# COLUMBUS CITY SCHOOLS

## DISTRICT-WIDE TRAVEL PLAN

### February 2015

**OHIO SAFE ROUTES TO SCHOOL
DISTRICT-WIDE TRAVEL PLAN**

Columbus City Schools

SafeRoutes
Ohio Safe Routes to School

OHIO DEPARTMENT OF
TRANSPORTATION

# TABLE OF CONTENTS

**Attachments:**

Attachment 1:    Engineering Countermeasure Descriptions
Attachment 2:    Priority Corridors and Engineering Countermeasures by School
Attachment 3:    Planning-Level Cost Estimates

**Appendices:**

Appendix A:    School Demographics
Appendix B:    Kick-off Meeting Materials
Appendix C:    Principal Surveys
Appendix D:    Walk Audit Information and Local Walk Audit Notes
Appendix E:    Parent Survey Summary
Appendix F:    Travel Tally Summary
Appendix G:    Ohio Department of Transportation Student Maps
Appendix H:    Prioritization Matrix
Appendix I:    Health Impact Assessment Materials

### Safe Routes to School Program

The Ohio Safe Routes to School (SRTS) program is funded by the Federal Highway Administration (FHWA) and administered by the Ohio Department of Transportation (ODOT). The program supports projects and programs that enable and encourage safe walking and bicycling to and from school.

A School Travel Plan (STP) is a requirement for funding requests through the ODOT SRTS program. An STP is the written document that outlines a community's intentions for enabling students to engage in active transportation (i.e. walking or bicycling) as they travel to and from school. Serving as the foundation for an SRTS program, the STP can be updated and modified as needed to comply with community values and goals. The plan is created through a team-based approach that involves key community stakeholders in both identifying barriers to active transportation and, using all 5 *Es*, a set of solutions to address them.

The 5 Es are Engineering, Education, Enforcement, Encouragement, and Evaluation. Engineering refers to infrastructure projects that improve the pedestrian and bicycle environment within two miles of a school. The other Es refer to non-infrastructure programs that are intended to affect student or driver behavior to result in more walking and biking to school.

### Columbus School Travel Plan

The Columbus STP follows ODOT's draft guidelines for large school districts. Large school districts are defined by ODOT as those with more than 15 kindergarten through 8th grade (K-8) schools. In prior years, ODOT's funding process restricted applications for STP development to four schools at a time. ODOT observed that large school districts did not apply for SRTS grant funding at a rate proportionate to their representation in the state. The Columbus STP is the second in a series of three district-wide STPs for large school districts in Ohio and one of the first nationwide.

### Body Mass Index for Ohio's Third Grade Students

A review of the *Report on the Body Mass Index of Ohio's Third Graders*, conducted by the Ohio Department of Health (ODH), found that childhood obesity is one of the most important public health issues in Ohio with more than 30% of children and adolescents classified as overweight or obese. In a 2009-2010 study, it was reported that 31.2% of third grade students living in Franklin County, where Columbus City Schools (CCS) are located, have a prevalence of being overweight or obese. A map of the State of Ohio showing the percentage of overweight and obese third graders by county can be found in **Appendix A**. Through physical activity, such as walking or biking to and from school, and/or educating youth about the importance of an active lifestyle, ODOT's SRTS Program hopes to foster awareness and prevention to combat this serious public health issue.

### Body Mass Index for Columbus City Schools Students Grades K-7

Columbus City Schools' (CCS) Wellness Initiative's research reinforces the information presented in the ODH study. For the 2013-2014 school year: 28% of CCS kindergarteners had a body mass index (BMI) of 85% or greater; 35% of CCS third graders had a body mass index (BMI) of 85% or greater; 41% of CCS fifth graders had a body mass index (BMI) of 85% or greater; and 44% of CCS seventh graders had a body mass index (BMI) of 85% or greater. Additionally, 32% of CCS pre-K students had a body mass index (BMI) of 85% or greater, indicating that childhood obesity begins at a young age and it is not too early to encourage active transportation for young primary school-age students.

### Health Impact Assessment

The Columbus STP Team incorporated a Health Impact Assessment (HIA) into the STP to ensure health and socioeconomic disparities were considerations as the plan was created. The HIA initially focused on the relationship between student's active transportation to school and health, wellness, safety, and academic achievement. After analyzing the health and socioeconomic indicators in the CCS District, the team selected 15 *Focus Schools* that had the greatest need for SRTS countermeasures. Some countermeasures can potentially close the existing health and socioeconomic disparity gaps in the affected schools and neighborhoods. The HIA also included an extensive literature review concentrating on the relationship between the SRTS 5 Es and their impact on physical activity, traffic safety, and crime. This research — combined with the parent surveys, student tallies, principal surveys, and perspective mapping surveys — resulted in predictions and recommendations that guided the formulation and the prioritization of countermeasures in the STP. The HIA results also made the case to prioritize SRTS efforts in the 15 Focus Schools and pilot many STP infrastructure and non-infrastructure countermeasures at those schools.

# 1.0: TARGET SCHOOLS AND SAFE ROUTES TO SCHOOL TEAM

*Columbus City Schools Safe Routes to School Coordinator*

Following the model established with the Cincinnati School Travel Plan (STP), a full-time Safe Routes to School (SRTS) Coordinator is in place to guide the development of the process locally. Alex Smith is the SRTS Coordinator for the City of Columbus. He is a passionate active transportation advocate, an all-weather commuter bicyclist, and a graduate of Columbus City Schools (CCS). Alex earned his Bachelor of Arts in Sociology, Summa Cum Laude, and his Masters of City and Regional Planning, Magna Cum Laude, from The Ohio State University. The Ohio Department of Transportation (ODOT) is funding his position for the length of the STP process.

*Columbus SRTS Team Members*

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- Jackie Broderick Patton, Columbus City Schools
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*Consultant Team Members*

- David F. Shipps, AICP – TranSystems Corporation (Project Manager)
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- Columbus City Schools
- Columbus Department of Public Service
- Columbus Division of Police
- Columbus Public Health
- Office of Columbus Mayor Michael B. Coleman
- Ohio Department of Health
- Mid-Ohio Regional Planning Commission
- Safe Routes to School National Partnership

*Target Schools*

The CCS District includes 94 schools that serve students ranging from kindergarten to 8th grade. Many of these schools also serve pre-Kindergarten students. Schools that only serve grades 9-12 are excluded from this STP since they are not the focus of the Federal SRTS program. Specific demographic information from the Ohio Department of Education for each school included in the plan is located in **Appendix A**. The majority of the schools are *neighborhood schools* which draw from the area around the school. There also are 13 district-wide schools called *alternative schools* that draw students from across the District through a lottery system. **Figure 1** displays a map of the CCS K-8th grade schools.

**Figure 1: Columbus City Schools**
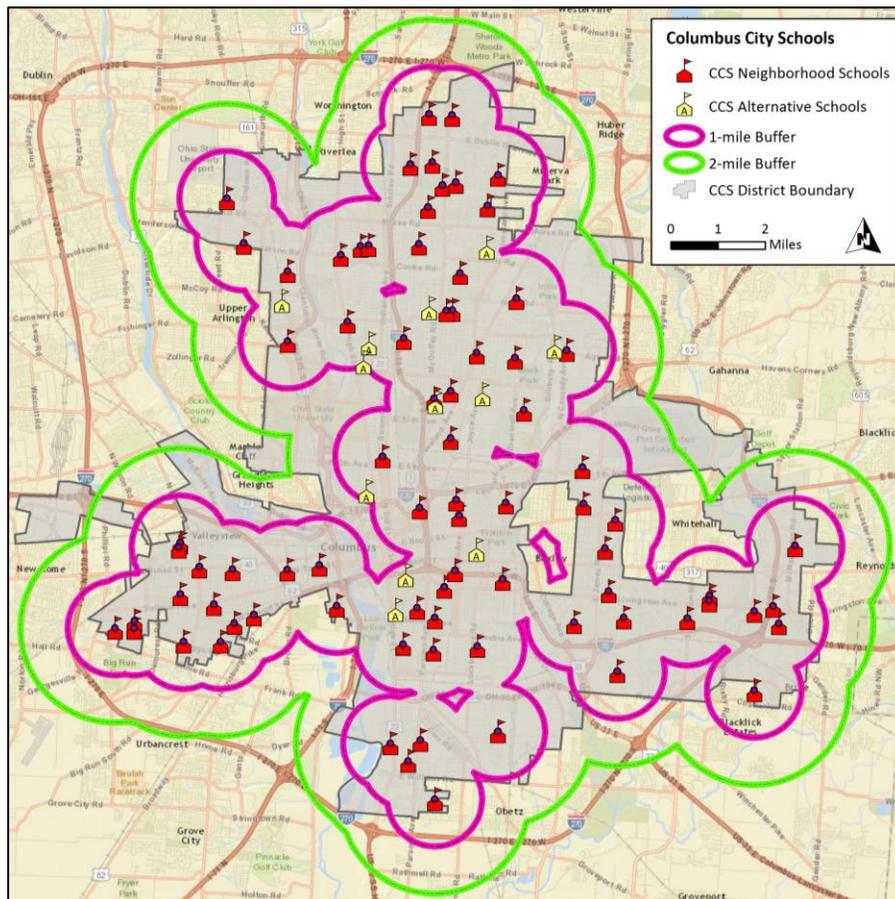
# 2.0: PUBLIC INVOLVEMENT

## Vision

The Columbus Safe Routes to School (SRTS) team adopted the following vision statement for the School Travel Plan (STP).

> The Columbus SRTS program, in partnership with Columbus City Schools (CCS), strives for each student to be highly educated, prepared for leadership and service, and empowered for success as a citizen in a global community that supports and enhances safe walking and biking to school by focusing on health and equity through engineering, enforcement, evaluation, education and encouragement.

## Public Involvement Process

This section summarizes input received through the public involvement process including input from the Columbus SRTS Team, school leadership, parents, and CCS partners (i.e., organizations that can help with implementation of this travel plan).

### Columbus Safe Routes to School Team Input

The SRTS Planning Team conducted a kick-off meeting with the Columbus SRTS Team on August 15, 2013. At the meeting, attendees discussed the Health Impact Assessment (HIA) development, general planning process, the travel plan methodology for large school districts, and next steps. A public kick-off was held on October 16, 2013 at Avondale Elementary School. The agenda and meeting minutes from the kick-off meeting are in **Appendix B**.

### School Input

The Columbus SRTS Team collected input from CCS schools through an online school survey and school-specific walk audits.

#### Principal Survey

An online survey was developed by the Consultant Team specifically for completion by principals. Distributed in the spring of 2014, the Principal Survey was completed by 73 out of the 94 schools. Each principal provided a list of barriers to walking and biking, common walking and biking routes, and other information related to encouraging or promoting walking and biking. Some of the highlights from these responses are included in the sections that follow. A table listing each school's responses is provided in **Appendix C**.

#### Student Travel

The survey asked school leadership to estimate the percentage of students who travel to and from school by walking, bicycling, riding in a car, riding in a school bus, and/or riding a Central Ohio Transit

Authority (COTA) bus. **Figure 2** shows the average percentages reported for each mode, based on estimates from school leaders.

**Figure 2: Principals' Responses: Average Percentage of Students' Mode To and from School**
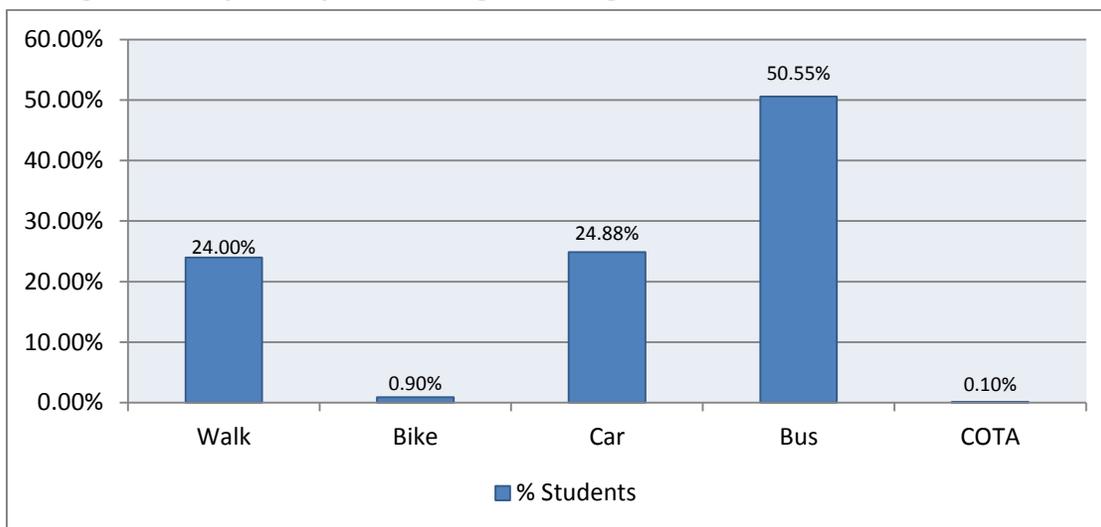


*Barriers to Walking and Bicycling to and from School*

The survey asked principals to rank 11 potential barriers to walking and bicycling to school. The barriers most commonly ranked first were:

- Distance
- Concern about violence or crime
- Lack of sidewalks or pathways
- Safety at intersections and crossings
- Speed of traffic along key student walking and bicycling routes

The barriers most commonly ranked second were:

- Safety at intersections and crossings
- Volume of traffic along key student walking and bicycling routes
- Lack of sidewalks or pathways
- Speed of traffic along key student walking and bicycling routes
- Lack of adult supervision

*School Policies*

The survey asked principals whether the school had adopted a policy prohibiting walking and bicycling. There are four schools that currently prohibit biking: Easthaven, Fairmoor, Fairwood, and Woodcrest. A biking or walking prohibition may be in place because of concerns about safety. Through education and infrastructure improvements, the SRTS team will work with school leadership to encourage students to walk and bike to school safely rather than prohibiting the modes of transportation altogether.

