in the hump made by cars grinding it!!) I live in front of the speed hump, and I see it all the time. Something definately needs to be changed on Blue Water Lake Drive.	I would like to see people actually FOLLOW the speed limit when the lights are flashing to slow down because of a school near by. I would love to see some groups maybe getting together for students to walk, bike to school. And I would definately love to see something happen on Blue Water Lake drive before a child or an adult get injured!
234	777757514		
235	777757247		
236	777755541		
237	777752038	If bike riders and scooter riders, aren't skilled enough, to ride on the street.....where they belong.....I certainly don't want to be walking along a sidewalk, being shouted at, "Get out of the way"! Sidewalks are for "walkers". If you're riding a bike, or a scooter.....you should be on the street, for goodness sake!	I don't think there is much hope for improving the situation. Parents, these days, aren't doing a very good job of teaching their children the basics in manners, safety, and common sense! And, I for one, am very sad for these children. My son.....knows how to cross a street. He knows, that he should walk on, "the right side" of a sidewalk, or a hallway. He knows, that sidewalks are, FOR PEDESTRIANS....not for kids riding bikes!! Unless the FWPD would be willing to come into the schools, and teach some basic safety classes to the children.....walking to school, is just too dangerous. Just my humble opinion. Thanks for asking!
238	777751495		
239	777750066		
240	777750009		Aside from the distance, we either have to cross Basswood at Los Padres, which has no light or crosswalk, or go under Basswood and through the park, which not only adds time but concerns me for children walking alone due to isolation.
241	777744371		
242	777743171	Safety is my main concern. Not sure that I will ever let my kids walk home from school unless they were in a crowd. Plus all schools are too far either in our current or future feeder pattern. A very busy streets are involved either way. Drivers in TX are psycho and not pedestrian or bicycle friendly.	Change the # of child predators in our area particularly the Summerfield area. Have bicycle lanes and cross walks. Make TX drivers suffer w/ tickets for not giving pedestrians and bike riders the right of way.
243	777741605		More police presence, and stop lights not just stop signs that do nothing but cause wrecks.
244	777739114		More adults to oversee that young children are safe from predators while walking to and from school.
245	777736870		I wish the parents along Basswood & Teal would stop allowing and encouraging their children to cross the road without them being with the crossing guard. The children are encouraged to cross after they've passed the crossing guard thereby running out between cars where no drivers can see or anticipate the young children crossing.
246	777735372		
247	777735302		
248	777734156		
249	777726664		
250	777724818		I would like to see another speed hump put in on Trace Ridge Parkway. It is a major road in and out of the division and people drive very fast. I do not like my children to cross this street without me watching, even my oldest child.
251	777724787		
252	777723055		
253	777714355		
254	777713338		The greatest sense of safety for me as a parent would be for local police to do periodic patrols during before/after school hours.
255	777712219	Speed bumps, officers being visual and speed awareness would help a lot especially since Park Vista is a "thru way" to Central High School, meaning young, inexperienced drivers.	Speed bumps or other visual deterrents or reminders to slow down in the area while children are present.
256	777709391		
257	777702742	It makes it hard to find a safe way to get your child to school since school bus is not made available to everyone. School should make it avail to every child with out a charge and drop off close to home.	I would like every child to be able to ride the bus and it to be safe on the bus. Parents have to work Keller makes it hard on parents.
258	777700811		Sometimes the school flasher on Park Vista is set too late for the commuting students. Students can arrive at school at 7:15am and the flashers sometimes come on at 7:30am. Other times they don't come on at all. The traffic on Park Vista is Very fast. I am worried about the children and the crossing guard. I've called the city 3x without a response.
259	777699905		

	A	AZ	BA
260	777697914		The intersection at Ash River/Park Vista is dangerous for Hillwood students to cross as traffic is moving fast and coming over a hill! Kids are hard to see!!! A cross guard or light wood be nice!
261	777697247		Park Vista traffic is to fast and sometimes the school flashers are not working. This concerns me.
262	777695712		The way that the children exit the school to either walk or ride home and the parents attention to the walking children and follow the rules for picking up riding children
263	777689381		
264	777679756	I dont let my daughter walk home very much because of some of the streets on NTP do not have sidewalks. She would love to walk home everyday.	Sidewalks
265	777677162		
266	777672336		
267	777671922	Most of these questions did not apply to our situation since we live so far away from the school. Walking/riding is not an option.	
268	777670111		Bike safety class; crossing guard/volunteer parent to monitor the RECKLESS BIKE RIDERS FROM PHIS CAMPUS toward Park Vista Blvd. Mentioned the problem to the principal, and the response: "its not on campus, not a campus problem". Yes, but the reckless bike riders are leaving YOUR CAMPUS! SUGGESTION: watch after school and witness yourself. It's amazing MORE kids haven't been seriously hurt.
269	777668643		
270	777668173	Need a more effective way to release walkers during inclement weather. Only Park Glen elementary has an organized system in place. The other schools appear to operate in chaos, where is can take up to 30 minutes after dismissal to locate your child...ridiculous.	
271	777663259		
272	777659934		Redwood and Park Vista
273	777657090	If we had more direct route to school with less traffic, my daughter would bike every day. Street traffic too heavy and alternate route through wooded area so usually rides the bus. She would prefer to NOT ride the bus - it's too noisy	Route to Hillwood more direct that doesn't cut through wooded parkland
274	777655270		
275	777655042	It is extremely unsafe with all the traffic, not to mention the kids driving from central high.	Ray White...enough said!
276	777652477	walking to this school is WAY to dangerous in my opinion, and for all of the working parents who let their kids walk home...they need to have a talk about crossing the street in the middle of traffic!	a crossing guard is needed!!! where is the police officer (for the school) after school? maybe he could man the traffic/kids walking.
277	777645801		we live more than 2 miles away, so walking or riding his bike is out of the question. besides, there are no sidewalks for most of the route.....
278	777641281		
279	777640256		
280	777638640		
281	777637862	For my child it is safe for her to walk home.We have crossing guards along our route .	
282	777635319		Traffic and speeds
283	777634305		Light in Park Glen park so that they can travel through the park to get to school
284	777630927		
285	777629751		Traffic on Park Vista Stinks
286	777629144	Walking to school would be wonderful but I worry about safety issues with strangers.	
287	777626735		North Tarrant is extremely dangerous for walkers: no sidewalk, dangerous traffic.
288	777624235		The Park Vista Intersection and the distance sometimes creates doubts in my mind.
289	777621638		
290	777620868		
291	777618507		
292	777618192		
293	777617873	my child does not walk-bike to school because of the amount of things she has to carry back and forth.	
294	777616637		
295	777614699		
296	777614040		
297	777613647		
298	777612324		
299	777611999		Road humps on Parkwood hill to slow speeding traffic
300	777611326		
301	777609960		
302	777609240		
303	777607835		The north side of North Tarrant between Ray White and Parkwood Hill does not have sidewalks and is dangerous. Also, I have not noticed any crossing guards at any of the intersections along North Tarrant.
304	777603697		Road humps on Parkwood hill to slow speeding traffic
305	777601156		
306	777598462		
307	777597751		
308	777594287	periodic safety instruction for the children throughout the year as a constant reminder	
309	777591381	Weather, distance, and going through the park are our concerns.	
310	777591205		North Tarrant traffic too congested for my child to walk or bike to school. Intersection at N. Tarrant and Park Vista, and N. Tarrant and Parkwood Hill too busy to allow my child to walk/ bike.
311	777589937		
312	777587880		
313	777587651		The kids like to walk home thru the parks on the way to Park Glen. Some of the areas are fairly secluded and I feel just not safe at all for this age group to be walking alone. If they don't cut thru the parks, then they would have to walk down the very busy streets like Park Vista, Basswood, or N. Tarrant. Not sure there really is a good solution for this one. It's just hard because if for any reason my daughter misses the bus, it is a long walk and in my opinion not safe. It would take me 45 minutes to get from work to her school to pick her up.

	A	AZ	BA
314	777585720	Questions 14-16: For myself & my child it is not an issue of health or fun but rather safety. I feel that we live in a very nice area/neighborhood but because I work, my child's mode of transportation to and from school has been the school bus as we feel this is the safest option available to us.	My child will attend Central HS next school year and even though we live right next to CHS, her new schedule will allow time for me to drop her off at school and another parent will bring her home. Our decisions for school transportation are not based on improved routes but rather safety...
315	777582336		
316	777579408	I don't really like the idea of having my children walk to and from school; however, due to after school activities, we are not able to make other arrangements to have them pick up.	
317	777578487		A crossing guard at the 3-way stop into Hillwood Middle School off of Milford Drive. Many rushed parents don't pay as much attention to the kids that need to cross to the other side of the street, and it becomes very dangerous at times.
318	777577195	Dont feel safe with my son crossing North Tarrant	North Tarrant
319	777576699		
320	777575521	North Tarrant is too busy for children to be crossing alone. It needs crossing guards	
321	777575177		
322	777575114		Additional sidewalks are needed down Tarrant Parkway for the safety of our children.
323	777574036		
324	777573462		
325	777573110		
326	777572593	My real issue is the distance from our house. I prefer to have prearranged transportation for him in case of inclement weather or scheduling changes. In addition, I am not home when he's coming home, so I feel more comfortable knowing exactly where he is. This survey should have included the consideration of parental location during the school transport time as well. If I were at home, I could pick up on rainy or busy days; thus walking/bicycling would be more of an option on normal days.	I don't believe much could be done. He's 14. I believe he could walk to school safely if we did not have time constraints and possible inclement weather. Not much the school do about those.
327	777572487		Teal is a hazard because of the speeding cars. Basswood is a hazard because of the amount of cars and speed of cars. There is no safe place for kids to walk on Basswood. The alternate route could be for them to walk through the park, but there are wooded areas where predators can hide.
328	777571942		Too many cars and congestion at Parkwood Hill with many drivers speeding, not stopping at stop signs and no crossing guards just not a safe environment.
329	777571378	I have a masters degree and live very close to the school.	Just monitoring. My children are African American/ Anglo - biracial and have had high school students drive by and yell racial slurs and threats
330	777478377		Police officer to prevent speeding when school zone is "active", when kids are walking to or from school.
331	777440827	With the society today it is not safe for any age child to not be in the company of an adult!	Speed bumps on Union Lake and maybe more crossing guards.
332	777367099		
333	777359970		
334	777351214		
335	777315734		
336	777173645		
337	777124112		
338	777122902		crossing guard at Park Vista and Spanish Trail
339	777034199	Additional Crossing guards	Occasional police presence - aiding in the enforcement of 20mph speed.
340	776928809		
341	776915354		
342	776913140	We walk/bike through the park to get home and I do not feel comfortable letting him go through the park alone.	I see kids having trouble crossing at the bottom of Glen Canyon down by the court. There is a crossing guard at car rider pick up line but not down further. It's also hard to see the kids there when they cross over and you're driving.
343	776903771		
344	776892209	I am uncomfortable with the crossing guard nearest to our school, has a small child running loose while trying to cross other children, who has been seen near the road and always late in the morning so children cross by them selves	would like to see a crossing guard at lake arrowhead, fast traffic and turning intersection
345	776889038		
346	776888577	Due to crime in today's society and would prefer to take my children or walk or ride bikes with my children to school every day. I do not feel comfortable letting them go alone at any age.	Of course crime in the area.
347	776882834		
348	776875453		park vista & redwood trail
349	776872228		
350	77687419		
351	776841392	As my oldest will now have to move up to another school further from our house next year. I feel her safety is the primary concern for not allowing her to walk/ride without an adult.	
352	776840497		
353	776837855		
354	776835785		The only thing that needs improvement is the enforcement of No Parking along Parkwood Hill Blvd. The cars lined up and down the street, combined with cars doing u-turns in the road is very dangerous for kids who are crossing all over. In 3 years, I have not seen the No Parking enforced at all!
355	776833824	I believe 1 1/2 miles or more is too far for children to walk. There are mean people, children are not supervised, traffic is bad they have many books to bring home on this long walk..My children are involved in other physical activities and this really wears them out. I see no problem with walking but the distances are a little far to carry back packs instruments and what ever else they need to bring home. I have to drop my child off almost an hour early because children this age are to irresponsible to get to school on their own. If I can drop them off on my way to work I know they got there safely and I do not worry so much..	Change the bus routes to include picking up children that live more than 1 1/2 miles from school that will most likely eliminate most major streets. It will mean less traffic because more parents will let their children ride the bus. There is too much traffic because most parents to not want their children walking two miles to and from school everyday. Less traffic less chances of an accident..Then maybe more children who live closer to the schools will let their children walk..We have almost empty buses driving to and from our school because the school wants to charge people too much for their children to ride...What a waste of gas and space on the school buses..
356	776832776		
357	776832260	Park Vista has become very dangerous since installing a stoplight at N. Tarrant/Park Vista. I have written letters to have speed limit signs installed and a crosswalk installed at Ash River and Park Vista. Additionally, since Central HS students are dismissed before the other schools, there is an abundance of teen drivers driving very fast and recklessly on Park Vista.	I would like speed limit signs posted (35) on Park Vista, as well as a crosswalk with flashing signs at Ash River and Park Vista. Speed bumps may also be needed, as 90% of the traffic does not go the speed limit on Park Vista.
358	776824433		

	A	AZ	BA
359	776803806		There should be two crossing guards at redwood and park vista. There is too much traffic for just one person to handle. Also, speed bumps or something should be added on park vista because people fly through the school zone.
360	776795297	Once my child reaches an age where I'm comfortable with her walking, I don't see any reason not to let her walk/ride a bike with friends. I didn't answer #13 because I didn't feel like any of those items were problems that needed fixing. I consider them important in my decision-making, but not problematic.	Lot's of kids use Redwood. Yes, there are sidewalks but cars do tend to drive rapidly through there. Perhaps include that street in the school 20 mph zone.
361	776791754		
362	776780831		
363	776779252		
364	776758422		The traffic on Park Vista Blvd has increased significantly. The problem is that people drive 50-60 MPH down this street and do not heed the school zone speed limits. It is very dangerous in my opinion for elementary age children to walk/bike alone, especially if they have to cross Park Vista.
365	776753649		
366	776748905		
367	776746565	the cars NOT obeying the rules along Glen Canyon (turning left into parking lot, not lining up behind the school) AND parents following their bike riders, IN THEIR CAR, driving 2 mph and clogging traffic is a continual problem. People STILL turn right, into the driveway, and the "patrolling" teachers do NOT stop them. kids are being drooped off ON THE STREET, in front of the school, IN TRAFFIC	enforcement of the NO turning into the parking lot unless you are in the proper line. Parents NOT driving like idiots after they drop their kids. (speeding around the cars that are still dropping kids....I have almost been hit TWO TIMES (light blue Jeep Grand Cherokee)
368	776746376		I want to see parents not parking where they are not supposed to park, i.e. intersections e.g. Black Hills Lane & Glen Springs Trail. Additionally, and it is said commentary, my Wife and I want to see a greater Police patrolling, &/or at least more adult crossing guards further out from Park Glen Elementary, e.g. Glen Springs Trail, Slide Rock Rd, and Island Park Drive -- main avenues to and from Park Glen Elementary. Thank you.
369	776742744		enforcing school zone speed
370	776739987	My main concern is having a group for my child to walk with. It does not necessarily have to be adults, however I would not allow my child to walk alone.	More crosswalks and an led traffic system that the children use like a traffic light. A button is pushed, and strobing LEDs on either side of the street illuminate to alert drivers of children in a pedestrian zone.
371	776739460		
372	776739309	My 5th grader does ride his bike to school by himself or with friends. The traffic is too bad on Park Vista to allow my 2nd grader. We usually don't ride or walk due to a younger sibling at home still.	Traffic on Park Vista just seems to zoom by. A car couldn't stop in time if a child accidentally fell off the sidewalk or fell off their bike into the street.
373	776737309		
374	776735775		
375	776734869	My child was nearly hit by an inattentive driver even while crossing with the crossing guard. The Crossing Guard is essential at Park Vista & Glen Canyon. On the few days that we've seen the crossing guard absent I drive him to school. We feel safer with the two crossing guards now posted at the intersection (Glen Canyon & Park Vista) that we utilize.	A stop light at Park Vista & Glen Canyon would be ideal, but at a minimum keep the TWO crossing guards. It would improve congestion coming from the school if the crossing guard posted on the west side of Park Vista did not park her car so close to the stop sign on Glen Canyon at Park Vista. She seems to be parking closer than 50 feet which I believe is TX law in the legal distance to park from a stop sign.
376	776730471		
377	776729347		
378	776728956		
379	776726316		The sidewalks on Arcadia Trail between Squaw Creek Court and Black Hills have many uneven places. I would love for the sidewalks to be evened out.
380	776725594		Speed bumps on Redwood Trail and STOP SIGNS/LIGHTS on Park Vista at Redwood Trail and/or Glen Canyon.
381	776725107		The traffic along Rushmore in the morning is extremely fast. There is quite a bit of morning traffic and the speed of most drivers is too fast for me to comfortably allow my child to walk to school. Also, there is no safe place for them to cross on Rushmore or Park Vista to safely get to school.
382	776724705		
383	776724570		
384	776499275		
385	776389729		The speed on Redwood is a problem. There are kids crossing at Grand Teton and there is not a crosswalk or crossing guard. I think that Redwood should be a school zone from Park Vista all the way to Parkwood Hill.

APPENDIX-C

**PLEASE MARK YOUR CALENDAR!
COME AND HELP FINALIZE THE DETAILS OF OUR
“SAFE ROUTES TO SCHOOL PLAN”**

FOR PARK GLEN ELEMENTARY, PARKWOOD HILL INTERMEDIATE, HILLWOOD MIDDLE

GOAL: Create a proposal to submit to the City of Fort Worth and the State of Texas to obtain Federal funding for making streets & sidewalks safer in our neighborhood.

Tuesday, May 26th 6:30 pm-8:30 pm — Give your ideas and input for a pedestrian and bicycle safety proposal to the Design Team. **(Pizza will be provided by Jet Pizza & CiCi's Pizza)**

AND

Thursday, May 28th 6:30 pm-8:30 pm — Design Team presents proposal from community input **(Pizza will be provided by CiCi's Pizza & Jet Pizza)**

Location: Park Glen Elementary, 5100 Glen Canyon Road, Ft. Worth, TX 76137

Are you interested? Here are the top five areas of concern from our Parent Survey:

69.1% Safety of intersections and crossings

65.1% Crossing Guards

64.7% Amount of Traffic along routes

59.5% Speed of traffic along route

59.1% Violence or Crime



Come give your input and ideas!

Come and introduce your child to the Design Fields such as: Landscape Architecture, Architecture, City Planning, Civil Engineering, Traffic and Transportation Engineering

You and your child will gain hands on experience by giving input into the details of making the routes safer for our children when walking to and from school and around the community.

Please contact the PTA coordinator of this project at SGKAssoc@aol.com if you have any questions or need any additional information.

Pizza donated by Jet Pizza (at Park Vista & North Tarrant Pkwy) and CiCi's Pizza (at Beach and Basswood)

SAFE ROUTES TO SCHOOL PLAN MEETINGS

For Park Glen Elementary, Parkwood Hill Intermediate, Hillwood Middle

Tuesday, May26 & Thursday, May28th 2009

6:30 pm-8:30 pm at Park Glen Elementary

AGENDA FOR TUESDAY, MAY 26TH

- 1. INTRODUCTION – PRINCIPAL CAROL WICKER WHITE**
- 2. POWER POINTE PRESENTATION ON SAFE ROUTES TO SCHOOL PROGRAM AND PLAN- SUSAN KENNEY**
- 3. BREAK-OUT INTO GROUPS TO GIVE INPUT**
- 4. BREAK –OUT GROUPS REPORT BACK TO LARGE GROUP**
- 5. ANNOUNCE DATE OF NEXT MEETING THURSDAY, MAY 28TH (SAME LOCATION (PGE) AND TIME (6:30 PM-8:30 PM – IN GYM): Design Team will present proposal(s) from input and will receive community feedback**

Tuesday, May 26th Meeting

There were a total of Fifty-two (52) participants at this meeting. At this Meeting, Susan Kenney, Coordinator for the Safe Routes to School (SRTS) Plans gave an approximately 15-20 minute power point slide presentation on the SRTS Plans that the three schools are working on. During this slide presentation, Ms. Kenney taught some educational points to the students and parents.

EDUCATIONAL POINTS HIGHLIGHTED DURING PRESENTATION WERE:

- 1) Explained Safe Routes to School Program and Plan that has five areas: Education, Encouragement, Engineering, Enforcement, and Evaluation
- 2) Importance of exercising 30 minutes a day and 20 minutes of vigorous activity 2-3 times a week for children
- 3) Walking/bicycling with a buddy or in groups of three or more
- 4) Importance of crossing at the crosswalk, too dangerous to cross elsewhere on Park Vista because of speed
- 5) Explained relationship between speed of roadway and pedestrian survivability. Explained importance of 20 mph speed zone
- 6) Explained danger of crossing street between on-street parked cars. Recommended to children to go to nearest crosswalk or intersection.
- 7) Explained danger of darting out into street from driveway. Important to look left, right, left before crossing street.

During the slide presentation, Ms. Kenney also explained some of the encouragement programs that are being discussed for next year.

ENCOURAGEMENT PROGRAMS HIGHLIGHTED WERE:

At Park Glen Elementary:

- 1) International walk/bike to school day in October
- 2) Possible WOW Program, walk/bike to school on Wednesdays

At Parkwood Hill Intermediate:

- 1) Exercise Log- where students fill out and parents sign in order to be able to enter raffle for prizes. Students can put down time walking/bicycling to school, etc, or if

live outside of safe walk/bike zone, can exercise at home and in neighborhood and still fill out exercise log.