The survey asked principals which common SRTS strategies the school had already implemented and which common SRTS strategies the school would be interested in implementing in the future:

- The most commonly reported SRTS strategies schools have already implemented included:
  - Pedestrian safety education (16% of schools)
  - Observation of school arrival and dismissal (15% of schools)
  - Personal security education (14% of schools)
  - Education regarding the health benefits of walking/bicycling to school (11% of schools)
  - Bicycle safety education (9% of schools)
  - Carpools (9% of schools)

- The most commonly reported SRTS strategies schools would like to implement in the future included:
  - Personal security education (16% of schools)
  - Assessment of walkability and bikeability in the area around the school (16% of schools)
  - Parent Surveys through the National Center for Safe Routes to School (15% of schools)
  - International Walk to School Day (14% of schools)
  - Mileage clubs or contests (14% of schools)
  - No phone zone campaigns to discourage cell phone use while driving (14% of schools)

Nine schools (12%) indicated they were planning on implementing SRTS Programs in the future.

<u>Walk Audits</u>

Walk Audits were conducted at the 15 HIA Focus Schools of the 94 K-8 CCS schools beginning in spring 2014. Each Walk Audit included members of the Columbus SRTS Team along with principals and interested parents and caregivers. The primary goal of the Walk Audits was to analyze the schools' walking and biking environments. The Consultant Team also taught several individuals how to conduct walk audits. The training will allow the Columbus SRTS Team to conduct future walk audits at additional schools around the district. The following CCS school buildings were included in the initial Walk Audits with the Consultant Team:

- Avondale Elementary School
- Champion Middle School
- Eakin Elementary School
- East Columbus Elementary School
- Fairmoor Elementary School
- Hamilton STEM Academy
- Highland Elementary School
- Lincoln Park Elementary School

- Livingston Elementary School
- Ohio Elementary School
- Starling Middle School
- Sullivant Elementary School
- Trevitt Elementary School
- Weinland Park Elementary School
- Windsor STEM Academy

A meeting was held with the school principal or another school representative prior to the walk audits. The purpose of the meeting was to:

- Identify barriers on the planned walk audit route prior to observation in the field
- Identify barriers beyond the planned walk audit route
- Identify non-infrastructure barriers or other concerns of the principal or school representative
- Discuss how walking and biking safety is currently taught to students and communicated to parents
- Increase understanding of the unique characteristics of each neighborhood and community surrounding each school building, and how this relates to safe walking and biking for students

The walk audits included observing student arrival and/or dismissal and the conditions along adjacent roadways. Notes and photographs of existing bicycle and pedestrian infrastructure and likely barriers to walking and bicycling to school were documented. The information collected contributed to the countermeasures recommended in **Section 4.0: Issues and Countermeasures**. Written notes for the walk audits are included in **Appendix D**.

**Parent Input**

The National Center for Safe Routes to School's Parent Survey was mailed district-wide to approximately 38,174 student households in the fall of 2013. Nearly 5,300 (14%) surveys were returned. The surveys provided a base of information regarding existing conditions and barriers (real and perceived) to walking and biking to school. The Columbus SRTS Team intends to administer this survey annually to evaluate the effectiveness of their SRTS programs and general walking and biking concerns. The survey consists of a multiple choice section to indicate barriers to active transportation and an open comment section at the end of the survey. The overall Parent Survey Summary is located in **Appendix E**.

The top issues identified by parents as affecting their decision to allow their child to walk to or from school were:
- Distance (68%)
- Violence/crime (60%)
- Weather/climate (59%)
- Speed of traffic along route (58%)
- Safety of intersections and crossings (58%)
- Amount of traffic along route (56%)

Of note, in the 2013-2014 winter season, Columbus experienced an unusually large amount of snow and excessive cold temperature, which may have influenced parents' high ranking of *weather/climate*.

In the comment section of the Parent Survey, the top issues identified were:

- Crime and safety concerns–with registered sex offenders along routes to school mentioned specifically several times
- Distance from school
- Age of students
- Lack of sidewalks along routes students take to school
- Volume and speed of traffic along routes students take to school

Many of these concerns are items that SRTS Programs address, even if the issue is a perceived issue. Some parent respondents suggested adding a crossing guard, crosswalk, adding or repairing sidewalks, speed reduction and/or pedestrian signal upgrade at specific locations and these were shared with the appropriate party, City of Columbus or Columbus City Schools.

**Student Travel Tallies**

The National Center for Safe Routes to School's Student Travel Tally Forms were distributed district-wide in the spring of 2014. Student Travel Tally Forms were completed in the classroom and were returned from 77 of the 94 schools (82%).  **Table 1** shows a summary of the morning and afternoon travel modes as indicated in the Tallies. The Travel Tally Summary is located in **Appendix F**. The purpose of the Student Travel Tally Forms is to establish a baseline for current student travel modes.

**Table 1: Student Travel Tally Results**

|  | Walk | Bike | School Bus | Family Vehicle | Carpool | Public Transit | Other |
|---|---|---|---|---|---|---|---|
| **Morning trips (41,870 students)** | 13% | 0.2% | 40% | 42% | 3% | 0.5% | 1% |
| **Afternoon trips (40,247 students)** | 16% | 0.2% | 43% | 35% | 3% | 0.6% | 1% |

# 3.0: EXISTING CONDITIONS

## *City Context*

The Columbus City School (CCS) District is located in Franklin County, Ohio. The District is located in the City of Columbus, which is predominately an urban area, and generally has a well-connected pedestrian infrastructure. Most of the streets within a mile of CCS's schools have sidewalks on one or both sides of the street. Additionally, crosswalks and pedestrian signals exist at most of the signalized intersections, although, in some cases these amenities are not across all legs (streets) of the intersection.

A factor that can limit walking and bicycling to and from school in Columbus is the winter climate. The winter of 2013-2014 saw school cancelled for several days due to severe cold, impassable roads, and sidewalks. The Columbus Safe Routes to School (SRTS) Team is considering several snow removal educational and encouragement countermeasures, listed in **Section 4.0**: **Issues and Countermeasures**, to address this issue moving forward.

## *School District Context*

As of the fall of 2013, CCS had 94 K-8 schools with an enrollment of 38,174 students. The ethnic distribution for the 94 schools is African-American (56.5%), Caucasian (25.9%), Hispanic (8.9%) Multi-Racial (5.5%), Asian or Pacific Islander (3%), and American Indian or Alaskan Native (0.2%). It is of note that 13.5% of CCS students have limited English proficiency. Seventy-eight percent of students are eligible to participate in the federal free/reduced-price lunch program. CCS provides transportation for all students in grades K-8 who live more than two miles from their school. This includes students who attend both *neighborhood schools* and *alternative schools*.

## *Schools Included in the Columbus City Schools' School Travel Plan*

A list of the 94 schools included in the CCS School Travel Plan (STP) is shown in **Table 2**; an asterisk indicates a *Health Impact Assessment (HIA) Focus School*. **Appendix G** highlights maps of each CCS school along with the location of their enrolled students' proximity to the building.

**Table 2: Schools Included in the Columbus City Schools' School Travel Plan**

| School | Grades | Type | Address | Total Students | % Students in 1 Mile | % Students in 2 Miles |
|---|---|---|---|---|---|---|
| Alpine | K-5 | Elementary | 1590 Alpine Drive | 525 | 57.3% | 84.7% |
| Arts Impact (AIMS) | 6-8 | Middle | 690 Jack Gibbs Boulevard | 524 | 2.8% | 10.1% |
| Avalon | K-5 | Elementary | 5220 Avalon Avenue | 633 | 52.7% | 84.6% |
| Avondale* | PK-5 | Elementary | 141 Hawkes Avenue | 318 | 75.6% | 81.9% |

| School | Grades | Type | Address | Total Students | % Students in 1 Mile | % Students in 2 Miles |
|---|---|---|---|---|---|---|
| Beatty Park | K-5 | Elementary | 519 Trevitt Street | 113 | 2.7% | 14.3% |
| Berwick Alternative | K-8 | K-8 | 2595 Scottwood Road | 726 | 41.7% | 58.3% |
| Binns | K-5 | Elementary | 1080 Binns Boulevard | 336 | 72.6% | 89.3% |
| Broadleigh | PK-5 | Elementary | 3039 Maryland Avenue | 287 | 58.3% | 68.8% |
| Buckeye | 6-8 | Middle | 2950 S. Parsons Avenue | 464 | 29.2% | 74.6% |
| Burroughs | K-5 | Elementary | 551 S. Richardson Avenue | 425 | 86.3% | 91.9% |
| Cassady Alternative | K-5 | Elementary | 2500 N. Cassady Avenue | 342 | 69.2% | 82.8% |
| Cedarwood Alternative | K-5 | Elementary | 775 Bartfield Drive | 400 | 27.4% | 63.4% |
| Champion* | 6-8 | Middle | 284 N. 22nd Street | 275 | 46.9% | 80.4% |
| Clinton | K-5 | Elementary | 10 Clinton Heights Avenue | 419 | 59.6% | 77.1% |
| Colerain | K-5 | Elementary | 499 E. Weisheimer Road | 216 | 35.4% | 49.0% |
| Columbus Africentric K-5 | K-5 | All Grades | 300 E. Livingston Avenue | 246 | 2.5% | 29.3% |
| Columbus Africentric 6-12 | 6-12 | All Grades | 300 E. Livingston Avenue | 470 | 1.1% | 21.8% |
| Columbus City Preparatory School for Boys | 6-8 | Middle | 3450 Medway Avenue | 201 | 6.8% | 14.1% |
| Columbus City Preparatory School for Girls | 6-8 | Middle | 1390 Bryden Road | 414 | 5.7% | 13.5% |
| Columbus Global Academy | 6-12 | Middle/High | 2001 Hamilton Avenue | 701 | 1.4% | 4.2% |
| Columbus North International | 7-12 | Middle/High | 100 E. Arcadia Avenue | 735 | 3.2% | 8.8% |
| Columbus Scioto 6-12 | 6-12 | Middle/High | 2951 S. High Street | 147 | 1.5% | 7.6% |
| Columbus Spanish Immersion Academy | K-6 | Elementary | 2155 Fenton Street | 320 | 9.2% | 29.9% |
| Como | PK-5 | Elementary | 2989 Reis Avenue | 357 | 77.8% | 86.5% |
| Cranbrook | K-5 | Elementary | 908 Bricker Boulevard | 342 | 48.6% | 55.0% |
| Devonshire Alternative | K-5 | Elementary | 6286 Ambleside Drive | 496 | 44.9% | 65.5% |
| Dominion | 6-8 | Middle | 330 E. Dominion Boulevard | 504 | 16.9% | 47.1% |
| Duxberry Park Alternative | PK-5 | Elementary | 1779 E. Maynard Avenue | 272 | 22.5% | 46.3% |
| Eakin* | K-5 | Elementary | 3774 Eakin Road | 324 | 81.8% | 87.5% |
| East Columbus* | PK-5 | Elementary | 3100 E. 7th Avenue | 426 | 57.3% | 71.6% |
| East Linden | PK-5 | Elementary | 2505 Brentnell Boulevard | 324 | 59.3% | 69.0% |
| Eastgate | PK-5 | Elementary | 1925 Stratford Way | 286 | 54.2% | 70.8% |
| Easthaven | PK-5 | Elementary | 2360 Garnet Place | 417 | 60.0% | 71.4% |
| Ecole Kenwood French Immersion | K-6 | Elementary | 3770 Shattuck Avenue | 325 | 1.6% | 10.1% |
| Fairmoor* | K-5 | Elementary | 3281 Mayfair Park Place | 430 | 70.0% | 79.9% |

| School | Grades | Type | Address | Total Students | % Students in 1 Mile | % Students in 2 Miles |
|---|---|---|---|---|---|---|
| Fairwood Alternative | PK-6 | Elementary | 726 Fairwood Avenue | 366 | 57.7% | 76.8% |
| Forest Park | K-5 | Elementary | 5535 Sandalwood Boulevard | 500 | 58.1% | 79.8% |
| Gables | K-5 | Elementary | 1680 Becket Avenue | 411 | 42.6% | 56.4% |
| Georgian Heights Alternative | K-5 | Elementary | 784 Georgian Drive | 524 | 36.6% | 57.7% |
| Hamilton STEM Academy* | PK-6 | STEM (PK-6) | 2047 Hamilton Avenue | 469 | 70.9% | 88.5% |
| Highland* | K-5 | STEM (K-5) | 40 S. Highland Avenue | 286 | 71.4% | 84.2% |
| Hiltonia | 6-8 | Middle | 2345 W. Mound Street | 515 | 65.7% | 84.7% |
| Hubbard Mastery School | PK-6 | Elementary | 104 W. Hubbard Avenue | 359 | 26.5% | 44.5% |
| Huy/AG Bell | K-5 | Elementary | 1545 Huy Road | 473 | 70.6% | 78.0% |
| Indian Springs | K-5 | Elementary | 50 E. Henderson Road | 407 | 38.4% | 72.5% |
| Indianola Informal | K-8 | K-8 | 251 E. Weber Road | 591 | 24.3% | 40.7% |
| Innis | K-5 | Elementary | 3399 Kohr Boulevard | 366 | 41.5% | 82.1% |
| Johnson Park | 6-8 | Middle | 1130 S. Waverly Street | 391 | 41.1% | 69.1% |
| Leawood | K-5 | Elementary | 1677 S. Hamilton Road | 270 | 64.8% | 79.6% |
| Liberty | K-5 | Elementary | 2901 Whitlow Road | 344 | 58.9% | 73.4% |
| Lincoln Park* | K-6 | Elementary | 579 E. Markison Avenue | 342 | 63.6% | 71.5% |
| Lindbergh | K-5 | Elementary | 2541 Lindbergh Drive | 240 | 70.1% | 84.3% |
| Linden STEM Academy | PK-6 | STEM (PK-6) | 2626 Cleveland Avenue | 505 | 59.3% | 78.2% |
| Linden-McKinley STEM Academy | 7-12 | STEM (7-12) | 1320 Duxberry Avenue | 628 | 1.1% | 28.2% |
| Livingston* | PK-5 | Elementary | 825 E. Livingston Avenue | 443 | 72.1% | 78.6% |
| Maize | K-5 | Elementary | 4360 Maize Road | 287 | 40.0% | 73.0% |
| Medina | 6-8 | Middle | 1425 Huy Road | 474 | 44.8% | 84.0% |
| Mifflin | 6-8 | Middle | 3000 Agler Road | 386 | 22.3% | 52.3% |
| Moler | K-6 | Elementary | 1560 Moler Road | 439 | 72.8% | 88.8% |
| North Linden | K-5 | Elementary | 1718 E. Cooke Road | 445 | 60.7% | 84.1% |
| Northtowne | PK-5 | Elementary | 4767 Northtowne Boulevard | 300 | 67.5% | 86.9% |
| Oakland Park Alternative | PK-5 | Elementary | 3392 Atwood Terrace | 326 | 22.5% | 48.0% |
| Oakmont | K-5 | Elementary | 5666 Oakmont Drive | 308 | 49.8% | 64.5% |
| Ohio* | K-5 | Elementary | 505 S. Ohio Avenue | 326 | 57.7% | 78.1% |
| Olde Orchard Alternative | K-5 | Elementary | 800 McNaughten Road | 511 | 16.6% | 42.1% |
| Parkmoor | PK-5 | Elementary | 1711 Penworth Drive | 295 | 66.7% | 80.6% |
| Parsons | PK-5 | Elementary | 3231 Lee Ellen Place | 476 | 63.0% | 80.8% |
| Ridgeview | 6-8 | Middle | 4241 Rudy Road | 534 | 8.8% | 35.2% |
| Salem | K-5 | Elementary | 1040 Garvey Road | 354 | 66.2% | 83.1% |

| School | Grades | Type | Address | Total Students | % Students in 1 Mile | % Students in 2 Miles |
|---|---|---|---|---|---|---|
| Scottwood | K-5 | Elementary | 3392 Scottwood Road | 468 | 64.5% | 80.3% |
| Shady Lane | K-5 | Elementary | 1444 Shady Lane Road | 427 | 58.8% | 85.6% |
| Sherwood | 6-8 | Middle | 1400 Shady Lane Road | 421 | 36.5% | 66.7% |
| Siebert | K-6 | Elementary | 385 Reinhard Avenue | 257 | 26.2% | 57.6% |
| South | 7-12 | Middle/High | 1160 Ann Street | 828 | 51.9% | 84.2% |
| South Mifflin STEM Academy | PK-6 | STEM (PK-6) | 2365 Middlehurst Drive | 236 | 62.5% | 80.2% |
| Southwood | PK-5 | Elementary | 1500 South 4th Street | 355 | 74.9% | 85.6% |
| Starling* | K-8 | K-8 | 145 S. Central Avenue | 581 | 69.3% | 89.9% |
| Stewart Alternative | K-5 | Elementary | 40 Stewart Avenue | 285 | 9.1% | 36.5% |
| Sullivant* | PK-5 | Elementary | 791 Griggs Avenue | 273 | 69.2% | 79.8% |
| Trevitt* | PK-5 | Elementary | 519 Trevitt Street | 316 | 81.4% | 86.6% |
| Valley Forge | K-5 | Elementary | 1321 Urban Drive | 313 | 46.0% | 79.8% |
| Valleyview | K-5 | STEM (K-5) | 2989 Valleyview Drive | 292 | 41.9% | 65.6% |
| Watkins | K-5 | Elementary | 1520 Watkins Road | 362 | 68.9% | 83.2% |
| Wedgewood | 6-8 | Middle | 3800 Briggs Road | 533 | 43.9% | 78.0% |
| Weinland Park* | PK-5 | Elementary | 211 E. 7th Avenue | 340 | 57.8% | 69.2% |
| West Broad | PK-5 | Elementary | 2744 W. Broad Street | 469 | 77.7% | 90.7% |
| West Mound | PK-5 | Elementary | 2051 W. Mound Street | 449 | 81.8% | 94.3% |
| Westgate Alternative | K-5 | Elementary | 3080 Wicklow Road | 376 | 74.5% | 90.3% |
| Westmoor | 6-8 | Middle | 3001 Valleyview Drive | 513 | 50.3% | 87.1% |
| Windsor STEM Academy* | PK-6 | STEM (PK-6) | 1219 E. 12th Avenue | 478 | 65.1% | 87.2% |
| Winterset | K-5 | Elementary | 4776 Winterset Drive | 320 | 49.7% | 72.7% |
| Woodcrest | PK-5 | Elementary | 5321 E. Livingston Avenue | 352 | 53.1% | 68.1% |
| Woodward Park | 6-8 | Middle | 5151 Karl Road | 896 | 32.4% | 72.3% |
| Yorktown | 6-8 | Middle | 5600 East Livingston Avenue | 403 | 13.1% | 38.9% |

### Crash Statistics

According to The Ohio Department of Transportation (ODOT), from 2011-2013, 1,723 crashes were reported involving pedestrians or bicyclists within two miles of a CCS school building serving kindergarten through 8th grade students. As seen in *Figure 1* (page 4), the two-mile radius for all 94 schools in the STP includes 70% of the City of Columbus as well as portions of several adjacent cities.

Overall, 1,179 crashes involved pedestrians, 563 involved bicyclists, and one involved another type of non-motorized vehicle. These crashes resulted in 48 fatalities. Additionally, 1,439 of the crashes led to 1,548 injuries, with some crashes reporting up to seven injuries. Sixteen schools (17%) had over 300 crashes occur within two miles of the school. An additional seven schools (7%) had between 200 and

300 crashes within two miles and forty five schools (48%) had between 100 and 200 crashes that occurred within two miles.

While 1,723 pedestrian- and bicycle-related crashes may seem like a high number, it is important to remember that this is an urban area where higher populations lead to initially higher numbers of walkers and cyclists. Walking and bicycling are great modes of transportation for children for many reasons, and are safe in most cases. Travelling from one location to another poses some degree of inherent danger regardless of mode, but the crash numbers do show that more work needs to be done to make streets safe for children who walk, bike, and also ride in vehicles.

### *School District Policies and Accomplishments*

Current CCS District policies that impact school travel are listed below. School district policies are organized by category. Additionally, the CCS SRTS Program's accomplishments to date are listed.

**School District Policies**

Walking and Bicycling Policies

CCS does not have a formal policy encouraging or discouraging walking and bicycling to school.
The Board of Education supports the creation of a district-wide school travel plan by accepting the original agreement document for The Ohio Department of Transportation (ODOT) grant and funds to create the STP.

Comprehensive School Wellness Policy

CCS has a Comprehensive School Wellness Policy and a district-wide School Health Advisory Council whose sub-committees have worked to implement nutritional improvements, healthier vending machine options, new health and physical education curriculum in grades K-5, and an intense staff wellness focus. The Comprehensive School Wellness Policy is in the process of being updated. The Consultant Team recommends that SRTS language be added to the updated Comprehensive School Wellness Policy.

Regarding Pedestrian and Bicycle Accommodation on School Campuses

Bicycle racks are a part of the standard design of new and renovated CCS school facilities.  However, some schools (Easthaven, Fairmoor, Fairwood, and Woodcrest) discourage bicycling due to the location of the bicycle racks, the neighborhood environment, concerns about students bicycling to school safely, and/or previous occurrences of bicycle theft.

Liability Policies

CCS does not require waivers for students who regularly walk and bicycle to school. It is decided on a building-by-building basis if students who participate in special walking and bicycling activities will need parental permission.  These activities include *Walk to School Day, Bicycle Rodeos, Walking School Buses, and Bicycle Trains*. CCS requires background checks for adults who volunteer with their programs whether unsupervised or supervised by CCS staff.

Personal Security Policies

At the policy level, CCS addresses the issue of personal security while walking and bicycling to school through its District-wide Guide to Positive Code Student Behavior, which states, "the Board of Education has adopted a policy of 'zero tolerance' for violent, disruptive or inappropriate behavior." Theft of personal property (including bicycles) is a Level 2 violation in the District-wide Guide to Positive Code Student Behavior. Corrective behavior strategies for Level 2 violations range from a student/parent conference to expulsion. All violations take into account the students' "needs including the age and grade level of the student, history of misbehavior, and seriousness of any specific offense."

Busing Policies

CCS does not routinely provide busing to K-8 students who live within two miles of school. The Ohio Department of Education (ODE) regulations prohibit school bus drivers from picking up or dropping off students at locations that are not assigned stops. Consequently, school bus drivers cannot drop students off at a remote drop off or park and walk locations as part of a walk or bike to school event.

**School District Accomplishments**

The following list of accomplishments highlights the school(s) who participated in the activity and denotes the corresponding *E* (Encouragement, Education, Enforcement, Evaluation, and Engineering).

- International Walk to School Day – Valleyview Elementary and Clinton Elementary during the 2013-2014 and 2014-2015 school years. *(Education, Encouragement)*
- National Bike to School Day – Ohio Elementary and Clinton Elementary during the 2013-2014 school year. *(Education, Encouragement)*
- Bike Rodeo - Clinton Elementary in the spring of 2014. *(Education, Encouragement)*
- Student and Parent Bike Ride - Clinton Elementary in the spring of 2014. *(Education, Encouragement)*
- Bike Safety Presentation - Clintonville Community Resource Center's Kid's Club in the summer of 2014. *(Education, Encouragement)*
- Bike Safety Presentations - City of Columbus' Neighborhood PRIDE Program with students at Avondale, Fairmoor, Fairwood, and Windsor Elementary Schools in the spring and summer of 2014. *(Education, Encouragement)*
- Bike Festivals - City of Columbus' Neighborhood PRIDE Program with students at Avondale, Fairmoor, Fairwood, and Windsor Elementary Schools in the spring and summer of 2014. *(Education, Encouragement)*
- Kids Cycle Columbus Program - City of Columbus Recreation and Parks' program that recruited CCS students in the summer of 2014. *(Education, Encouragement)*
- Walk Audits - The City of Columbus, The Ohio State University, the Columbus Metropolitan Housing Authority (CMHA), and Near East Side stakeholders' Partners Achieving Community Transformation's (PACT) summer youth program in the summer of 2014. *(Education, Encouragement)*
- Halloween Safety - Safe Kids Central Ohio and Columbus Division of Police in the fall of 2014. *(Education, Encouragement)*
- Parent Surveys – Conducted in the fall of 2013. *(Evaluation)*
- Student Travel Tallies – Conducted in the spring of 2014. *(Evaluation)*

- Reviewed CCS policies related to busing, walking, and bicycling to school – Completed during the 2013-2014 school year. *(Evaluation)*

Grants Awarded

- The Ohio Department of Transportation – SRTS Coordinator
- The Ohio Department of Transportation – STP Development
- The City of Columbus and Columbus City Schools also have received $1,552,812 in SRTS dollars from ODOT for the following infrastructure projects: Rich Street; Dana and Avondale Elementary; Valleyview Elementary and Hague Avenue; and Binns Elementary and Burroughs Elementary Schools.

The Columbus SRTS Program's recommended **Es** are outlined in the infrastructure and non-infrastructure countermeasures in **Section 4.0**: **Issues and Countermeasure.**

## *Local Government Policies, Plans, and Programs*

This section summarizes the local government policies, plans, and programs that impact school travel.

### Local Government Policies

- The City of Columbus does not have a formal policy that requires every new roadway project to be evaluated for pedestrian and bicycle improvements. However, new roadway projects are informally reviewed for pedestrian and bicycle improvements in the initial stages of the planning process by the Department of Public Service.
- The City of Columbus requires the replacement of all storm drain inlets with bicycle-safe inlets during street rehabilitation as dictated in their Standard Construction Drawings.
- The City of Columbus has standards for sidewalk construction in their approved Standard Construction Drawings that address the Americans with Disabilities Act's (ADA) Standards for Accessible Design requirements.