Ms. Kenney also showed examples of what other communities around the United States and other countries (i.e. Holland) have done to make their streets, sidewalks, and intersections safer for bicyclists and pedestrians going to and from school and within their community.

The large group then broke out into smaller groups. There were a total of 52 participants. The adults had specific questions to address and the children 3rd grade and high also had their specific questions. Children 2nd grade and less had specific things they were asked to draw. Some third graders also switched to a table where they drew pictures of specific questions they were asked. The following are the questions that each group was asked and their answers to their questions. Each group, 3rd grade and higher and adults also marked on a map their concerns and solutions.



QUESTIONS FOR BREAK-OUT TABLES (3RD-12TH GRADE)

1. Identify and mark on the map where you live and how you do or would walk or bike to and from school.
1. Identify problem areas for walking and/or bicycling to and from school.
Other concerns that you have about walking/bicycling to and from school.
2. Identify problem areas when walking/bicycling around and within the community (for example, on the trails in Arcadia Park, in the neighborhood, to commercial/other areas.
3. Identify what you would like to have in your community to make it even more bicycle/walkable friendly that would encourage you to get out and walk/bike.
4. Solution ideas for problem areas.



COMMENTS FROM BREAKOUT TABLE #1 (STUDENTS)

PROBLEM AREAS

1. After-school crossing guards
2. 7:15 am crossing guards aren't there by Park Glen
3. Need a crossing guard at Ash River
4. Slower traffic on Park Vista
5. Crosswalk at Grant Teton and Redwood Trail
6. Bike Lanes on Park Vista and on Redwood Trail
7. Roads between Central and Dunn Brothers (N. Tarrant Pkwy.) needs to be widened.

COMMENTS FROM BREAKOUT TABLE #2 (STUDENTS)

PROBLEM AREAS

1. Park Vista/North Tarrant Pkwy
2. Lakewood Hill (by Academy Sports store)/North Tarrant Pkwy
3. Trace Ridge/North Tarrant Pkwy
4. Need traffic lights longer for crossing
5. Trees in median at crossing of North Tarrant Pkwy so as to buffer if you stop in the middle of North Tarrant Pkwy
6. Sidewalks on North Tarrant Pkwy
7. Finish Park Vista (known as Ray White) north of North Tarrant Pkwy past Central High School (which is at Herritage Trace Pkwy)
8. Park Vista/Ash River
9. Park Vista/Redwood Trail

SOLUTIONS

1. Trees in middle of Park Vista
2. Raised pavement on Park Vista
3. Bridge over Hwy. 377
4. Bridge over North Tarrant Pkwy

IDENTIFY WHAT YOU WOULD LIKE TO HAVE IN YOUR COMMUNITY TO MAKE IT EVEN MORE BICYCLE/WALKABLE FRIENDLY THAT WOULD ENCOURAGE YOU TO GET OUT AND WALK/BIKE

1. Fun places to go to
2. Interesting architecture/shopping area
3. Interesting scenery
4. Fun destinations
5. Places to bike to
6. More interesting places (i.e. Central Market, movies, bookstore, on this side of Hwy. 377)
7. Need sidewalks



QUESTIONS FOR BREAK-OUT TABLES (ADULTS)

1. Identify problem areas for walking/bicycling to and from school. Other concerns that you have about walking/bicycling to and from school.
2. Identify problem areas when walking/bicycling around and within the community (for example, on the trails in Arcadia Park, in the neighborhood, to commercial/other areas.
3. Identify what you would like to have in your community to make it even more bicycle/walkable friendly that would encourage you and your child to get out and walk/bike.
4. Solution ideas for problem areas.



COMMENTS FROM BREAKOUT TABLE #3 (ADULTS)

PROBLEM AREAS

1. Slow down Park Vista. Speed too high.
2. Add more notice of school zones from side streets entering onto Park Vista
3. Crossing guards need body armor for safety
4. Dogs along sidewalk behind fence trying to get out between houses from Broken Bow and school (Trail in Arcadia Park between back of houses)
5. Graffiti increase/vandalism increase
6. Sidewalks are uneven, cracked, broken
7. Lack of shade at Parks

SOLUTIONS

1. More Police Department enforcements in the area
2. Add more notice of school zones from side streets entering onto Park Vista
3. Bike trails (bike lanes) dedicated – put in a different color than black asphalt
4. Restaurants close by
5. Bathrooms at parks that flush
6. Lights for more security
7. Pedestrian Bridge over North Tarrant Pkwy (Bike/Handicap accessible) i.e. at Parkwood Hill Blvd.
8. Pedestrian Bridge over Hwy. 377 (Bike/Handicap accessible) to Target (perhaps around Target?)
9. Reduce Speed along Park Vista
10. Crosswalks with lights (like in Grapevine)
11. Additional signs or lights on Park Vista during school zone active times
12. Lights – Crosswalks for pedestrians along Park Vista or larger roads
13. Speed bumps – more
14. Off-road trails for bikes
15. Tarps or covered areas at Parks to provide shade
16. Charcoal grills at parks

COMMENTS FROM BREAKOUT TABLE #4 (ADULTS)

SOLUTIONS FOR PROBLEM AREAS

1. Raised crosswalks at Ash River, Redwood Trail, Glen Canyon, and Blue Water Lake on Park Vista
2. Raised crosswalks on Redwood Trail at Grant Teton and Ross Lake
3. All of Redwood Trail as school zone
4. Cross streets on Park Vista with flashing 20 mph light during school zone
5. Bike lanes on Park Vista, Redwood Trail, Ash River, Parkwood Hill Blvd.
6. Trees in median of Park Vista
7. Pedestrian Bridge over North Tarrant Pkwy at Park Vista Blvd.
8. Crossing guard at North Tarrant Pkwy/Parkwood Hill Blvd.
9. Sidewalk on North Tarrant Pkwy
10. More visible crosswalks or pedestrian bridge on North Tarrant Pkwy/Parkwood Hill Blvd.
11. Children educated to use crosswalks
12. Enforcement of tree trimming along sidewalks
13. Dog harassment along sidewalk from Park Glen Elementary to Arcadia Trail (on trail behind houses in Arcadia Park, between Broken Bow and Park Glen Elementary)
14. Temporary stop signs during crossing times on Park Vista

COMMENTS FROM BREAKOUT TABLE #5 (ADULTS)

PROBLEM AREAS AND CONCERNS

1. Redwood Trail where speed limit resumes (out of school zone), kids cannot walk or cross the streets safely
2. Crossing Guard is on Redwood Trail, and anything on Park Vista from Redwood Trail to North Tarrant Pkwy is a problem
3. Ray White and Central High School. At Central High School (3,000 students) crossing the street. At the high school there's a right turn only out of Central parking lot onto Ray White. Students have to go up to Kroger and Ray White to make U-turn. The Ray White at Central parking lot entrance should have more options: possible lights for left hand turns out of the Parking Lot onto Ray White, and a traffic light at the intersection of Ray White and Kroger
4. When you leave Park Glen Elementary and go to Rushmore: intersection of Rushmore and Glen Springs is dangerous. Kids are crossing diagonally across intersection
5. Park Vista Crossing Guards leave at 3:45 and it's still bad
6. Corner of Ash River and Park Vista. A lot of kids and people cross there and they don't respect the brick crosswalks. Nobody respects them. The crosswalks are not visible enough and there are no Crossing Guards
7. Crossing Guards sometimes direct traffic. They're trying to help but it's dangerous
8. Kids going to Central High School cannot cross the streets on North Tarrant Pkwy from Park Vista

SOLUTIONS

1. Trees in the medians
2. Raised intersections
3. Bicycle lanes in red color
4. Trees on sidewalks need to be cut on Glen Canyon (east and west sides of Park Vista)
5. Sidewalks need to be leveled on Glen Canyon (east and west side of Park Vista)
6. Sidewalks have to be leveled on Park Vista

7. Draining system has to be fixed on Park Vista
8. Overpasses (pedestrian bridges) or underpasses on North Tarrant Pkwy (at Park Vista and Parkwood Hill Blvd.)
9. Crossing guard at Milford and Parkwood Hill Blvd.
10. Need 2 crossing guards at Park Vista and Redwood Trail
11. 4-way stop at Rushmore and Glen Springs Trail
12. Sidewalks on North Tarrant Pkwy
13. Need a light pedestrians can push
14. Need crosswalk designated at Lakewood and North Tarrant Pkwy where there is now a traffic light.



QUESTIONS FOR BREAK-OUT TABLES (2nd GRADE & YOUNGER)

1. Draw a picture of what you like to do outside for fun and exercise. Include where you like or would like to walk and/or bike to in your neighborhood.
2. Draw a picture of how you get to and from school.
3. Draw a picture of how you would like to get to and from school.



BREAKOUT TABLE #6 (CHILDREN 2ND GRADE AND YOUNGER)

Children drew pictures to the questions that were posed to them.

BREAKOUT TABLE #7 (SOME 3RD GRADERS)

Children drew pictures to the questions that were posed to them.



FINAL TASK FOR ADULT GROUPS

Each adult group's final task was to write on posted notes at least three items that were of the most concern to them for their children to walk or bike to or from school (they could do as many posted notes as they liked, but were asked to do at least three). They were then asked to go around the table and have the first person spread their concerns across a large

piece of paper, and then have the next person follow. When there was an item of concern the same as a previous person, then they were to place the posted note below the same concern. They proceeded around the table until everyone had placed their posted notes on the large sheet of paper. This showed a gathering of consensus of what the main concerns were for the group. The following day, the Design Team then took the posted notes and sorted them for the whole group in order to gain a consensus for what the main concerns were for the whole group (see below).

THE TOP SIX (6) CONCERNS OF THE WHOLE GROUP WERE:

- 1) Speed of Traffic all along Park Vista Blvd. (between Basswood and North Tarrant Pkwy) needs to be lowered, it's too dangerous
- 2) Crossing Park Vista needs to be made safer for during and after school hours, it's too dangerous (crossings at Glen Canyon, Redwood Trail, and Ash River)
- 3) Speed of Traffic and crossing of Redwood Trail is too dangerous
- 4) Bike Lanes should be added to Park Vista, Redwood Trail, Parkwood Hill Blvd.
- 5) Crossing at Park Vista and Ash River needs to be improved, it's too dangerous
- 6) Improve traffic circulation getting to and from Central High School – Ray White & Kroger intersection needs improvement and alternatives for traffic circulation.

Each group then presented their ideas for solutions and their maps to the large group. The children presented their drawings on long paper and then posted them up on the entrance hallway for all to see the following morning and week.





The meeting was then concluded and reminded of the Meeting scheduled for Thursday, May 28th, when the Design Team would present possible proposals based upon Tuesday night's input and the Parent Surveys.