### Local Government Plans

The SRTS and Consultant Team Members reviewed all relevant city and regional plans to incorporate existing recommendations. Additionally, coordination is ongoing with the plans that are being updated. The plans reviewed with their implementation date includes:

- Mid-Ohio Regional Planning Commission (MORPC) *2012-2035 Metropolitan Transportation Plan* (2012)
- *MORPC Regional Bikeway Plan* (2006)
- *MORPC Regional Crash Fact Sheet for 2009-2013* (2014)
- *MORPC Making Strides Pedestrian Best Practices* (2005)
- *MORPC Active Transportation Plan*, under development as part of the *2016-2040 Metropolitan Transportation Plan*, will include pedestrian, bicycle, and transit facilities (2014 - in process of being created)
- *City of Columbus Bicentennial Bikeways Plan* (BBP) (2008), in process of being updated
- *City of Columbus Multimodal Thoroughfare Plan*, under development in tandem with BBP update (2015 – in process of being created)
- *City of Columbus Pedestrian Thoroughfare Plan* (2007)

**Local Government Programs**

The SRTS and Consultant Team Members reviewed all relevant local government programs as they relate to walking and biking.  The list of programs reviewed include:

- The City of Columbus Sidewalk Program - residents are able to petition problem sidewalk locations and get them replaced at standard assessment rates
- The City of Columbus Resurfacing Program - part of the City's capital budget.

# 4.0: ISSUES AND COUNTERMEASURES

This section discusses issues that impact walking and bicycling at Columbus City School (CCS) school buildings and proposes countermeasures for addressing them. The section is divided into three chapters:

- Support for Safe Routes to Schools (SRTS) – includes the plans, policies, procedures, and stakeholder involvement
- Student Safety and Comfort – includes the safety and comfort of students as they walk and bicycle to school
- SRTS Program Sustainability – discusses sustaining the Columbus SRTS Team beyond the creation of the School Travel Plan (STP) and the implementation of the countermeasures

## *Issues*

The issues covered in this section were identified through discussions with the Columbus SRTS Team; Principal Survey responses; Parent Survey responses; Student Travel Tallies; Walk Audits; evaluation of online and written documents detailing City and School District plans; policies, procedures, programs, and evaluation of data provided by the State of Ohio, Mid-Ohio Regional Planning Commission (MORPC), City of Columbus, and CCS.

## *Countermeasures*

A table of related countermeasures follows each issue discussion. The table includes both infrastructure and non-infrastructure countermeasures to emphasize the multi-faceted approach necessary to address the identified issues.

The table includes references, where appropriate, to **Attachment 1**, which provides additional detail on common SRTS countermeasures. An Action Plan which indicates the general schedule and key stakeholders needed for implementing each countermeasure can be found in **Section 5.0: Prioritized Strategies**.

The column heading "Es Addressed" in the below tables indicates which of the 5 Es (Education, Enforcement, Encouragement, Engineering, and Evaluation) are supported by the proposed countermeasure.

## *Priority Corridors*

Due to the geographic extent and number of schools covered, this STP focuses on location-specific issues and countermeasures along *Priority Corridors*. Priority Corridors are defined as routes where the majority of students are currently walking and biking or could potentially walk and/or bike.

The Consultant Team identified Priority Corridors by analyzing the spatial relationship between school locations, student addresses, sidewalks, and pedestrian crossing locations in Geographic Information Systems (GIS). The analysis was limited to a one-mile radius around each school. Decisive factors for this analysis included the presence of sidewalks and signalized locations for crossing streets functionally classified as collectors and/or arterials (i.e. streets that are designed for larger traffic volumes than standard residential streets). The Priority Corridors identified for the CCS schools covered by this STP are included in **Attachment 2** alongside countermeasures aimed at improving walking and bicycling conditions on the corridors.

The three chapters below present issues and countermeasures that do not directly relate to the Priority Corridors either because they are district-wide or because they relate to policies and programming.

### *Support for Safe Routes to School*

This chapter covers issues and countermeasures related to the plans, policies, procedures, and involvement of constituencies whose support is needed to build the CCS SRTS Program and improve conditions for CCS students who engage in active transportation to school. The following pages address the various issues and countermeasures the Columbus SRTS Team will spearhead with the support of the City of Columbus, CCS, students, and parents/caregivers. An active and engaged team, with members from a wide range of agencies and organizations working together, will work together to build the CCS SRTS Program while implementing the prioritized countermeasures. This is detailed in **Section 5.0: Prioritized Strategies**.

**City Support for Safe Routes to School**

Many of the countermeasures recommended in this STP would have to be implemented directly by the City of Columbus or with the City's support and approval. Consequently, this STP's success depends on support from the Office of the Mayor and Columbus City Council; coordination with City agencies, such as the Public Safety, Public Service, and Columbus Public Health; and alignment with the plans, regulations and programs that guide the inspection, maintenance, improvement, and regulation of neighborhood development and City-owned streets. In addition, continued participation from MORPC and the Ohio Department of Health (ODH) on the Columbus SRTS Team will help move the STP into implementation.

**Table 3** provides a list of countermeasures intended to facilitate City support for the CCS SRTS Program and implementation of the countermeasures recommended in this STP.

Table 3: Countermeasures for City Support

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Incorporate the CCS STP into the City's *Multi-Modal Thoroughfare Plan* (currently under development) and *Bicycle Plan* (currently being updated)** by reference or as an appendix to prioritize pedestrian and bicycle improvements near schools, bicycle and pedestrian safety education for children, and other SRTS-related bicycle activities. | All | School/city support |
| **Seek formal adoption of the CCS STP by Columbus City Council.** | All | School/city support |
| **Continue the City's participation on the Columbus SRTS Team.** | All | School/city support |

| | | |
|---|---|---|
| Participation from the Mayor's Office, Columbus Division of Police, Public Health and Public Service Departments in support of the STP's recommendations. | | |
| **Continue MORPC's and the ODH's participation on the Columbus SRTS Team.** | All | School/city support |
| **Invite City leadership, including the Mayor, City Council Members, and Department Administrators to participate in high-profile SRTS-sponsored activities, such as Walk and Bike to School Days.** | All | School/city support |
| **Look for opportunities to include CCS STP infrastructure priorities in planned roadway improvement projects.** | Engineering | School/city support |
| **Identify areas with poor, broken, or missing street lighting with the City of Columbus' Department of Public Utilities.** This will not only improve lighting in certain areas, but also potentially have a positive effect on higher crime locations. | All | School/city support |
| **Work with Columbus Division of Police to obtain access to bicycles in property room to distribute to community-based programs for use or repair, if needed.** | All | School/city support |

**School District Support for Safe Routes to School**

Support from CCS Administration and the Board of Education are critical to continuing and expanding the SRTS program. The Board of Education sets the vision, mission, goals, and priorities for the District. They also establish policies that directly or indirectly influence the environment for walking and bicycling to CCS school buildings.  Policies that could impact this STP's implementation include policies regarding the following topics:

- Student transportation
- Student conduct
- School safety
- Wellness
- Parent involvement
- School building site selection
- School site design and maintenance

CCS Administration implements the Board of Education's visions, goals, and policies through a variety of procedures and practices.

The success of the CCS SRTS Program depends on aligning policies, procedures, and practices at the district-level to support safe walking and bicycling to and from school.  CCS Administration and the Board of Education have already taken several steps in this direction, including participation in *Walk and Bike to School Days, Operation Lifesaver: Rail Safety Education, Adult Crossing Guards*, and installing bicycle racks at all newly renovated schools.

**Table 4** provides a list of countermeasures intended to continue and deepen the District's support for safe walking and bicycling to school.

| Countermeasure | Es Supported | Countermeasure Type |
|---|---|---|
| **Continue providing regular updates to the CCS Board of Education regarding the progress of the SRTS initiative.** | All | School/city support |
| **Obtain CCS Administration's approval of STP.** | All | School/city support |
| **Obtain CCS Board of Education's approval of STP.** | All | School/city support |
| **Request that members of the school board participate in SRTS activities (*e.g.* Walk and Bike to School Days).** | All | School/city support |
| **Amend the CCS Comprehensive School Wellness Policy to encourage walking and bicycling to school (active transportation) as a way for students to obtain regular physical activity and reduce motor vehicle traffic and air pollution near schools.** Educate administrators, principals, and staff about the policy change and implementation expectations. Provide resources and curriculum goals to help with implementation. | Encouragement | School/city support |
| **Identify and task appropriate CCS staff (school nurses, crossing guards, and others) and/or Columbus SRTS Team members to distribute school walking and bicycling maps.** | Encouragement | School/city support |
| **Establish a SRTS presence online.** Columbus Public Health will host the page. This includes: 1) creating a SRTS program webpage and making it easy to find from the homepage; 2) adding the District-wide STP and school-specific STPs to the website as they are completed; 3) adding SRTS content to relevant pages on the website. | Education, Encouragement | School/city support |
| **Review SRTS curriculum guides and determine how to integrate into school day and after-school instruction.** | Education, Encouragement | Non-infrastructure |
| **Annually review the District's and participating Schools' policies to assess if any policies encourage walking and bicycling to school.** | All | School/city support |
| **Develop and implement an Adult Crossing Guard Training Program** that incorporates student safety and walking and bicycling education. | All | School/city support |
| **Incorporate The Ohio Department of Transportation's' SRTS lesson plans into CCS's teachers' professional development activities.** | All | School/city support |

## Local School Support for SRTS

For purpose of this STP, *Local Schools* are defined as school buildings including both neighborhood schools and alternative schools. Local School Administration has influence over the conditions for walking and bicycling in a variety of ways, including but not limited to:

▪ Policies and procedures related to walking and bicycling

- Policies and procedures related to school arrival and dismissal
- Communications with students and parents
- Classroom instruction
- Extracurricular activities
- School-sponsored events
- School Wellness Committees

A number of CCS Local Schools have already taken action to support safe walking and bicycling to school through pedestrian and bicycle safety education; support for Walking School Buses; participation in Walk and Bike to School Days; Operation Lifesaver: Rail Safety Education, Adult Crossing Guards, and installing bicycle racks at renovated schools.

The countermeasures included in **Table 5** are meant to maintain support for the CCS SRTS Program at these schools already taking action and to expand support to additional schools.

**Table 5: Countermeasures for Local School Support**

| Countermeasure | Es Supported | Countermeasure Type |
|---|---|---|
| **Continue cultivating Local School SRTS Champions.** Recruit schools' Wellness Champions to promote SRTS activities. | All | Non-infrastructure |
| **Include an SRTS Champion on the Columbus SRTS Team.** | All | Non-infrastructure |
| **Establish a fund to pay for Local School SRTS materials,** e.g., flyers, signage, whistles, vests, etc. | All | Non-infrastructure |
| **Educate principals at schools that do not permit walking and bicycling regarding liability for walking and bicycling to school.** Principals may be reluctant to encourage walking and bicycling to school due to concerns about liability. | All | Non-infrastructure |
| **Encourage Local Schools to adopt policies supporting safe walking and bicycling to and from school and to inform parents of these policies.** Provide principals and SRTS Champions with guidance regarding how to formulate and communicate these policies. | Education, Encouragement | School/city support |
| **Cultivate formation of Local School SRTS committees.** Provide principals and SRTS Champions with guidance regarding who should be on the committee and how the committee should function. Potentially add SRTS Program implementation to the responsibilities of the Local School wellness committee. | All | Non-infrastructure |
| **Educate principals regarding the academic benefits of physical activity.** | Education | Non-infrastructure |
| **Educate principals regarding the CCS Comprehensive School Wellness Policy and SRTS implementation expectations.** Provide resources and curriculum goals to help with implementation. | Education | Non-infrastructure |
| **Encourage school staff members to model active transportation behaviors.** Tie to staff wellness requirements. | Education, Encouragement | Non-infrastructure |
| **Administer Student Travel Tallies annually.** | Evaluation | Non-infrastructure |
| **Create and distribute information on Columbus SRTS** to school administrators, Parent Teacher Association (PTA) leaders, leaders, Columbus Council of PTAs, neighborhood groups, and parent volunteer groups. | Education, Encouragement | Non-infrastructure |

| Countermeasure | Es Supported | Countermeasure Type |
|---|---|---|
| **Create a Green Club** to educate students on the connection between active transportation and the environment. | Education, Encouragement | Non-infrastructure |
| **Recruit middle school and high school ambassadors to volunteer with walking and bicycling programs at Local Schools.** The older students could earn community service hours for their participation. | Education, Encouragement | Non-infrastructure |
| **Work with principals to create Active Transportation Field Trips,** by using bicycles instead of buses for field trip transportation. | Education, Encouragement | Non-infrastructure |

**Parent and Caregiver Support for SRTS**

Parent and caregiver support is crucial for SRTS program success. Parents and caregivers decide how children get to and from school, model pedestrian and bicycle behaviors, and influence the travel environment near schools by following (or failing to follow) traffic laws and arrival/dismissal procedures. Parents and caregivers may understand the barriers to walking and bicycling to school better than school or district staff, and are often the ones who plan and implement SRTS activities.

The Columbus SRTS Coordinator has given presentations to parents and caregivers at back-to-school events and PTA meetings. The program has also encouraged parents and caregivers to participate in Walk and Bike to School Day events and provide feedback regarding barriers to walking and biking through *The National Center for SRTS' Parent Survey*.