DESIGN TEAM

The Design Team met for the three days, Tuesday – Thursday (May 26-28). Their task was to put together proposals for improving walking and bicycling to the three schools based upon the Parent Surveys and the input from the Tuesday, May 26th Meeting. Their agenda for the three days and a listing of the design team is as follows:

Tuesday, May 26 – Thursday, May 28th
Safe Routes To School Charrette (Brainstorming Session)
Schedule for Design Team
Location: Park Glen Elementary, 5100 Glen Canyon Rd.

Tuesday, May 26th

Morning and Afternoon (9:00 am – 3:00 pm) (Science Lab at Park Glen Elementary)

Waling/Bicycling Audit of key problem areas

Working on details of information and design plans

Evening 6:30 – 8:30 pm (Cafeteria at Park Glen Elementary)

Power Pointe presentation to public

Break-out tables for public input

Individual tables present to Group

Wednesday, May 27th

Morning and Afternoon (9:00 am – 3:00 pm) (Science Lab at Park Glen Elementary)

Design Team works on details of Plan

Thursday, May 28th

Morning and Afternoon (9:00 am-3:00pm) (Science Lab at Park Glen Elementary)

Design Team works on finalizing details of Plan
And finalizes Power Pointe Presentation

Evening (6:30 – 8:30) (Gym at Park Glen Elementary)

Power Pointe presentation to public

Receive feedback from public

Design Team

Wilma Smith	City of F.W. T&PW	(817) 392-8785	Wilma.Smith@fortworthgov.org
Don Koski	City of F.W. T&PW	(817) 392-6592	Don.Koski@fortworthgov.org
Kellee Lee	Landscape Architect	(817) 656-4584	pnklee@sbglobal.net
Paul Padilla	Civil Engineer	(817) 232-2248	Paul.Padilla@wilsonco.com
Susan Kenney	City Planner	(817) 521-8892cell	SGKAssoc@aol.com

THURSDAY, MAY 28TH MEETING 6:30 -8:30 PM

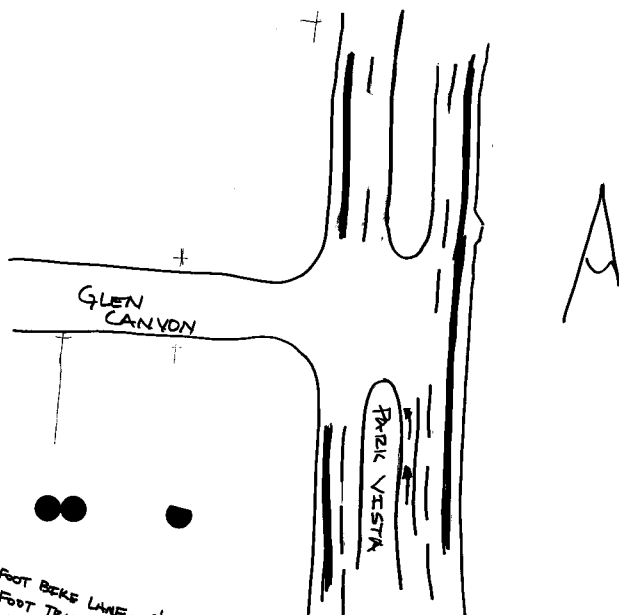
The Design Team presented their proposal ideas at the Thursday, May 28th Meeting. Ms. Kellee Lee gave a power point slide show presentation and explained proposals that were displayed on maps on the wall. There were a total of 32 participants at the meeting. There were a number of other events happening that same evening, i.e. the Talent Show at Parkwood Hill Intermediate School and an event at the High School. Some participants at the Tuesday meeting had stated because of these events, they would not be able to make it on Thursday.

The City Councilperson for the area of these schools, Mr. Danny Scarth, was also present at this meeting, and addressed the audience. Councilman Scarth was positive about what the schools and community were doing in order to make it safer for the children walking/bicycling to and from school and within the community. He also noted that some items could perhaps be done immediately, such as police enforcement, refreshing paint at crosswalks, and adding additional signage where needed.

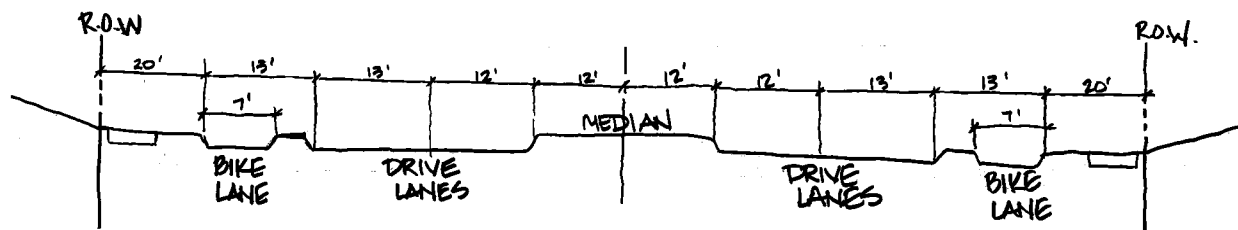
Those present supported the proposals put forth by the Design Team to slow down traffic on main roads such as Park Vista Blvd, Parkwood Hill Blvd, and Redwood Trail which included ideas of roundabouts, raised intersections, pedestrian refuge areas, bike lanes, and street trees. One concern was raised about the safety of having a bike lane between a car travel lane and on street parking, as proposed along Redwood Trail.



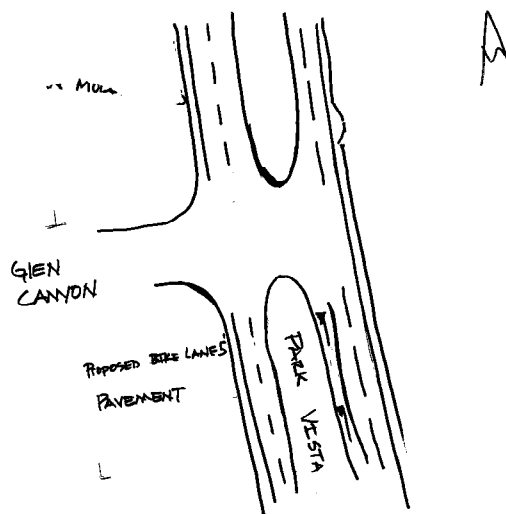
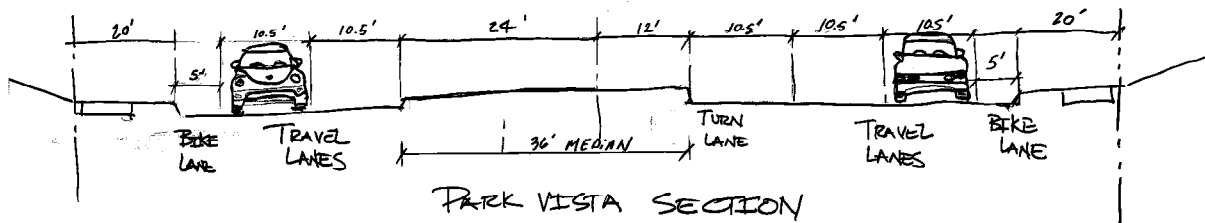
SEE DRAWINGS FROM DESIGN CHARRETTE (ATTACHED)



- 7' FOOT BIKE LANE - 2' SEPARATION
- 11' FOOT TRAVEL LANES
- MEDIAN MODIFICATIONS
- ADDITIONAL PAVEMENT

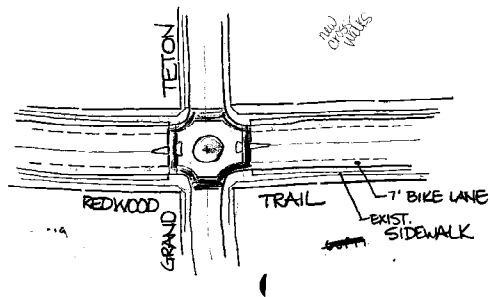
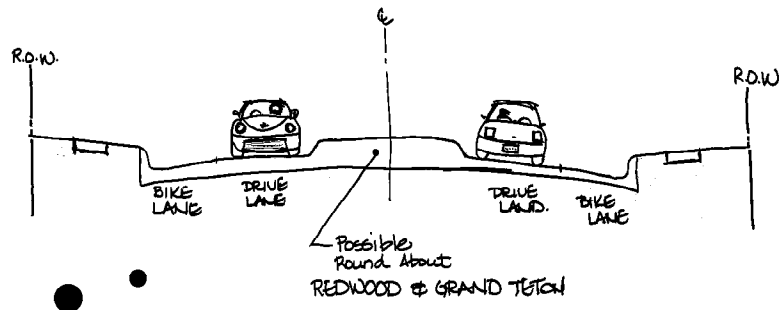


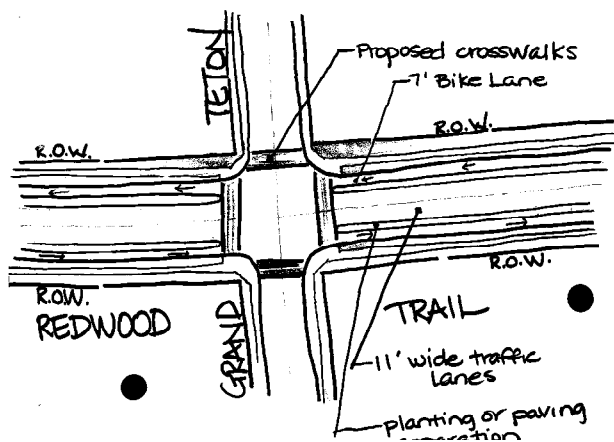
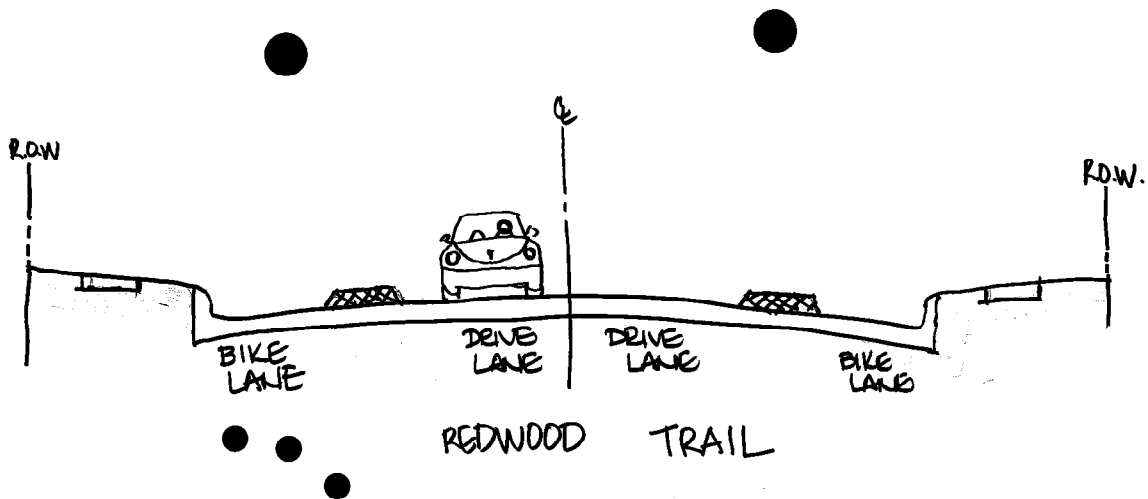
PARK VISTA SECTION



5 FOOT BIKE LANES
 10.5 FOOT TRAVEL LANES
 NO MEDIAN MODIFICATIONS
 RE-STRIPE PARK VISTA

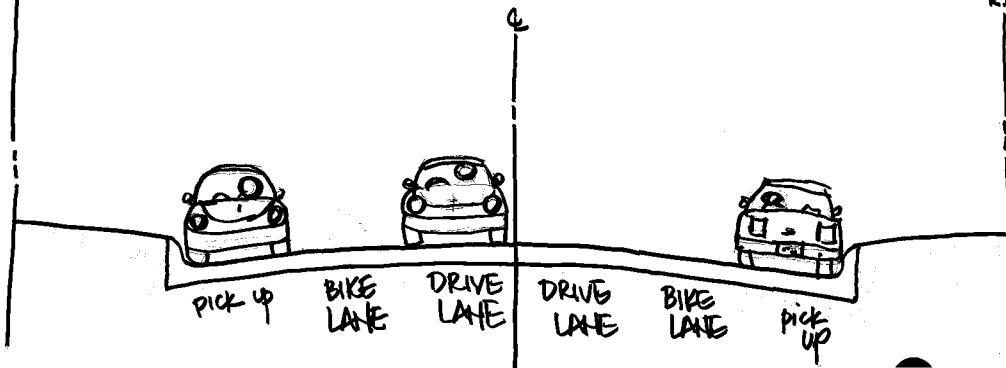
10.5 10.5 5
 11 11 7





R.O.W.

R.O.W.



PARKWOOD HIL
BLVD.

APPENDIX-D

24 Hour Speed
Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 PM	43	2	4	12	14	5	4	0	0	0	0	0	1	1
1:00 PM	32	2	8	9	7	6	0	0	0	0	0	0	0	0
2:00 PM	42	1	11	11	13	4	2	0	0	0	0	0	0	0
3:00 PM	71	1	10	31	18	9	2	0	0	0	0	0	0	0
4:00 PM	73	4	12	18	26	11	1	1	0	0	0	0	0	0
5:00 PM	75	4	4	23	28	13	3	0	0	0	0	0	0	0
6:00 PM	100	6	14	34	30	15	0	1	0	0	0	0	0	0
7:00 PM	56	1	7	19	20	7	2	0	0	0	0	0	0	0
8:00 PM	54	1	6	19	20	5	2	1	0	0	0	0	0	0
9:00 PM	32	0	1	13	10	5	2	1	0	0	0	0	0	0
10:00 PM	16	1	1	6	5	2	1	0	0	0	0	0	0	0
11:00 PM	6	0	0	3	1	2	0	0	0	0	0	0	0	0
4/16/2009														
12:00 AM	3	0	0	2	1	0	0	0	0	0	0	0	0	0
1:00 AM	6	0	0	1	5	0	0	0	0	0	0	0	0	0
2:00 AM	6	1	0	2	2	1	0	0	0	0	0	0	0	0
3:00 AM	2	0	0	0	0	1	1	0	0	0	0	0	0	0
4:00 AM	4	1	1	1	0	1	0	0	0	0	0	0	0	0
5:00 AM	10	1	1	2	4	2	0	0	0	0	0	0	0	0
6:00 AM	26	1	2	7	7	7	1	1	0	0	0	0	0	0
7:00 AM	64	2	8	21	16	13	3	0	1	0	0	0	0	0
8:00 AM	59	4	7	13	22	10	1	1	1	0	0	0	0	0
9:00 AM	27	3	4	4	8	6	2	0	0	0	0	0	0	0
10:00 AM	34	1	5	13	10	3	2	0	0	0	0	0	0	0
11:00 AM	31	2	4	6	14	3	1	1	0	0	0	0	0	0
Total	872	39	110	270	281	131	30	7	2	0	0	0	1	1
%		4.5	12.6	31.0	32.2	15.0	3.4	0.8	0.2	0.0	0.0	0.0	0.1	0.1

Percentile Speeds
(mph)

<u>10 %</u>	<u>15 %</u>	<u>50 %</u>	<u>85 %</u>	<u>90 %</u>
18.1	19.4	25.3	31.4	32.7

10 mph Pace Speed
Number in Pace

19.7 - 29.7	Average	25.4 mph
556 (63.8 %)	Minimum	7.9 mph
	Maximum	71.0 mph

Speeds Exceeded

<u>45 mph</u>	<u>55 mph</u>	<u>65 mph</u>
0.5 %	0.2 %	0.2 %
Count	4	2

Island Park from Greylock to Trace Ridge

Date:

4/16/2009
Thursday24 Hour Speed
Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 PM	39	0	7	10	11	8	3	0	0	0	0	0	0	0
1:00 PM	38	3	4	12	12	7	0	0	0	0	0	0	0	0
2:00 PM	45	2	8	16	11	7	1	0	0	0	0	0	0	0
3:00 PM	78	2	9	17	36	10	4	0	0	0	0	0	0	0
4:00 PM	76	3	6	26	20	15	6	0	0	0	0	0	0	0
5:00 PM	72	1	14	16	24	13	2	2	0	0	0	0	0	0
6:00 PM	83	2	14	25	29	12	1	0	0	0	0	0	0	0
7:00 PM	71	1	6	23	27	9	5	0	0	0	0	0	0	0
8:00 PM	56	0	4	22	18	11	0	0	0	0	0	1	0	0
9:00 PM	34	1	3	10	9	9	1	1	0	0	0	0	0	0
10:00 PM	11	0	1	0	5	4	1	0	0	0	0	0	0	0
11:00 PM	8	0	0	1	3	3	0	0	1	0	0	0	0	0
4/17/2009														
12:00 AM	4	0	0	0	1	2	1	0	0	0	0	0	0	0
1:00 AM	3	0	0	0	2	0	1	0	0	0	0	0	0	0
2:00 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	4	1	1	0	1	0	1	0	0	0	0	0	0	0
5:00 AM	4	0	1	2	1	0	0	0	0	0	0	0	0	0
6:00 AM	18	0	2	3	6	7	0	0	0	0	0	0	0	0
7:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	645	16	80	183	217	117	27	3	1	0	0	1	0	0
%		2.5	12.4	28.4	33.6	18.1	4.2	0.5	0.2	0.0	0.0	0.2	0.0	0.0

Percentile Speeds
(mph)

10 %	15 %	50 %	85 %	90 %
18.4	20.0	25.8	31.7	32.6

10 mph Pace Speed
Number in Pace

21.3 - 31.3
418 (64.8 %)

Average
Minimum
Maximum

25.9 mph
1.9 mph
61.2 mph

Speeds Exceeded

45 mph
0.3 %

55 mph
0.2 %

65 mph
0.0 %

Count

2

1

0

24 Hour Volume, per Channel

Interval Begin	NWSE
12:00 PM	55
1:00 PM	44
2:00 PM	53
3:00 PM	103
4:00 PM	112
5:00 PM	112
6:00 PM	118
7:00 PM	68
8:00 PM	65
9:00 PM	45
10:00 PM	16
11:00 PM	10
4/16/2009	
12:00 AM	3
1:00 AM	10
2:00 AM	6
3:00 AM	2
4:00 AM	4
5:00 AM	16
6:00 AM	36
7:00 AM	101
8:00 AM	99
9:00 AM	43
10:00 AM	47
11:00 AM	49
Totals	1217

Peak Hours

12:00 AM -
 12:00 PM 7:30 AM
 Volume 164
 Factor 0.66

12:00 PM -
 12:00 AM 5:30 PM
 Volume 131
 Factor 0.86

24 Hour Volume, per Channel

Interval Begin	NWSE
-------------------	------

12:00 PM	44
1:00 PM	54
2:00 PM	60
3:00 PM	115
4:00 PM	109
5:00 PM	129
6:00 PM	129
7:00 PM	107
8:00 PM	72
9:00 PM	42
10:00 PM	15
11:00 PM	8

4/17/2009

12:00 AM	6
1:00 AM	5
2:00 AM	3
3:00 AM	0
4:00 AM	4
5:00 AM	8
6:00 AM	24

Totals	934
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Peak Hours

12:00 AM -	
12:00 PM	5:45 AM
Volume	27
Factor	0.61

12:00 PM -	
12:00 AM	4:45 PM
Volume	129
Factor	0.87

Location: Los Padres (Catlow to San Isbell)
 Note2:
 Note3:

Site: 5708
 Date: 5/5/2009
 Tuesday

24 Hour Speed
 Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
2:00 PM	32	0	5	12	11	3	0	0	0	1	0	0	0	0
3:00 PM	46	3	7	20	12	3	1	0	0	0	0	0	0	0
4:00 PM	29	0	6	10	7	6	0	0	0	0	0	0	0	0
5:00 PM	48	2	7	10	18	9	0	1	0	0	1	0	0	0
6:00 PM	55	0	10	20	17	8	0	0	0	0	0	0	0	0
7:00 PM	32	1	2	9	11	7	2	0	0	0	0	0	0	0
8:00 PM	26	1	4	6	12	2	1	0	0	0	0	0	0	0
9:00 PM	29	1	1	10	11	6	0	0	0	0	0	0	0	0
10:00 PM	16	1	3	4	4	3	1	0	0	0	0	0	0	0
11:00 PM	8	0	0	6	1	1	0	0	0	0	0	0	0	0
5/6/2009														
12:00 AM	3	0	1	1	0	1	0	0	0	0	0	0	0	0
1:00 AM	2	0	0	2	0	0	0	0	0	0	0	0	0	0
2:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0
3:00 AM	2	0	0	1	0	0	1	0	0	0	0	0	0	0
4:00 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0
5:00 AM	6	0	0	1	4	1	0	0	0	0	0	0	0	0
6:00 AM	23	0	1	6	12	3	0	0	0	1	0	0	0	0
7:00 AM	58	3	6	17	19	10	3	0	0	0	0	0	0	0
8:00 AM	36	3	5	15	11	2	0	0	0	0	0	0	0	0
9:00 AM	29	0	3	8	13	3	2	0	0	0	0	0	0	0
10:00 AM	17	2	2	5	7	1	0	0	0	0	0	0	0	0
11:00 AM	26	3	6	4	9	4	0	0	0	0	0	0	0	0
12:00 PM	23	1	2	5	12	3	0	0	0	0	0	0	0	0
1:00 PM	22	0	8	8	6	0	0	0	0	0	0	0	0	0
Total	570	21	79	181	198	76	11	1	0	2	1	0	0	0
%		3.7	13.9	31.8	34.7	13.3	1.9	0.2	0.0	0.4	0.2	0.0	0.0	0.0