The CCS SRTS Program recognizes the importance of enlisting parent and caregiver support and understanding their concerns. As outlined in **Section 2.0: Public Involvement**, the top issues parents identified in the Parent Survey affecting their decision to allow their child to walk to or from school were:

- Violence/crime (68%)
- Distance (66%)
- Weather/climate (58%)
- Speed of traffic along route (55%)
- Amount of traffic along route (54%)
- Safety of intersections and crossings

In the parent comments, the top issues were crime and safety concerns – with registered sex offenders along routes to school mentioned specifically several times; distance from school; age of students; bullying; and lack of lighting were other non-infrastructure concerns.

**Table 6** includes countermeasures that will continue to build parent and caregiver support.

Table 6: Countermeasures for Building Parent and Caregiver Support

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Columbus SRTS Team to provide guidance to Local Schools on how to involve parents in the SRTS programming and communicate with parents regarding pedestrian and bicycle safety issues.** | All | Non-infrastructure |

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Continue making presentations at back-to-school events, PTA meetings and others.** Encourage inclusion of parents and caregivers on Local School SRTS Committees. | Education | Non-infrastructure |
| **Add a PTA and/or parent volunteer representative on the Columbus SRTS Team.** | All | Non-infrastructure |
| **Send parents recorded voicemails from CCS's Superintendent.** Voicemails might address SRTS activities, pedestrian/bicycle safety, pedestrian/bicycle policies, and other SRTS-related issues. | Education, Encouragement, Enforcement | Non-infrastructure |
| **Provide parents with an informational flyer or email about the Columbus SRTS Program and what they can do to support it.** | Education | Non-infrastructure |
| **Conduct The National Center for Safe Routes to School's Parent Survey annually.** | Evaluation | Non-infrastructure |
| **Create and distribute information on SRTS** to school administrators, PTA leaders, Columbus Council of PTA's, neighborhood groups, and parent volunteer groups. | Education, Encouragement | Non-infrastructure |
| **Work to implement *CCS's Learn and Live In Peace*, anti-bullying program, in K-8 schools throughout the District.** Documents like the *National Center for Safe Routes to School's "Personal Security and Safe Routes to School"* also can help with guidance on this. | Education, Encouragement | Non-infrastructure |

### *Student Safety and Comfort*

This chapter covers issues and countermeasures related to the safety and comfort of CCS students as they walk and bicycle to school. An Action Plan, which indicates the general schedule and key stakeholders needed for implementing each countermeasure, can be found in **Section 5.0: Prioritized Strategies.**

### Pedestrian and Bicycle Safety Education

Young children may have difficulty judging the speed of cars, when it is safe to cross a street, where to position themselves on the sidewalk while waiting to cross, and how to walk along the road. Pedestrian and bicycle infrastructure (e.g. crosswalks and bike lanes) are most effective when everyone understands the rules of the road and uses facilities as they are intended. Pedestrian and bicycle infrastructure makes it easier to predict each other's movements and make decisions that keep everyone safe. Parents who are confident that their children have the skills needed to make smart decisions are more likely to encourage walking and biking to school.

Safe walking and biking behavior comes from repeated skill practice rather than intuition. Pedestrian and bicycle safety skills can be introduced as early as Kindergarten and develop throughout a child's school career. Middle school, high school, and college students can serve as role models for younger students, and can help communicate pedestrian and bicycle safety messages.

The CCS SRTS Program has initiated several programs that address pedestrian and bicycle safety education as outlined in **Section 2.0: Public Involvement**. Sixteen percent of principals surveyed responded that they were currently implementing pedestrian safety education at their school and 7%

said they were currently implementing bicycle safety education. Interest in pursuing pedestrian and bicycle education in the future was higher, with 44% of principals indicating they would like to implement pedestrian safety education in the future, and 41% of survey responses saying they would like to implement bicycle safety education in the future.

The countermeasures recommended in **Table 7** are aimed at continuing and expanding pedestrian and bicycle safety education efforts throughout the District.

**Table 7: Countermeasures for Pedestrian and Bicycle Safety Education**

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Implement** *ODOT's "Every Move You Make, Make It Safe" Campaign* to educate students (and parents) about the proper ways to walk and bicycle to school, as well as the benefits of doing so. | Education, Encouragement | Non-infrastructure |
| **Add pedestrian safety into CCS physical education (PE) curriculum,** using *Safe Kids Central Ohio programming.* | Education, Encouragement | Non-infrastructure |
| **Determine how to integrate SRTS Curriculum Guides into school day and after-school programming** (YMCAs, CCS latch key, before- and after-school care)**.** | Education, Encouragement | Non-infrastructure |
| **Continue to provide** *Operation Lifesaver Railroad Safety* **education in classrooms and to parents at targeted schools.** | Education, Encouragement | Non-infrastructure |
| **Add Operation Lifesaver resource materials and links to the CCS Wellness Initiative website.** | Education, Encouragement | Non-infrastructure |
| **Host** *Fix-it Events* **at schools, where students can bring their bike to school and have it checked for safety and for minor repairs with a local bike co-op.** Consider incorporating into Central Ohio School Bus Rodeo. | Education, Encouragement | Non-infrastructure |
| **Establish a monthly walk and bicycle to school day.** | Education, Encouragement | Non-infrastructure |
| **Identify community-based programs that promote safe walking and bicycling to school and share with K-8 principals.** | Education, Encouragement | Non-infrastructure |
| **Add a Columbus Safe Routes to School link on CPH's Wellness Initiative web page**, link to the page from CCS's website, City of Columbus' Department of Public Service's website, and MORPC's website. | Education, Encouragement | Non-infrastructure |
| **Work with CCS and Columbus Division of Police to analyze locations of crossing guards at key student crossing locations to determine if relocations or additional guards are needed.** | Education, Encouragement | Non-infrastructure |
| **Add a bike rodeo, bike safety and helmet fitting techniques to the CCS PE curriculum**, including for students with disabilities. | Education, Encouragement | Non-infrastructure |
| **Work with** *Yay Bikes!* **to create a youth** *How We Roll* **program.** Host either after-school or on weekend days to encourage parent/ guardian participation. Program would include: bike safety, bike maintenance, street riding skills, and exploring the city by bike. | Education, Encouragement | Non-infrastructure |
| **Pilot a** *Kidical Mass* **program**.  A regularly scheduled bike ride with students and families through a neighborhood near a school. | Education, Encouragement | Non-infrastructure |

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Identify 2 middle school(s) to pilot Consider Biking's *Girls in Gear***, A Girl-specific youth empowerment program. First priority should be Health Impact Assessment (HIA) Focus Schools. | Education, Encouragement | Non-infrastructure |
| **Identify schools to document students' bicycling and walking stories through writing activities and/or videos.** | Education, Encouragement | Non-infrastructure |
| **Create and distribute information on Columbus SRTS** to school administrators, PTA leaders, neighborhood groups/ civic associations and parent volunteer groups, present at Principals' Meeting. | Education, Encouragement | Non-infrastructure |
| **Train administrators, parents, volunteers, and educators on how to start a Walking School Bus Program** at their school by customizing MORPC's or Toledo's Walking School Bus Tool Kit. | Education, Encouragement | Non-infrastructure |
| **Educate principals regarding the academic benefits of physical activity.** | Education, Encouragement | Non-infrastructure |
| **Establish a monthly walk and bicycle to school day**; incorporating competitions between schools or district-wide. | Education, Encouragement | Non-infrastructure |
| **Work with CCS to add a *People-Powered Parade* to the National Children's Day celebration.** SRTS could provide helmets and bike light, stickers for bikes, offer minor bike repairs and tune-ups, and distribute SRTS maps. National Children's Day is generally in early June. | Education, Encouragement | Non-infrastructure |
| **Develop and implement a pilot middle school mentoring program** where older students walk and bicycle to school with younger students and teach basic bike safety. | Education, Encouragement | Non-infrastructure |
| **Develop and implement a pilot *Neighborhood Field Guide* mapping program** where students draw on maps of their neighborhood to illustrate issues and recommend improvements. | Education, Encouragement | Non-infrastructure |
| **Create and distribute a video about the health benefits of walking and bicycling to school**. | Education, Encouragement | Non-infrastructure |

**On-Campus Pedestrian and Bicycle Accommodations**

The school campus is the final destination for all trips to school and the starting point for all trips from school. Consequently, the presence or absence of appropriate on-campus pedestrian and bicycle accommodation can have a significant impact on the safety and comfort of student walkers and bikers, which can also influence the number of students who walk and bicycle. Sixty percent of principals indicated that their school currently has at least one bicycle rack.

Common issues associated with pedestrian and bicycle accommodations on school campuses include:

- Campus sidewalk/path system does not provide convenient, comfortable and/or accessible connections to off-campus sidewalks and paths
- Marked crosswalks are not provided at locations where the campus sidewalk/path system intersects school driveways and parking lots

- No bicycle racks are provided or existing bicycle racks are difficult to use, in poor repair, not in a secure location, and/or not protected from rain and snow
- Driveways and curb radii are wider than necessary to accommodate cars and busses, increasing pedestrian crossing distances and exposure to traffic

The countermeasures recommended in **Table 8** are aimed at ensuring appropriate pedestrian and bicycle accommodation on CCS campuses.

Table 8: Countermeasures for Pedestrian and Bicycle Accommodation

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Provide bicycle racks at all schools that are easy to use, in good repair, in a secure location, and, if possible, protected from rain and snow.** | Engineering | Infrastructure |
| **Provide pedestrian pathways between school entrances, sidewalks, and pathways adjacent to school properties.** | Engineering | Infrastructure |
| **Provide crossing facilities at locations where pedestrian pathways intersect school driveways and parking lots.** | Engineering | Infrastructure |

**Driver Awareness of School Zones**

The school zone is generally referred to as the roadway(s) adjacent to the school within a one to two block radius. Drivers from outside of the local community may be unaware when they are driving through a school zone and may not exercise appropriate caution, including moderating speed and looking out for student pedestrians and bicyclists. School zone signs and markings help increase awareness of the school zone and communicate the need for special care and attention.

Sixty percent of respondents to the CCS Principal Survey reported that school zone signs were used to identify their school's school zone. Additionally, 56% reported that flashing beacons were used for this purpose, and 21% reported having 'SCHOOL' pavement markings. One school reporting using speed feedback signs to complement their school zone signage.

The Ohio Revised Code establishes a 20-mile per hour speed limit for school zones during school arrival and dismissal. The Ohio Manual of Uniform Traffic Control Devices (OMUTCD) establishes standards and guidelines for school zone signs and markings.

The countermeasures recommended in **Table 9** are aimed at increasing awareness of the school zone.

Table 9: Countermeasures to Increase School Zone Awareness

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Add school zone signage and markings as needed.** | Engineering | Infrastructure |
| **Install flashing school zone beacons and speed feedback signs as needed.** | Engineering | Infrastructure |
| **Update existing school zone signage and markings to meet new Ohio MUTCD standard.** | Engineering | Infrastructure |
| **Provide parents with information regarding driver and pedestrian safety within the school zone.** | Education | Non-Infrastructure |

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Collaborate with property owners in school zones or along priority corridors to install yard signs warning drivers to moderate their speed and look out for student pedestrians and bicyclists.** The signs might incorporate a CCS SRTS Program logo designed by students. | Education | Non-Infrastructure |
| **Install community signage promoting SRTS.** Consider a student art contest to design the signs. Also could be installed along priority corridor routes | Education, Encouragement | Non-infrastructure |
| **Distribute school walking and bicycling maps to all students at the beginning of each school year.** This will not only allow parents to know the best routes for their children to take, it will also make them aware of where other students may be walking and bicycling. | Education, Encouragement | Non-infrastructure |

**Driver Behaviors**

Today's drivers are often eating, using phones or other devices, and operating various buttons within their vehicles; all while traveling at speeds sometimes higher than the posted speed limits. They may be distracted, which puts pedestrians and other motorists at risk. A driver typically needs nearly 200 feet to stop a vehicle moving at just 30 MPH. Driving distracted significantly reduces the driver's reaction time, which is particularly critical if drivers are traveling at high speeds.

Traffic speeds along routes to school are a major concern for CCS parents and students. Fifty-five percent of parents who responded to the Parent Survey and whose children currently do not walk or bicycle to school reported that the "speed of traffic" affected their decision. In addition, 25% of principals ranked "speed of traffic along key student walking and bicycling routes" as one of the top three barriers at their school to walking and bicycling to and from their school.

The odds of a pedestrian dying in a collision with a motor vehicle increase dramatically with vehicular speeds. For example, a pedestrian hit by a vehicle traveling at 20 MPH has 95% chance of survival, while a pedestrian hit by a vehicle traveling 40 MPH has only a 15% chance of survival.

The countermeasures recommended in **Table 10** are aimed at encouraging and enforcing safe driver behaviors near CCS schools.

**Table 10: Countermeasures to Encourage and Enforcing Safe Driver Behaviors**

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Implement traffic calming measures (traffic circles, chicanes, speed humps, road diets, etc.) at problem locations, where feasible.** | Engineering | Infrastructure |
| **Research any current Speed Study results and conduct speed studies at locations where speeding is suspected or identified as a concern.** | Enforcement | Non-infrastructure |
| **Install speed feedback signs at problem locations.** | Enforcement | Non-infrastructure |
| **Encourage CCS parents and high school students to sign a pledge that they will avoid distracted driving, drive at a safe speed, and abide by traffic laws, especially during school arrival and dismissal times.** | Education | Non-infrastructure |

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Establish a district-wide speed reduction and/or "No Phone Zone" campaign.** | Education, Enforcement | Non-infrastructure |
| **Help schools start a *Neighborhood Pace Car Pledge Program*** – a driver safety and awareness program that improves traffic safety around schools and in neighborhoods by encouraging parents and members of the community to obey the speed limit and drive safely around pedestrians and bicyclists. Parents who sign a pledge receive a car decal or magnet. | Education, Enforcement | Non-Infrastructure |

**Volume of Vehicular Traffic along Student Walking and Biking Routes**

The volume of traffic along student walking and biking routes is a significant concern for parents of CCS students. Fifty-four percent of parents who responded to the Parent Survey, and whose children currently do not walk or bicycle to school, reported that the "amount of traffic" affected their decision. Fourteen percent of principals ranked "volume of traffic along key student walking and bicycling routes" as one of the top three barriers at their school to walking and bicycling to and from their school.