Percentile Speeds
 (mph)

10 %	15 %	50 %	85 %	90 %
17.9	19.2	25.1	30.4	31.5

10 mph Pace Speed
 Number in Pace

19.9 - 29.9	Average	24.9 mph
384 (67.4 %)	Minimum	10.4 mph
	Maximum	57.7 mph

Speeds Exceeded

45 mph	55 mph	65 mph
0.5 %	0.2 %	0.0 %
Count	3	1
		0

Location: Los Padres (Catlow to San Isbell)
 Note2:
 Note3:

Site: 5708
 Date: 5/6/2009
 Wednesday

24 Hour Speed
 Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
2:00 PM	35	0	1	10	13	10	0	0	0	0	1	0	0	0
3:00 PM	47	1	5	20	15	6	0	0	0	0	0	0	0	0
4:00 PM	47	1	5	15	16	8	1	0	1	0	0	0	0	0
5:00 PM	53	4	7	19	13	7	1	1	0	1	0	0	0	0
6:00 PM	75	2	18	19	20	13	1	1	0	1	0	0	0	0
7:00 PM	49	2	11	14	14	5	2	1	0	0	0	0	0	0
8:00 PM	27	0	3	11	9	3	1	0	0	0	0	0	0	0
9:00 PM	21	1	2	5	9	2	2	0	0	0	0	0	0	0
10:00 PM	11	0	0	4	5	2	0	0	0	0	0	0	0	0
11:00 PM	8	0	0	2	4	2	0	0	0	0	0	0	0	0
5/7/2009														
12:00 AM	4	0	0	1	2	1	0	0	0	0	0	0	0	0
1:00 AM	1	0	0	0	0	1	0	0	0	0	0	0	0	0
2:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0
3:00 AM	4	0	0	1	3	0	0	0	0	0	0	0	0	0
4:00 AM	3	1	1	0	1	0	0	0	0	0	0	0	0	0
5:00 AM	11	0	1	1	7	2	0	0	0	0	0	0	0	0
6:00 AM	18	0	2	5	9	1	1	0	0	0	0	0	0	0
7:00 AM	58	1	2	13	24	15	3	0	0	0	0	0	0	0
8:00 AM	32	1	0	15	11	2	3	0	0	0	0	0	0	0
9:00 AM	24	2	3	7	7	5	0	0	0	0	0	0	0	0
10:00 AM	20	2	4	5	6	3	0	0	0	0	0	0	0	0
11:00 AM	30	0	3	10	12	3	2	0	0	0	0	0	0	0
12:00 PM	22	1	1	8	9	2	1	0	0	0	0	0	0	0
1:00 PM	27	0	4	9	6	4	3	0	0	0	1	0	0	0
Total	628	19	73	195	215	97	21	3	1	2	2	0	0	0
%		3.0	11.6	31.1	34.2	15.4	3.3	0.5	0.2	0.3	0.3	0.0	0.0	0.0

Percentile Speeds
 (mph)

10 %	15 %	50 %	85 %	90 %
18.8	20.1	25.5	30.9	32.7

10 mph Pace Speed
 Number in Pace

19.9 - 29.9	Average	25.6 mph
418 (66.6 %)	Minimum	8.2 mph
	Maximum	55.9 mph

Speeds Exceeded

45 mph	55 mph	65 mph
0.8 %	0.3 %	0.0 %
Count	5	2
		0

Location: Los Padres (Catlow to San Isbell)
 Note2:
 Note3:

Site: 5708
 Date: 5/7/2009
 Thursday

24 Hour Speed
 Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
2:00 PM	28	2	4	6	10	3	2	0	0	0	1	0	0	0
3:00 PM	53	2	7	22	13	7	2	0	0	0	0	0	0	0
4:00 PM	50	3	15	14	13	4	1	0	0	0	0	0	0	0
5:00 PM	55	7	8	15	17	8	0	0	0	0	0	0	0	0
6:00 PM	76	2	12	30	21	10	0	0	0	1	0	0	0	0
7:00 PM	42	0	6	11	12	12	1	0	0	0	0	0	0	0
8:00 PM	32	1	4	9	10	7	1	0	0	0	0	0	0	0
9:00 PM	17	0	2	4	7	1	3	0	0	0	0	0	0	0
10:00 PM	13	0	1	3	4	4	1	0	0	0	0	0	0	0
11:00 PM	5	0	0	1	1	2	0	1	0	0	0	0	0	0
5/8/2009														
12:00 AM	4	0	0	1	0	2	1	0	0	0	0	0	0	0
1:00 AM	4	0	0	0	2	2	0	0	0	0	0	0	0	0
2:00 AM	2	0	1	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	3	0	0	1	0	0	1	0	0	1	0	0	0	0
4:00 AM	3	0	2	0	1	0	0	0	0	0	0	0	0	0
5:00 AM	6	0	0	1	5	0	0	0	0	0	0	0	0	0
6:00 AM	28	0	3	4	7	12	1	0	0	1	0	0	0	0
7:00 AM	55	6	8	14	18	7	2	0	0	0	0	0	0	0
8:00 AM	37	1	10	13	10	1	2	0	0	0	0	0	0	0
9:00 AM	25	1	3	7	13	1	0	0	0	0	0	0	0	0
10:00 AM	30	0	4	11	8	4	3	0	0	0	0	0	0	0
11:00 AM	19	2	4	10	2	1	0	0	0	0	0	0	0	0
12:00 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	587	27	94	177	174	89	21	1	0	3	1	0	0	0
%		4.6	16.0	30.2	29.6	15.2	3.6	0.2	0.0	0.5	0.2	0.0	0.0	0.0

Percentile Speeds
 (mph)

10 %	15 %	50 %	85 %	90 %
17.1	19.0	24.7	30.9	32.7

10 mph Pace Speed
 Number in Pace

19.0 - 29.0	Average	24.9 mph
363 (61.8 %)	Minimum	2.5 mph
	Maximum	55.9 mph

Speeds Exceeded

45 mph	55 mph	65 mph
0.7 %	0.2 %	0.0 %
Count	4	1
		0

Location: Los Padres (Catlow to San Isbell)
Note2:
Note3:

Site: 5708
Date: 5/5/2009
Tuesday

24 Hour Volume, per Channel

Interval Begin	Channel 1
2:00 PM	37
3:00 PM	55
4:00 PM	36
5:00 PM	56
6:00 PM	76
7:00 PM	40
8:00 PM	32
9:00 PM	31
10:00 PM	19
11:00 PM	8
5/6/2009	
12:00 AM	3
1:00 AM	2
2:00 AM	1
3:00 AM	2
4:00 AM	3
5:00 AM	8
6:00 AM	25
7:00 AM	66
8:00 AM	49
9:00 AM	31
10:00 AM	22
11:00 AM	28
12:00 PM	23
1:00 PM	29
Totals	682

Peak Hours

12:00 AM -
12:00 PM 7:30 AM
Volume 81
Factor 0.78

12:00 PM -
12:00 AM 5:45 PM
Volume 82
Factor 0.79

Location: Los Padres (Catlow to San Isbell)
Note2:
Note3:

Site: 5708
Date: 5/6/2009
Wednesday

24 Hour Volume, per Channel

Interval Begin	Channel 1
2:00 PM	39
3:00 PM	55
4:00 PM	53
5:00 PM	80
6:00 PM	89
7:00 PM	59
8:00 PM	38
9:00 PM	21
10:00 PM	11
11:00 PM	8
5/7/2009	
12:00 AM	8
1:00 AM	1
2:00 AM	1
3:00 AM	4
4:00 AM	3
5:00 AM	13
6:00 AM	20
7:00 AM	70
8:00 AM	42
9:00 AM	30
10:00 AM	26
11:00 AM	34
12:00 PM	30
1:00 PM	31
Totals	766

Peak Hours

12:00 AM -
12:00 PM 7:15 AM
Volume 72
Factor 0.60

12:00 PM -
12:00 AM 6:00 PM
Volume 89
Factor 0.89

Location: Los Padres (Catlow to San Isbell)
Note2:
Note3:

Site: 5708
Date: 5/7/2009
Thursday

24 Hour Volume, per Channel

Interval Begin	Channel 1
2:00 PM	34
3:00 PM	55
4:00 PM	64
5:00 PM	78
6:00 PM	101
7:00 PM	52
8:00 PM	34
9:00 PM	19
10:00 PM	13
11:00 PM	5
5/8/2009	
12:00 AM	4
1:00 AM	4
2:00 AM	2
3:00 AM	3
4:00 AM	5
5:00 AM	8
6:00 AM	28
7:00 AM	61
8:00 AM	41
9:00 AM	29
10:00 AM	30
11:00 AM	19
Totals	689

Peak Hours

12:00 AM -
12:00 PM 7:30 AM
Volume 74
Factor 0.56

12:00 PM -
12:00 AM 5:45 PM
Volume 101
Factor 0.84

Location: Muirwood south of Champlain
 Note2:
 Note3:

Site: 5709
 Date: 4/21/2009
 Tuesday

24 Hour Speed
 Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
1:00 PM	12	2	7	2	1	0	0	0	0	0	0	0	0	0
2:00 PM	16	5	8	3	0	0	0	0	0	0	0	0	0	0
3:00 PM	22	2	11	8	1	0	0	0	0	0	0	0	0	0
4:00 PM	23	3	9	8	3	0	0	0	0	0	0	0	0	0
5:00 PM	35	9	20	5	1	0	0	0	0	0	0	0	0	0
6:00 PM	26	9	13	4	0	0	0	0	0	0	0	0	0	0
7:00 PM	20	11	7	2	0	0	0	0	0	0	0	0	0	0
8:00 PM	6	1	5	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	11	6	4	0	1	0	0	0	0	0	0	0	0	0
10:00 PM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/22/2009														
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	2	1	1	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	4	1	3	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	8	4	3	1	0	0	0	0	0	0	0	0	0	0
7:00 AM	33	8	19	5	1	0	0	0	0	0	0	0	0	0
8:00 AM	21	3	15	2	1	0	0	0	0	0	0	0	0	0
9:00 AM	8	0	4	4	0	0	0	0	0	0	0	0	0	0
10:00 AM	13	7	3	3	0	0	0	0	0	0	0	0	0	0
11:00 AM	6	1	3	2	0	0	0	0	0	0	0	0	0	0
12:00 PM	16	3	8	4	1	0	0	0	0	0	0	0	0	0
Total	288	76	149	53	10	0	0	0	0	0	0	0	0	0
%		26.4	51.7	18.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Percentile Speeds
 (mph)

10 %	15 %	50 %	85 %	90 %
12.0	13.3	17.3	21.1	21.9

10 mph Pace Speed
 Number in Pace

11.5 - 21.5	Average	17.3 mph
239 (83.0 %)	Minimum	3.9 mph
	Maximum	29.9 mph

Speeds Exceeded

45 mph	55 mph	65 mph
0.0 %	0.0 %	0.0 %
0	0	0

Count

Location: Muirwood south of Champlain
 Note2:
 Note3:

Site: 5709
 Date: 4/22/2009
 Wednesday

24 Hour Speed
 Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
1:00 PM	17	4	12	1	0	0	0	0	0	0	0	0	0	0
2:00 PM	15	4	8	2	1	0	0	0	0	0	0	0	0	0
3:00 PM	31	6	12	12	0	1	0	0	0	0	0	0	0	0
4:00 PM	27	13	12	2	0	0	0	0	0	0	0	0	0	0
5:00 PM	20	5	14	1	0	0	0	0	0	0	0	0	0	0
6:00 PM	33	10	16	4	2	1	0	0	0	0	0	0	0	0
7:00 PM	12	7	4	1	0	0	0	0	0	0	0	0	0	0
8:00 PM	13	5	8	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	11	3	4	4	0	0	0	0	0	0	0	0	0	0
10:00 PM	4	2	1	0	1	0	0	0	0	0	0	0	0	0
11:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0
4/23/2009														
12:00 AM	2	1	1	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	3	1	2	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
6:00 AM	8	2	5	1	0	0	0	0	0	0	0	0	0	0
7:00 AM	6	0	1	5	0	0	0	0	0	0	0	0	0	0
8:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	209	64	103	36	4	2	0	0	0	0	0	0	0	0
%		30.6	49.3	17.2	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Percentile Speeds
 (mph)

10 %	15 %	50 %	85 %	90 %
11.5	12.3	16.8	20.9	21.6

10 mph Pace Speed
 Number in Pace

11.4 - 21.4	Average	16.9 mph
167 (79.9 %)	Minimum	5.0 mph
	Maximum	32.7 mph

Speeds Exceeded

45 mph	55 mph	65 mph
0.0 %	0.0 %	0.0 %
Count	0	0

Location: Muirwood south of Champlain
Note2:
Note3:

Site: 5709
Date: 4/21/2009
Tuesday

24 Hour Volume, per Channel

Interval Begin	NBSB
1:00 PM	14
2:00 PM	16
3:00 PM	26
4:00 PM	27
5:00 PM	37
6:00 PM	28
7:00 PM	20
8:00 PM	8
9:00 PM	11
10:00 PM	5
11:00 PM	0
4/22/2009	
12:00 AM	0
1:00 AM	1
2:00 AM	1
3:00 AM	1
4:00 AM	2
5:00 AM	4
6:00 AM	8
7:00 AM	33
8:00 AM	25
9:00 AM	8
10:00 AM	13
11:00 AM	6
12:00 PM	16
Totals	310

Peak Hours

12:00 AM -
12:00 PM 7:30 AM
Volume 37
Factor 0.71

12:00 PM -
12:00 AM 5:15 PM
Volume 38
Factor 0.86

Location: Muirwood south of Champlain
Note2:
Note3:

Site: 5709
Date: 4/22/2009
Wednesday

24 Hour Volume, per Channel

Interval Begin	NBSB
1:00 PM	17
2:00 PM	19
3:00 PM	31
4:00 PM	32
5:00 PM	25
6:00 PM	37
7:00 PM	12
8:00 PM	13
9:00 PM	15
10:00 PM	4
11:00 PM	1
4/23/2009	
12:00 AM	2
1:00 AM	1
2:00 AM	0
3:00 AM	1
4:00 AM	3
5:00 AM	4
6:00 AM	8
7:00 AM	9

Totals	234
--------	-----

Peak Hours

12:00 AM -
12:00 PM 6:30 AM
Volume 12
Factor 0.50

12:00 PM -
12:00 AM 6:00 PM
Volume 37
Factor 0.84

Location:
Note2:
Note3:

Park Vista from Redwood Trail to Glenwood Canyon

Site:
Date:

4511
4/6/2009
Monday

24 Hour Volume

Interval Begin	NB	SB	Combined
2:00 PM	267	324	591
3:00 PM	458	406	864
4:00 PM	533	485	1018
5:00 PM	680	533	1213
6:00 PM	592	440	1032
7:00 PM	363	306	669
8:00 PM	323	268	591
9:00 PM	221	152	373
10:00 PM	118	97	215
11:00 PM	69	50	119
4/7/2009			
12:00 AM	46	19	65
1:00 AM	18	4	22
2:00 AM	23	16	39
3:00 AM	8	10	18
4:00 AM	19	19	38
5:00 AM	53	83	136
6:00 AM	188	255	443
7:00 AM	712	557	1269
8:00 AM	362	362	724
9:00 AM	226	236	462
10:00 AM	208	224	432
11:00 AM	274	220	494
12:00 PM	287	253	540
1:00 PM	128	121	249
Totals	6176 53.2 %	5440 46.8 %	11616

Peak Hours

12:00 AM -

12:00 PM	7:15 AM	7:00 AM	7:15 AM
Volume	798	557	1347
Factor	0.83	0.84	0.86

12:00 PM -

12:00 AM	5:15 PM	5:15 PM	5:15 PM
Volume	684	542	1226
Factor	0.81	0.92	0.87

Location: Park Vista from Redwood Trail to Glenwood Canyon
 Note2:
 Note3:

Site: 4511
 Date: 4/6/2009
 Monday

24 Hour Speed
 Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
2:00 PM	110	2	20	20	11	23	20	8	5	0	1	0	0	0
3:00 PM	141	9	49	65	11	3	4	0	0	0	0	0	0	0
4:00 PM	138	1	4	8	16	39	26	30	10	4	0	0	0	0
5:00 PM	124	0	0	1	8	23	41	29	20	2	0	0	0	0
6:00 PM	123	0	0	1	14	22	36	36	10	4	0	0	0	0
7:00 PM	138	0	0	4	7	45	36	30	13	1	2	0	0	0
8:00 PM	111	0	0	3	14	33	29	24	7	1	0	0	0	0
9:00 PM	102	0	1	2	12	20	27	27	11	2	0	0	0	0
10:00 PM	55	0	0	1	2	10	16	15	7	1	2	1	0	0
11:00 PM	24	0	0	1	3	6	5	6	1	1	1	0	0	0
4/7/2009														
12:00 AM	20	0	0	0	1	3	4	8	3	0	1	0	0	0
1:00 AM	8	0	0	0	2	2	3	1	0	0	0	0	0	0
2:00 AM	7	0	0	0	0	3	1	2	1	0	0	0	0	0
3:00 AM	3	0	0	0	0	0	1	1	1	0	0	0	0	0
4:00 AM	9	0	0	0	0	1	2	4	2	0	0	0	0	0
5:00 AM	19	0	0	0	4	4	8	2	0	1	0	0	0	0
6:00 AM	67	1	0	0	2	18	24	13	6	2	1	0	0	0
7:00 AM	102	4	36	40	13	5	1	1	1	0	1	0	0	0
8:00 AM	89	5	25	40	11	6	2	0	0	0	0	0	0	0
9:00 AM	84	0	1	4	7	23	19	19	6	5	0	0	0	0
10:00 AM	98	0	3	1	12	19	28	23	10	2	0	0	0	0
11:00 AM	84	0	2	3	7	23	27	14	7	1	0	0	0	0
12:00 PM	91	0	2	4	6	26	25	23	3	2	0	0	0	0
1:00 PM	55	0	1	0	8	8	16	13	8	0	0	0	0	1
Total	1802	22	144	198	171	365	401	329	132	29	9	1	0	1
%		1.2	8.0	11.0	9.5	20.3	22.3	18.3	7.3	1.6	0.5	0.1	0.0	0.1

Percentile Speeds
 (mph)

10 %	15 %	50 %	85 %	90 %
20.4	22.2	35.3	43.3	44.4

10 mph Pace Speed
 Number in Pace

31.5 - 41.5	Average	34.0 mph
861 (47.8 %)	Minimum	4.9 mph
	Maximum	78.7 mph

Speeds Exceeded

45 mph	55 mph	65 mph
9.5 %	0.6 %	0.1 %
172	11	1

Count

Location: Parkwood Hills Blvd from Redwood Trail to Lawnsbury
 Note2:
 Note3:

Site: 4511
 Date: 4/7/2009
 Tuesday

24 Hour Speed
 Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
2:00 PM	130	1	3	6	10	31	42	27	8	1	1	0	0	0
3:00 PM	125	3	6	4	18	24	35	25	8	2	0	0	0	0
4:00 PM	148	0	2	4	13	29	42	44	11	1	1	0	1	0
5:00 PM	141	0	0	4	12	30	43	33	16	3	0	0	0	0
6:00 PM	131	0	0	1	18	24	39	37	10	1	0	1	0	0
7:00 PM	125	0	0	6	15	26	33	35	7	2	0	0	0	1
8:00 PM	116	1	2	5	21	31	29	21	6	0	0	0	0	0
9:00 PM	75	1	2	2	8	14	29	15	3	1	0	0	0	0
10:00 PM	53	0	1	1	8	7	16	16	3	1	0	0	0	0
11:00 PM	21	0	0	0	2	5	6	5	1	1	1	0	0	0
4/8/2009														
12:00 AM	12	0	0	0	1	1	2	5	1	1	1	0	0	0
1:00 AM	8	0	1	0	0	0	2	5	0	0	0	0	0	0
2:00 AM	5	0	0	1	0	2	1	0	0	1	0	0	0	0
3:00 AM	4	0	0	0	0	1	0	0	2	1	0	0	0	0
4:00 AM	17	1	0	0	2	8	2	3	1	0	0	0	0	0
5:00 AM	37	0	0	0	5	7	9	9	6	1	0	0	0	0
6:00 AM	105	0	2	5	12	22	26	28	5	2	2	0	0	1
7:00 AM	141	2	1	4	18	36	44	28	5	2	0	0	0	1
8:00 AM	148	1	1	8	14	25	37	38	20	3	1	0	0	0
9:00 AM	81	0	2	0	7	21	20	18	7	4	1	0	1	0
10:00 AM	72	0	1	2	16	13	13	9	7	10	1	0	0	0
11:00 AM	85	0	5	3	8	17	32	13	5	1	1	0	0	0
12:00 PM	85	0	2	1	6	23	22	18	7	4	1	0	1	0
1:00 PM	95	1	0	1	9	22	28	25	8	1	0	0	0	0
Total	1960	11	31	58	223	419	552	457	147	44	11	1	3	3
%		0.6	1.6	3.0	11.4	21.4	28.2	23.3	7.5	2.2	0.6	0.1	0.2	0.2

Percentile Speeds
 (mph)

10 %	15 %	50 %	85 %	90 %
27.9	29.3	36.8	43.3	45.6

10 mph Pace Speed
 Number in Pace

33.3 - 43.3	Average	36.8 mph
1141 (58.2 %)	Minimum	10.6 mph
	Maximum	115.4 mph

Speeds Exceeded

45 mph	55 mph	65 mph
10.7 %	0.9 %	0.3 %
Count	209	18
		6

Location: Parkwood Hills Blvd from Redwood Trail to Lawnsbury
 Note2:
 Note3:

Site: 4511
 Date: 4/8/2009
 Wednesday

24 Hour Speed
 Channel: A Tube

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
2:00 PM	120	0	1	4	17	30	40	17	8	3	0	0	0	0
3:00 PM	144	4	2	3	13	34	38	35	10	4	0	1	0	0
4:00 PM	125	1	2	4	16	22	36	36	6	2	0	0	0	0
5:00 PM	139	0	1	4	12	31	34	42	10	4	0	0	0	1
6:00 PM	135	0	1	4	14	35	40	33	7	1	0	0	0	0
7:00 PM	123	0	0	3	17	23	37	31	9	3	0	0	0	0
8:00 PM	113	0	0	2	16	35	31	20	6	2	0	0	1	0
9:00 PM	80	0	1	4	14	13	30	13	3	2	0	0	0	0
10:00 PM	55	1	0	3	5	12	9	20	5	0	0	0	0	0
11:00 PM	26	0	0	0	2	1	10	8	4	1	0	0	0	0
4/9/2009														
12:00 AM	26	0	1	0	1	4	9	7	4	0	0	0	0	0
1:00 AM	11	0	1	0	0	2	2	4	1	1	0	0	0	0
2:00 AM	10	1	0	1	2	0	2	2	1	0	1	0	0	0
3:00 AM	10	1	0	0	2	0	4	2	1	0	0	0	0	0
4:00 AM	12	0	0	0	2	6	0	2	2	0	0	0	0	0
5:00 AM	35	0	0	1	4	1	10	13	5	1	0	0	0	0
6:00 AM	97	0	1	2	11	26	27	23	5	1	0	0	0	1
7:00 AM	150	0	3	6	17	36	49	31	8	0	0	0	0	0
8:00 AM	144	0	1	3	29	41	38	27	5	0	0	0	0	0
9:00 AM	16	1	0	0	2	2	6	5	0	0	0	0	0	0
10:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1571	9	15	44	196	354	452	371	100	25	1	1	1	2
%		0.6	1.0	2.8	12.5	22.5	28.8	23.6	6.4	1.6	0.1	0.1	0.1	0.1

Percentile Speeds
 (mph)

10 %	15 %	50 %	85 %	90 %
28.4	29.9	36.8	43.3	44.4

10 mph Pace Speed
 Number in Pace

33.3 - 43.3	Average	36.6 mph
939 (59.8 %)	Minimum	7.4 mph
	Maximum	91.1 mph

Speeds Exceeded

45 mph	55 mph	65 mph
8.3 %	0.3 %	0.2 %
Count	130	5
		3

Location: Parkwood Hills Blvd from Redwood Trail to Lawnsbury
Note2:
Note3:

Site: 4511
Date: 4/7/2009
Tuesday

24 Hour Volume, per Channel

Interval Begin	NBSB
2:00 PM	254
3:00 PM	326
4:00 PM	323
5:00 PM	370
6:00 PM	323
7:00 PM	225
8:00 PM	192
9:00 PM	132
10:00 PM	65
11:00 PM	23
4/8/2009	
12:00 AM	18
1:00 AM	8
2:00 AM	5
3:00 AM	4
4:00 AM	19
5:00 AM	45
6:00 AM	172
7:00 AM	562
8:00 AM	388
9:00 AM	144
10:00 AM	127
11:00 AM	131
12:00 PM	144
1:00 PM	139
Totals	4139

Peak Hours

12:00 AM -
12:00 PM 7:15 AM
Volume 598
Factor 0.79

12:00 PM -
12:00 AM 5:15 PM
Volume 379
Factor 0.79

Location: Parkwood Hills Blvd from Redwood Trail to Lawnsbury
Note2:
Note3:

Site: 4511
Date: 4/8/2009
Wednesday

24 Hour Volume, per Channel

Interval Begin	NBSB
2:00 PM	264
3:00 PM	318
4:00 PM	333
5:00 PM	347
6:00 PM	286
7:00 PM	229
8:00 PM	177
9:00 PM	101
10:00 PM	71
11:00 PM	28
4/9/2009	
12:00 AM	30
1:00 AM	13
2:00 AM	10
3:00 AM	10
4:00 AM	12
5:00 AM	41
6:00 AM	164
7:00 AM	579
8:00 AM	342
9:00 AM	23

Totals	3378
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Peak Hours

12:00 AM -	
12:00 PM	7:15 AM
Volume	628
Factor	0.71

12:00 PM -	
12:00 AM	3:30 PM
Volume	398
Factor	0.90

APPENDIX-E



July 28, 2009

Ms. Carol Campa
Texas Dept. of Transportation
Safe Routes to School Program
125 E. 11th St.
Austin, TX 78701

Re: Safe Routes to School Plan – Letter of support

Dear Ms. Campa:

On behalf of the City Council and citizens of Fort Worth, this letter is in support of Texas Department of Transportation's approval of the Safe Routes to School (SRTS) Plans for Park Glen Elementary, Parkwood Hill Intermediate, and Hillwood Middle Schools. These schools are located in the City of Fort Worth and the Keller Independent School District.

A collaboration of efforts from city staff, police officers, and partners with the school district personnel have worked cooperatively together with the neighborhoods surrounding the schools to develop strategies to improve the safety and convenience of walking and bicycling to school. These plans will help improve the overall livability for Fort Worth residents in the area and help them lead more active lifestyles by making walking and bicycling more attractive options for traveling in their neighborhoods. The goals and action items identified are consistent with Fort Worth's mission of focusing on the future, working together to build strong neighborhoods, develop a sound economy, and provide a safe community.

I encourage you to support the approval of the Safe Routes to School Plans for Park Glen Elementary, Parkwood Hill Intermediate, and Hillwood Middle Schools. Thank you for your time and consideration.

Sincerely,

Mike Moncrief
Mayor

MIKE MONCRIEF, MAYOR

THE CITY OF FORT WORTH * 1000 THROCKMORTON STREET * FORT WORTH, TEXAS 76102
817-392-6118 * FAX 817-392-2409

August 19, 2007

Ms. Susan Kenney
PTA Coordinator for
Safe Routes to School Program

Dear Ms. Kenney:

This letter is to express full support of the Safe Routes to School Plan. Park Glen Elementary understands the importance for children to exercise. Walking/bicycling to school safely is a good start towards daily exercise. We look forward to the programs that will be initiated this year to encourage children to walk/bike to school. We also look forward to future improvements which could possibly be made to improve the safety environment for our students when walking/bicycling to and from school.

Sincerely,

Carol Wicker White
Principal
Park Glen Elementary
5100 Glen Canyon Rd.
Ft. Worth, TX 76137



OFFICE OF THE SUPERINTENDENT OF SCHOOLS

KELLER INDEPENDENT SCHOOL DISTRICT

DEPARTMENT OF PLANNING AND SECURITY

350 Keller Parkway
Keller, Texas 76248
Phone: 817-744-1207
Fax: 817-337-3275

July 26th, 2009

Susan Kenney
PTA Coordinator for Safe Routes to School Program
c/o Park Glen Elementary PTA
5100 Glen Canyon Road
Fort Worth, TX 76137
Susan's Phone: (817) 521-8892
Email: SGKAssoc@aol.com
Organization: Park Glen PTA

Re: Letter of Support for Safe Routes to School Planning Project

Dear Susan:

The purpose of this letter is to communicate Keller ISD's encouragement and support of your application to TXDOT requesting financial assistance for development of a Safe Routes to School Plan. Upon approval of funding by TXDOT, our staff looks forward to the opportunity to work with you by providing comments and input into the development of a comprehensive plan which will promote pedestrian and bicycle safety in those neighborhoods served by Keller ISD school facilities.

While only a small percentage of students currently walk or bike to school, enhancing pedestrian safety will likely produce greater participation in biking and walking to school, which will reduce vehicular traffic during early morning drop-off and afternoon pick-up times and improve safety around the school facilities.

Please advise me if there is any additional support Keller ISD can offer to strengthen your grant application.

Sincerely,

Dr. James R. Veitenheimer,
Superintendent

7563 Deerlodge Trail
Fort Worth, TX 76137

August 3, 2009

Susan Kenney
Safe Routes to School Program
c/o Park Glen Elementary
5100 Glen Canyon Road
Fort Worth, TX 76137

RE: Safe Routes to School

Dear Mrs. Kenney:

My name is GinGin Owens, and I am a parent at Park Glen Elementary School and serve as the President of the school's PTA. Safe Routes to School is extremely important and your committee of parents, principals, and local officials have put together a comprehensive plan of action and clear vision. As a parent of a student at Park Glen Elementary, I support this mission.

Best Regards,

GinGin Owens

Email received on July 29, 2009

The Parkwood Hill PTA supports the adoption of the proposed Parkwood Hill Safe Routes to School Plan. We are committed to promoting the health and safety of the children of Parkwood Hill Intermediate School, and urge the implementation of the various components and action items as soon as possible. The plan will effect positive changes for the children, the community, and the environment.

Thank you,

Courtney Hoffman
President, Parkwood Hill PTA

Email received on August 12, 2009

Susan,

The Hillwood PTA is very excited about the safe routes to school program that safety committee has put together for Park Glen, Parkwood Hill Intermediate School and Hillwood Middle School. We have a large percentage of kids who walk to school with no crossing guards close to the school. Helping our students to safely get to school is a priority that we feel very strongly about. We believe that if the traffic was controlled better across Park Vista, more of our students would walk or ride their bikes to school. We hope you will consider all aspects of the plan.

Thank you,

Stephanie Leon

Hillwood Middle School PTA President

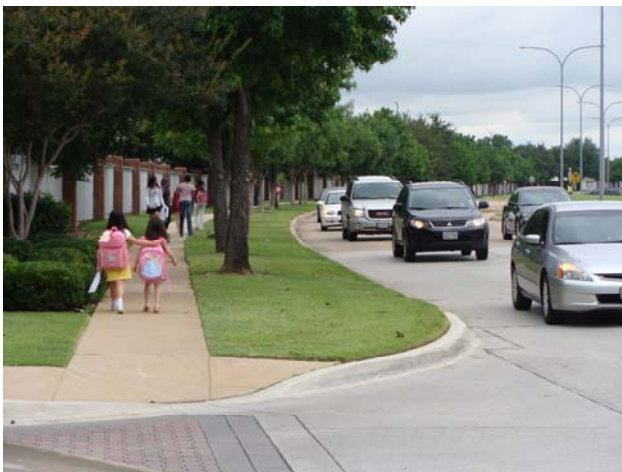
APPENDIX-F



Park Vista Blvd. at Ash River Rd. intersection



Park Vista Blvd. at Ash River Rd. intersection



Park Vista Blvd. near Glen Canyon Rd.



Park Vista Blvd. south of Ash River Rd.



Park Vista Blvd. and Redwood Trail intersection



Redwood Trail



Park Vista Blvd. and N. Tarrant Pkwy intersection (picture taken from median on N. Tarrant Pkwy, looking south)