Traffic volumes along walking and biking routes present several challenges for student pedestrians and bicyclists. High traffic volumes make it difficult for students to cross the street, even with pedestrian signals and other crossing assistance devices. This can be worrisome for parents of elementary-aged children, knowing that the students are still learning how to judge the speed of cars and how to cross within the sight of cars. High-traffic volumes also contribute to the perception of the street as a place dominated by automobiles and unsafe for pedestrians and bicyclists.

Studies by the Safe Routes to School National Partnership show that 10-14% of morning traffic is school-related. One of the best ways to reduce traffic congestion may be to encourage families traveling to and from school to substitute car trips with walking and biking trips. This can initiate a virtuous cycle, whereby more students walking and biking to school results in lower traffic volumes along school walking and biking routes, which further increases the attractiveness of walking and biking. Other strategies for reducing traffic volumes along student walking and biking routes include encouraging carpools, remote drop-off locations, or bus hubs where students are dropped off at locations within walking distances of the school. These strategies have the benefit of dispersing traffic around the school rather than concentrating it immediately around the campus. This may also reduce transportation costs for the District.

The countermeasures recommended in **Table 11** are aimed at reducing traffic volumes along student walking and biking routes.

**Table 11: Countermeasures to Reduce Traffic**

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Continue at least one district-wide education/encouragement event every quarter.** | Education, Encouragement | Non-infrastructure |
| **Establish a monthly Walk and Bike to School Day, such as Walking or Biking Wednesdays.** Identify possible remote drop-off and pick- up locations at pilot schools. | Education, Encouragement | Non-infrastructure |

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Enable school bus drivers to drop-off/pick-up students at remote locations on designated Walk and Bike to School Days.** | Encouragement | Non-infrastructure |
| **Encourage and facilitate carpooling,** use *MORPC's School Pool* program as a resource. | Encouragement | Non-infrastructure |
| **Establish remote drop-off/pick-up locations and/or bus hubs.** | Encouragement | Non-infrastructure |
| **Establish a CCS-Sponsored *Mileage Club or Contest* that includes** pedometers for students to track their mileage**.** | Encouragement | Non-infrastructure |

**Student Safety and Comfort at Intersections and Crossings**

Throughout the City of Columbus, many of the primary and secondary roadways have been designed with motorists in mind. In fact, the primary consideration is generally the efficient movement of motorists that in most instances warrants wider roadways with multiple lanes and limited pedestrian crossing cycles at signalized intersections. Several of these roadways were designed to accommodate higher volumes of traffic than the roadway currently experiences. Because of the size of the roadway compared to the volume of traffic, vehicles tend to travel at higher speeds than what are posted, which can impact the safety of the crossing for all pedestrians. Additionally, the wider the streets are, the more difficult it is for children to safely cross. This is especially true for young pedestrians, who cross at a slower pace than adults, and do not have the same awareness of traffic as adults.

Vehicular traffic is only part of the issue. Students are generally driven to their destinations (school, errands, entertainment, etc.) and do not take many walking trips with their families. As a result, they have fewer opportunities to practice safe crossing skills at intersections and crossings with adult supervision. Creating a consistent, structured traffic safety curriculum is a key countermeasure recommended in this STP.

Safety at intersections and crossings is a key concern for CCS parents. Fifty-four percent of CCS parents who responded to the Parent Survey, and whose children currently do not walk or bicycle to school, reported that the "safety at intersections and crossings" affected their decision. In addition, 30% of principals ranked "safety at intersections and crossings" as one of the top three barriers to walking and bicycling to and from their school.

Safety at intersections and crossings was also a primary consideration in the development of Priority Corridors for CCS. The design and simplicity of the crossing was considered important for children's safe passage. The development of safe and accessible crossings for children is guided by several key principles including: the need to establish or identify good crossing locations; reduce crossing distances; provide crossings that are direct so that children with visual impairments can easily navigate them; use appropriate traffic controls, such as marked crosswalks, traffic signals, and warning signs or flashers; and slow motor vehicle speeds.

The countermeasures recommended in **Table 12** are aimed at creating safer and more accessible crossings.

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Work with CCS and the Columbus Division of Police to analyze locations of crossing guards at key student crossing locations to determine if relocations or additional guards are needed.** | Enforcement | Non-infrastructure |
| **Implement traffic calming measures at key student crossing locations to reduce motor vehicle speeds and encourage yielding.** | Engineering | Infrastructure |
| **Install median crossing islands where appropriate.** | Engineering | Infrastructure |
| **Reduce pedestrian crossing distance where appropriate.** | Engineering | Infrastructure |
| **Mark and sign crosswalks at key student crossing locations.** | Engineering | Infrastructure |
| **Install pedestrian countdown signals to provide pedestrians with a better understanding of the time remaining for crossing, where appropriate.** | Engineering | Infrastructure |
| **Establish leading pedestrian intervals to reduce conflicts between pedestrians and turning vehicles where appropriate.** This traffic signalization strategy assigns the pedestrian(s) an exclusive three- to five-second signal to begin crossing the street before cars are given a green light. | Engineering | Infrastructure |
| **Implement *no right turn on red* restrictions to reduce conflicts between pedestrians and turning vehicles where appropriate.** | Engineering | Infrastructure |
| **Mark stand back lines at crossings as a visual cue to students regarding where to stand while waiting to cross.** | Engineering | Infrastructure |

**Student Safety and Comfort along the School Route**

A common barrier to walking or biking to school is the lack of a safe, convenient, and accessible route to school. Students may live within walking distance of a school (typically one mile or less for elementary school students); however, due to traffic conditions and the lack of convenient routes with continuous sidewalks or paths, parents will drive their children to school rather than allow them to walk and bike. Lacking safe, convenient, and accessible routes is especially an issue for many CCS students that live within a 2-mile radius of their school, as CCS does not typically provide busing to those students. If parents cannot identify a safe and convenient route for their child to use, often they will choose to drive them instead. This increases traffic congestion around schools and deprives students of the benefits of walking and biking to school.

Although there are sidewalks along most streets in Columbus, locations where sidewalks are missing, inaccessible, or in poor repair can be a significant barrier for student walkers and bikers. Approximately 22% of parents who responded to the Parent Survey, and whose children currently do not walk or bicycle to school, reported that "sidewalks and pathways" affected their decision. In addition, 18% of principals ranked "lack of sidewalks or pathways" as one of the top three barriers at their school to walking and bicycling to and from their school.

The availability of bicycle facilities, such as bicycle lanes and multi-use paths, on the route to school can be an important consideration when accommodating students who ride bikes to school.

One issue that is often overlooked for student routes to school is lighting. For several months of the year, students are leaving their homes before the sun rises. Some students leave after-school activities during the dark hours after the sun sets. Visibility is a key safety issue. Therefore, lack of pedestrian-scale lighting can be a deterrent for many families to allow their children to walk or bike to school. The absence of lighting can also make a route seem uninviting and insecure. Even when lighting is provided, it is important to teach students how to safely walk and bike during dark hours. This includes wearing bright and reflective clothing, carrying flashlights, and being extra cautious when crossing the street. Providing pedestrian-scale lighting, and teaching students how to safely travel during dark and dusk hours, will make the routes safer for all users. The City of Columbus owns all of the lights along city streets.

There are additional benefits to improving walking and biking routes to school. When schools are located in neighborhoods, often the streets that students take to school are the streets that others take to work, to run errands, or visit friends. All community members will benefit from new or improved sidewalks, multi-use paths, bike lanes, and street lighting. These facilities create safe places for everyone to walk and bike, and they also remind drivers that pedestrians and bicyclists are likely to be present and deserve a place in the greater transportation network.

The countermeasures recommended in **Table 13** are aimed at creating safe, convenient, and accessible routes to school.

Table 13: Countermeasures to Improve Routes to School

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Incorporate the CCS STP into the City's Multi-Modal Thoroughfare Plan (currently under development) and Bicycle Plan (currently being updated)** by reference or as an appendix to prioritize pedestrian and bicycle improvements near schools, bicycle and pedestrian safety education for children, and other SRTS bicycle activities. | All | City, School District Support |
| **Work with the City of Columbus' Department of Public Service to investigate locations along school walking routes where sidewalks are in poor condition.** | Engineering | City, School District Support |
| **Identify areas with poor, broken, or missing street lighting with City of Columbus' Department of Public Utilities.** This will not only improve lighting in certain areas, but also potentially have a positive effect on higher crime locations. | All | City, School District Support, City, School District Policies |
| **Schedule and promote ODOT-sponsored *Walking School Bus Training* in Columbus, Ohio.** | Education | Non-infrastructure |
| **Establish Walking School Bus Program. Use ODOT's *Walking School Bus Kit* as a training tool.** See **Appendix C** for a list of schools that have indicated an interest in walking school buses. | Encouragement, Education | Non-infrastructure |
| **Establish *Bike Train Program*.** Train parents and educators about starting Bike Trains at their school. Use International Bike to School Day events to develop and implement bike trains at schools. | Encouragement, Education | Non-infrastructure |
| **Continue encouraging school SRTS Champions to attend ODOT-sponsored Walking School Bus Trainings.** | Education | Non-infrastructure |

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Partner with local high schools to participate in Walking School Buses as a community service project.** | Education, Encouragement | Non-infrastructure |
| **Educate administrators and families on how a Walking School Bus Program can alleviate concerns through School Parent Teacher Associations (PTA's), principal meetings, school events, and other forums.** | Encouragement, Education | Non-infrastructure |
| **Teach parents to talk to their children about personal safety using a child abuse prevention program.** Research an evidence-based program to use, consider *Darkness to Light's Stewards of Children program.* | Encouragement, Education | Non-infrastructure |
| **Collaborate with local public and commercial television stations, local radio stations and high school students to create PSAs regarding the importance of keeping walkways and driveways clear of ice and snow.** | Encouragement, Education | Non-infrastructure |
| **Create a *Sidewalk Brigade Program* for middle school and high school students to clear routes to school and earn community service hours.** | Encouragement, Education | Non-infrastructure |
| **Plan and implement International Walk and Bike to School Day events.** | Encouragement, Education | Non-infrastructure |
| **Add Walk and Bike to School Day resources and links to the CCS Wellness Initiative website.** | Encouragement, Education | Non-infrastructure |

**Arrival and Dismissal Procedures**

Finding the best process for both morning arrival and afternoon dismissal is a challenge. Ideally, the processes are safe, orderly, efficient, and convenient for everyone. Sometimes, these processes result in traffic congestion caused by family vehicles waiting to pick-up or drop-off students. If the campus and school zone appear crowded and chaotic, parents are less likely to encourage students to walk or bike to school. Conversely, the less crowded and chaotic the campus and school zone appear during arrival and dismissal times, the more likely parents are to encourage walking and bicycling.

Approximately 66% of principals said their school's arrival and dismissal processes were "excellent" or "good" for pedestrians and bicyclists. However, 19% of respondents gave their arrival process a "fair" or "poor" rating, and 25% of respondents described their dismissal process as "fair" or "poor" for pedestrians and bicyclists. Even though most respondents indicated that their arrival and dismissal processes worked well, over half (55%) said they were interested in receiving expert advice on how to improve their arrival and dismissal processes.

Arrival and dismissal procedures should address how student pedestrians and bicyclists safely maneuver through the mix of school buses and family vehicles on the school campus. Differences in the design of school campuses are the most difficult challenge for establishing safe and effective arrival and dismissal procedures. For some schools, the problem might stem from a lack of queuing space on campus. At others, the main issue might be timing how students access and exit the campus by travel mode. The CCS SRTS Program appreciates that there is not a one-size-fits-all solution for arrival and dismissal; however, there are issues that schools likely have in common, such as traffic congestion.

The countermeasures recommended in **Table 14** are aimed at improving arrival and dismissal processes addressing these common issues.

**Table 14: Countermeasures to Improving Arrival and Dismissal Processes**

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Utilize AAA's *Student Safety Patrol Program* to help facilitate arrival and dismissal processes on school grounds.** | Education, Enforcement | Non-Infrastructure |
| **Develop and distribute an arrival and dismissal best practices document.** Among other things, this document should suggest district-wide policies, such as dismissing walkers and bikers earlier than bus and car riders to avoid conflicts between walkers and bicyclists and motor vehicle traffic and to provide added encouragement for walking and bicycling. | Education | Non-infrastructure |
| **Provide direct assistance on arrival and dismissal procedures to schools that request it.** | Education | Non-infrastructure |
| **Conduct individual arrival and dismissal audits at schools with known issues.** This will help identify the issues that need to be addressed at each school and come up with individualized solutions. | Education, Encouragement | Non-infrastructure |

**Adult Supervision**

Parents generally appreciate the benefits of walking and biking to school. They recognize that walking and biking are healthy activities that children enjoy. While many parents would consider allowing their children to walk or bike to school, a key barrier may be the lack of adult supervision.

Eighteen percent of parents who responded to the Parent Survey, and whose children currently do not walk or bicycle to school, reported that "adults to walk and bike with" affected their decision to not let their child bike or walk to school. In addition, 12% of principals ranked "lack of adult supervision" as one of the top three barriers at their school to walking and bicycling.

The CCS SRTS Program understands that while many parents cannot commit to walking or biking with their children to and from school every day, they may be able to take a morning or afternoon trip once a week. Therefore, if students could walk or bike in groups with a rotating adult leader more students could have the opportunity to walk or bike to school more often.

The countermeasures recommended in

**Table** 15 are aimed at initiating and organizing adult-led walking and biking groups. Adult leaders can include parents, grandparents, or even high school students working on community service projects.

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Work with ODOT to schedule Walking School Bus Training in Columbus.** Encourage local SRTS champions to attend. | Education | Non-infrastructure |
| **Create Walking School Bus Program.** (Toledo SRTS and MORPC have WSB toolkits) | Education, Encouragement | Non-infrastructure |
| **Encourage school SRTS champions to attend ODOT-sponsored Walking School Bus Trainings.** | Education | Non-infrastructure |
| **Partner with local high schools to participate in Walking School Bus Programs as a community service project.** | Education, Encouragement | Non-infrastructure |
| **Start a "Corner Captains" program district-wide.** Corner Captains are adults who volunteer to provide an extra set of eyes along common school routes, making the environment around schools safer for students. | Education, Encouragement | Non-infrastructure |
| **Start an "Eyes on the Street" program district-wide.** Eyes on the Street can increase visibility by purposely encouraging residents to actively observe their neighborhood. | Education, Encouragement | Non-infrastructure |
| **Increase the law enforcement presence around all school sites before- and after- school.** | Encouragement, Enforcement | Non-infrastructure |
| **Educate parents and caregivers about benefits of active transportation including academic, health, and traffic safety.** | Education, Encouragement | Non-infrastructure |

**Personal Security**

Personal security concerns can be a critical barrier for students who want to walk or bike to school. Children deserve to feel safe on their routes to and from school. When implementing an SRTS program, it is important to address both actual and perceived safety issues. If parents believe that a school route poses a threat to personal security, it is unlikely that they will allow their child to walk or bike to and from school.

Personal security is the top concern for CCS parents who are considering whether to allow their children to walk and bike to and from school. Sixth-eight percent of parents who responded to the Parent Survey and whose children currently do not walk or bicycle to and from school reported that the "violence" affected their decision. In addition, 15% of principals ranked "concern about violence or crime" as one of the top three barriers at their school to walking and bicycling to and from their school.

Issues related to personal security cover a wide range of topics that affect the environment inside the school as well as along the school routes. These issues can include bullying, violent crime, abduction, human trafficking, and gang activity.

At a policy level, CCS addresses the issue of personal security while walking and bicycling to and from school through its district-wide Code of Student Behavior. The Code requires students to: "obey laws, respect other people and other people's property." Violations are considered, "Level 3 behaviors and if violated require a Mandatory Recommendation for Expulsion and the implementation of corrective strategies."

The countermeasures recommended in **Table 16** are aimed at alleviating parents' concerns and improving personal security for CCS students as they walk or bike to and from school.

**Table 16: Countermeasures for Improve Personal Security**

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Partner with law enforcement on targeted security efforts.** | Enforcement | Non-infrastructure |
| **Teach parents to talk to their children about personal safety using a child abuse prevention program.** Consider D*arkness to Light's Stewards of Children* program. | Education, Encouragement | Non-infrastructure |
| **Educate administrators and families on how a Walking School Bus Program can alleviate this safety concern through School Parent Teacher Associations (PTA's), principal meetings, school events, and other forums.** | Education, Encouragement | Non-infrastructure |
| **Work with local Block Watch groups.** | Encouragement | Non-infrastructure |
| **Work with the City to identify areas with poor, broken, or missing street lighting.** This will not only improve lighting in certain areas, but also potentially have a positive effect on higher crime locations. | Engineering, Enforcement | City, School District Support |
| **Expand the local *Linden Porch Parents* program with a *Safe Porches* program pilot, starting with HIA Focus Schools.** | Education, Encouragement, Enforcement | Non-infrastructure |

### SRTS Program Sustainability

This chapter covers issues and countermeasures associated with sustaining the Columbus SRTS Team and implementing the recommendations in this STP. Sustainable SRTS programs are more likely to attain the desired goals and objectives. The infrastructure and non-infrastructure countermeasures identified in this STP may take several years to implement. Education, Encouragement, Enforcement, and Evaluation strategies must often be implemented continuously in order to be effective. It may take some time for key messages to resonate within school and community populations that are in a constant state of flux. This is why creating a sustainable structure for an SRTS program is so important.

Countermeasures for creating a sustainable SRTS program are included in **Table 17**.

**Table 17: Countermeasures for a Sustainable SRTS Program**

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Continue employing a full-time SRTS Coordinator.** | All | City, School District Support |
| **Recruit new Columbus SRTS Team members.** Include Local School SRTS Champions and parent/PTA representatives. | All | Non-infrastructure |
| **Establish a calendar.** Create an annual calendar of SRTS activities for the District. Determine where and how frequently the Columbus SRTS Team will meet. Include a timeline for evaluations, which should occur at least annually. | All | Non-infrastructure |

| Countermeasure | Es Addressed | Countermeasure Type |
|---|---|---|
| **Identify a Countermeasure Lead(s) from the Columbus SRTS Team to be responsible for implementation of high-priority countermeasures as seen in Table 18 in Section 5.0: Prioritized Strategies.** | All | Non-infrastructure |
| **Monitor and evaluate.** Establish measurable goals and conduct regular reviews to determine the progress toward meeting them. | Evaluation | Non-infrastructure |
| **Build staffing capacity to assist in CCS SRTS Program design and implementation.** | All | Non-infrastructure |
| **Identify potential funding sources for high-priority projects and programs.** | All | Non-infrastructure |
| **Identify stakeholders and keep them informed about CCS SRTS Program implementation.** Stakeholders are people who should be consulted when planning and implementing a SRTS program but may not necessarily contribute in an active way. Potential stakeholders include residents and business owners with properties adjacent to proposed improvements, as well as elected and appointed officials. | All | Non-infrastructure |
| **Purchase special event materials, such as a tabletop exhibit, pop-up banner, or booth.** | All | Non-infrastructure |
| **Further develop Walking School Bus and Bike Train Programs by hiring a part-time coordinator** and obtaining funding for stipends for Walking School Bus leaders at schools. | Education, Encouragement | Non-infrastructure |
| **Partner with active transportation advocacy groups to seek additional program funding.** | All | Non-infrastructure |
| **Conduct pre- and post-program surveys to measure effectiveness of various programs.** | Evaluation | Non-infrastructure |
| **Conduct peer-to-peer student surveys to measure effectiveness of various programs.** | Evaluation | Non-infrastructure |
| **Conduct research using a test school and a control school to support the hypothesis that a year of consistent SRTS programming results in students' improved academic performances.** | Evaluation | Non-infrastructure |

# 5.0: PRIORITIZED STRATEGIES

This Section includes an Action Plan for implementing the countermeasures recommended in **4.0: Issues and Countermeasures**. The recommended countermeasures are for planning purposes only and may require further analysis, design, and public input prior to implementation. The Action Plan brings together key information for the implementation of each countermeasure, including:

- A brief description of the countermeasure
- The priority of the countermeasure
- The expected timeframe for implementation of the countermeasure
- The estimated cost of the countermeasure and potential sources of funding for implementation (non-infrastructure and infrastructure countermeasures only)
- The schools affected (non-infrastructure and infrastructure countermeasures only)
- The Columbus SRTS Team member or committee responsible for overseeing countermeasure implementation
- Potential partners (non-infrastructure countermeasures only)
- The existing status of the countermeasure including *pending implementation, currently being implemented,* or *implementation is complete*

The Action Plan is divided into three Tables: **Table 18: Countermeasures Addressing School and City Policies; Table 19: Non-Infrastructure Countermeasures; and Table 20: Infrastructure Countermeasures.** It should be noted that the Columbus Safe Routes to School (SRTS) Team will update the details of these Tables as appropriate to reflect changes in countermeasure status; Columbus SRTS Team priorities; and available human, financial, and material resources.

*Notes on Prioritization, Timeframes, and Estimated Cost*

A key purpose of the Action Plan is to communicate information about the priority and timeframe (or sequencing) of each countermeasure. The following chapters provide information on how priorities and timeframes were assigned.

**Notes on Prioritization**

The Action Plan distinguishes "high" priority countermeasures from other countermeasures. The Columbus SRTS Team prioritized the recommended school/city policy countermeasures and non-infrastructure countermeasures based on the following criteria:

- Feasibility and estimated costs
- Alignment with the Columbus SRTS Team vision and goals for this STP
- The Columbus SRTS Team prioritized recommended infrastructure countermeasures with a prioritization matrix that included the following factors:

- *Pedestrian and bicycle potential* (including proximity to a priority corridor and proximity to K-8 schools)
- *Pedestrian and bicycle deficiency* (including sidewalks, high-speed/high-volume roads, and crashes involving pedestrians or bicyclists)
- *Support* (including Local School participation in SRTS-related activities such as International Walk to School Day, bicycle and pedestrian safety education, and priorities identified by the Columbus SRTS Team and Principal Survey results)
- *Feasibility* (including estimated project cost and whether right-of-way would be required)
- *School demographics* (including percent of students classified as economically disadvantaged or as having disabilities)

The matrix used to calculate priorities is included as **Appendix H**. The matrix shows the definition, scoring, and weight assigned to each criterion used in the prioritization.

**Notes on Timeframe**

The Columbus SRTS Team assigned timeframes to school/city policy and non-infrastructure countermeasures. These timeframes were based on the committee's judgment regarding the best way to sequence the countermeasures.

The Columbus SRTS Team assigned estimated timeframes to each infrastructure countermeasure. The estimated timeframe represents an estimate of the amount of time that would likely be required to implement the recommended countermeasure once the project is approved and funding is secured. Actual timeframes may vary depending on a variety of factors including: site characteristics, right-of-way acquisition, environmental regulations, lead agency, and the design and construction process.

**Notes on Estimated Cost**

The following estimated costs were assigned to each recommended countermeasure:

- *Low cost* = $20,000 or lower
- *Medium cost* = between $20,000 and $150,000
- *High cost* = $150,000 or higher

These ranges are based on those in Ohio Department of Transportation's (ODOT) existing STP guidelines. The estimated cost represents an estimate of the design and implementation cost for each recommended countermeasure. The actual cost may vary depending on a variety of factors, including site characteristics, right-of-way acquisition, and the design and construction process.

The infrastructure countermeasures for the Columbus City School's (CCS) District-wide travel plan were developed from: consultant field visits; Columbus SRTS Team field visits; Columbus SRTS Team analysis and discussion; prior documents and studies completed for the City of Columbus; and analysis in Geographic Information Systems (GIS). The countermeasures include the following types of recommendations: intersection analysis, adding lighting, adding sidewalks, adding bike facilities, striping crosswalks, adding curb extensions, adding signage, enhancing crossings, and roadway analysis/potential road diets. It is important to note that the countermeasures are considered "planning

level" and will require further analysis to confirm that Ohio Manual of Uniform Traffic Control Devices (OMUTCD) as well as, city criteria, policies, and/or procedures are met.

**Table 18: Countermeasures Addressing School and City Policies**

| Countermeasure | Issues Addressed | Es Supported | Priority | Timeframe | Responsible Party | Countermeasure Lead(s) | Status |
|---|---|---|---|---|---|---|---|
| **City Support** | | | | | | | |
| **Incorporate the CCS STP into the City's Multi-Modal Thoroughfare Plan (currently under development) and Bicycle Plan (currently being updated)** by reference or as an appendix to prioritize pedestrian and bicycle improvements near schools, bicycle and pedestrian safety education for children, and other SRTS-related bicycle activities. | City support for STP | All | High | 1 year | Planning Team | Alex Smith, Leslie Strader, Kathleen Dussault | Planned |
| **Seek formal adoption of the CCS STP by the City Council.** | City support for STP | All | High | 1 year | Planning Team | Alex Smith, Leslie Strader, Kathleen Dussault | Planned |
| **Continue the City's participation on the Columbus SRTS Team.** Participation from the Mayor's Office, Columbus Division of Police, Public Health and Public Service Departments is especially important. | City support for STP | All | High | 1 year | Planning Team | Alex Smith, Leslie Strader, Officer Scott Bartholow, Kathleen Dussault, Tami Peters | Ongoing |
| **Continue MORPC's and the Ohio Department of Health's participation on the Columbus SRTS Planning Team.** | City support for STP | All | High | 1 year | Planning Team | Alex Smith, Amanda McEldowney, Caitlin Harley | Ongoing |
| **Invite city leadership, including the Mayor, City Council Members, and department administrators, and members of the school board to participate in high-profile SRTS-sponsored activities, such as Walk and Bike to School Days.** | City support for STP | All | High | 1 year | Planning Team | Alex Smith, Leslie Strader, Kathleen Dussault | Planned |
| **Look for opportunities to include CCS STP infrastructure priorities in planned roadway improvement projects.** | City support for STP | Engineering | High | 1 year | Planning Team | Alex Smith, Leslie Strader, Kathleen Dussault | Planned |
| **Work with the city to identify areas with poor, broken, or missing street lighting with Department of Public Utilities' Municipal Light Plant.** This will not only improve lighting in certain areas, but also potentially have a positive effect on higher crime locations. | City support for STP | Enforcement | High | 1 year | Planning Team | Alex Smith, Kathleen Dussault, Tami Peters | Not yet implemented |
| **Work with CPD to obtain access to bicycles in property room to repair (if needed) and distribute to students needing bicycles.** | City support for STP | Encouragement | High | 1-2 years | Planning Team | Alex Smith, Officer Scott Bartholow | Not yet implemented |
| **School District Support** | | | | | | | |
| **Continue providing regular updates to the CCS Board of Education regarding the progress of the SRTS initiative(s).** | School district support for STP | All | High | 1 year | Planning Team | Alex Smith, Jackie Broderick Patton, Jackie Bryant (CCS Communications) | Planned |
| **Obtain CCS Administration's approval of STP.** | School district support for STP | All | High | 1 year | Planning Team | Alex Smith, Jackie Broderick Patton, Jackie Bryant (CCS Communications) | Planned |
| **Obtain CCS Board of Education's approval of STP.** | School district support for STP | All | High | 1 year | Planning Team | Alex Smith, Jackie Broderick Patton, Jackie Bryant (CCS Communications) | Planned |
| **Request that members of the school board participate in SRTS activities (*e.g.* Walk and Bike to School Days).** | School district support for STP | All | High | 1 year | Planning Team | Alex Smith, Jackie Broderick Patton, Jackie Bryant (CCS Communications) | Planned |

| Countermeasure | Issues Addressed | Es Supported | Priority | Timeframe | Responsible Party | Countermeasure Lead(s) | Status |
|---|---|---|---|---|---|---|---|
| **Amend the CCS Wellness Policy to encourage walking and bicycling to school (active transportation) as way for students to obtain regular physical activity and reduce motor vehicle traffic and air pollution near schools.** Educate administrators, principals, and staff about the policy change and implementation expectations. Provide resources and curriculum goals to help with implementation. | School district support for STP | Encouragement | High | 1 year | Planning Team | Alex Smith, Jackie Broderick Patton | Not yet implemented |
| **Identify and task appropriate CCS staff or SRTS Team members to distribute school walking and bicycling maps.** | School district support for STP | Encouragement | High | 1 year | Planning Team | Alex Smith | Not yet implemented |
| **Annually review the district's and participating schools' policies to ensure they continue to encourage walking and bicycling to school.** | School district support for STP | All | High | 1 year | Planning Team | Alex Smith, Jackie Broderick Patton | Not yet implemented |
| **Incorporate ODOT SRTS Lesson Plans into teachers' professional development activities** | School district support for STP | All | High | 1-2 years | Planning Team | Alex Smith, Jackie Broderick Patton | Planned |
| **Establish an SRTS presence on online.** Columbus Public Health will host the page. This includes: 1) creating a SRTS program webpage and making it easy to find from the homepage; 2) adding the district-wide STP and school-specific CCS to the website as they are completed; 3) adding SRTS content relevant pages on the website as appropriate. | School district support for STP | All | High | 1 year | Planning Team | Alex Smith, Jackie Broderick Patton, Jackie Bryant (CCS Communications) | Planned |

**Table 19: Non-Infrastructure Countermeasures**

| Countermeasure | Issues Addressed | Es Supported | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Countermeasure Lead(s) | Status |
|---|---|---|---|---|---|---|---|---|---|
| **Local School Support** | | | | | | | | | |
| **Continue cultivating Local School SRTS champions. Recruit schools' Wellness Champions as well.** | Local School Support | All | High | 1-5 years | Free | N/A | Planning Team | Alex Smith | Planned |
| **Include an SRTS champion on the SRTS Team.** | Local School Support | All | High | 1-5 years | Free | N/A | Planning Team | Alex Smith | Planned |
| **Encourage Local Schools to adopt policies supporting safe walking and bicycling to and from school and to inform parents of these policies.** Provide principals and SRTS champions with guidance regarding how to formulate and communicate these policies. | Local School Support | Education, Encouragement | High | 1 year | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Cultivate formation of Local School SRTS committees.** Provide principals and SRTS champions with guidance regarding who should be on the committee and how the committee should function. Potentially add SRTS program implementation to the responsibilities of the Local School wellness committee. | Local School Support | All | High | 1-5 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Educate principals regarding the academic benefits of physical activity.** | Local School Support | Education | High | 1 year | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton | Not yet implemented |
| **Educate principals regarding the CCS Wellness Policy and Safe Routes to School implementation expectations.** Provide resources and curriculum goals to help with implementation. | Local School Support | Education | High | 2-5 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton | Not yet implemented |
| **Encourage school staff members to model active transportation behaviors.** Tie to staff wellness requirements. | Local School Support | Education, Encouragement | High | 1-5 year | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton | Not yet implemented |
| **Administer student travel tallies annually.** | Local School Support | Evaluation | High | 1-5 years | $100 for copies | SRTS | Planning Team | Alex Smith | Planned |
| Create and distribute information on Columbus Safe Routes to School **to school administrators, Parent Teacher Association (PTA) leaders, leaders, neighborhood group, and parent volunteer groups.** | Local School Support, Building Parent Support | Education, Encouragement | High | 1-5 years | Up to $500, depending on what is created | SRTS | Planning Team | Alex Smith | Not yet implemented |
| **Educate principals at schools that do not permit walking and bicycling regarding liability** for walking and bicycling to school. Some principals may be reluctant to encourage walking and bicycling to school due to concerns about liability. | Local School Support | All | High | 2-5 years | Free | N/A | Planning Team | Alex Smith, Steve Simmons | Planned |
| **Review SRTS curriculum guides and determine how to integrate into school day and after-school instruction. (YMCAs, CCS latch key, before- and after-school care).** | School District Support, Pedestrian & Bicycle Safety Education | Education, Encouragement | Medium | 1-2 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton | Planned |
| **Create a Green Club** to educate students on the connection between AT and the environment. | Local School Support | All | Medium | 1-2 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Recruit middle and high school ambassadors** to volunteer with walking and bicycling programs at Local Schools. The older students could earn community service hours for their participation. | Local School Support | Education, Encouragement | Medium | 1-2 years | Up to $1,000 to cover administrative costs | SRTS, Institute for Active Living, Safe Kids Central Ohio | Planning Team | Alex Smith | Not yet implemented |
| **Establish fund to pay for Local School SRTS materials, e.g., flyers, signage, whistles, vests, etc.** | Local School Support | All | Medium-Low | 3-5 years | Up to $1,000 to cover administrative costs | SRTS, Institute for Active Living, Safe Kids Central Ohio | Planning Team | Alex Smith | Not yet implemented |
| **Work with principals to create Active Transportation Field Trips**, by using bicycles instead of buses for field trip transportation. | Local School Support | Education, Encouragement | Medium-Low | 3-5 years | Up to $1,000 to cover costs of transporting bikes to schools, buying helmets, etc. | SRTS, Institute for Active Living, Safe Kids Central Ohio | Planning Team | Alex Smith | Not yet implemented |
| **Parent/Caregiver Support for SRTS** | | | | | | | | | |
| **Provide guidance to Local Schools on how to involve parents in the SRTS program and communicate with parents regarding pedestrian and bicycle safety issues.** | Building Parent Support | All | High | 1 year | Free | N/A | Planning Team | Alex Smith | Ongoing |
| **Continue making presentations at back to school events, PTA meetings and others.** Encourage inclusion of parents and caregivers on Local School SRTS committees. | Building Parent Support | Education | High | 1-5 years | Free | N/A | Planning Team | Alex Smith | Ongoing |
| **Add a PTA and/or parent volunteer representative to the SRTS Planning Team.** | Building Parent Support | All | High | 1 year | Free | N/A | Planning Team | Alex Smith | Planned |

| Countermeasure | Issues Addressed | Es Supported | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Countermeasure Lead(s) | Status |
|---|---|---|---|---|---|---|---|---|---|
| **Conduct parent surveys annually.** | Building Parent Support | Evaluation | High | 1-5 years | $2,500, for copies and shipping to National Center | SRTS, CCS (in kind), CPH (in kind) | Planning Team | Alex Smith | Ongoing |
| **Create and distribute information on Safe Routes to School** to parents via a flyer or email and what they can do to support it | Building Parent Support | Education, Encouragement | High | 1-5 years | Up to $2,300 for copies, depending on what is created | SRTS | Planning Team | Alex Smith | Not yet implemented |
| **Send parents recorded voicemails from CCS recorded by the Superintendent.** Voicemails might address SRTS activities, pedestrian/bicycle safety, pedestrian/bicycle policies, and other SRTS-related issues. | Building Parent Support | Education, Encouragement, Enforcement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton, Jackie Bryant (CCS Communications) | Not yet implemented |
| **Work to implement CCS's** Learn and Live In Peace, **anti-bullying program, in K-8 schools throughout the district.** Documents like the National Center's "Personal Security and Safe Routes to School" also can help with guidance on this. | Building Parent Support | Education, Encouragement | Medium | 2-3 years | TBD – based on number of schools, etc. | SRTS | Planning Team, National Center for SRTS | Alex Smith, Jackie Broderick Patton | Not yet implemented |
| **Pedestrian & Bicycle Safety Education** | | | | | | | | | |
| **Implement ODOT's "Every Move You Make, Make It Safe" campaign** to educate students (and parents) about the proper ways to walk and bicycle to school, as well as the benefits of doing so. | Pedestrian and Bicycle Safety Education | Education, Encouragement | High | 1-3 years | Printing - $500-$2,500 depending on quantities | SRTS | Planning Team | Alex Smith | Planned |
| **Add pedestrian safety into CCS PE curriculum,** using Safe Kids Central Ohio programming. | Pedestrian and Bicycle Safety Education | Education, Encouragement | High | 1-3 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton, Don Cain | Not yet implemented |
| **Continue to provide Operation Lifesaver railroad safety education in classrooms and to parents.** | Pedestrian and Bicycle Safety Education | Education, Encouragement | High | 1-5 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton, Don Cain | Planned |
| **Add Operating Lifesaver resource materials and links to the CCS Wellness website.** | Pedestrian and Bicycle Safety Education | Education, Encouragement | High | 1-5 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton | Planned |
| **Host fix-it events at schools,** where students can bring their bike to school and have it checked for safety and for minor repairs with a local bike co-op. Consider incorporating into Central Ohio School Bus Rodeo. | Pedestrian and Bicycle Safety Education | Education, Encouragement | High | 1 year | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Add a Columbus Safe Routes to School link on CPH's Wellness Initiative web page**, link to the page from CCS's website, City of Columbus Public Service Department website and MORPC's website. | Pedestrian and Bicycle Safety Education | Education, Encouragement | High | 1 year | Free | N/A | Planning Team | Alex Smith | Planned |
| **Develop and implement a pilot Neighborhood Field Guide mapping program** where students draw on maps of their neighborhood to illustrate issues and recommend improvements. Could be part of YMCA after school programming. | Pedestrian and Bicycle Safety Education | Education, Encouragement | High | 1-2 years | $1-5,000, depending on number of schools, materials needed | SRTS, CHP Healthy Places Program (in-kind) | Planning Team | Alex Smith, Kate Robb | Not yet implemented |
| **Establish a monthly walk and bicycle to school day,** such as Walking or Biking Wednesdays. Consider incorporating competitions between schools in the same division or district-wide. | Pedestrian and Bicycle Safety Education, Reduce Traffic | Education, Encouragement | Medium | 1-2 years | Free | N/A | Planning Team | Alex Smith, Amanda McEldowney | Planned |
| **Work with Yay! Bikes to create a youth How We Roll program**. Host either after-school or weekend days to encourage parent/guardian participation. Program would include bike safety, bike maintenance, street riding skills, exploring the city by bike. (Use WERIDE elements - Wonder, Educate, Ride, Intelligently, Discover, Everything - a multi-faceted, comprehensive approach to bicycling, entailing fixing up bikes, learning street riding skills, going on exploratory rides, creating maps, discovering details about the city that a bike gives access to; and research adding to current Neighborhood PRIDE programming - Fam Jam, etc.) | Pedestrian and Bicycle Safety Education | Education, Encouragement | Medium | 1-2 years | $3-5,000 | SRTS, Institute for Active Living, Safe Kids Central Ohio | Planning Team | Alex Smith | Not yet implemented |
| **Identify community-based programs that promote safe walking and bicycling to school and share with K-8 principals.** | Pedestrian and Bicycle Safety Education | Education, Encouragement | Medium | 2 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton | Not yet implemented |
| **Pilot a Kidical Mass program**, a regularly scheduled bike ride with students and families through a neighborhood near a school. | Pedestrian and Bicycle Safety Education | Education, Encouragement | Medium | 2-3 years | $500-1,000 for promotional materials and incentives for participants | SRTS, Institute for Active Living, Safe Kids Central Ohio | Planning Team | Alex Smith | Not yet implemented |

| Countermeasure | Issues Addressed | Es Supported | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Countermeasure Lead(s) | Status |
|---|---|---|---|---|---|---|---|---|---|
| **Identify and target 2 middle school(s) to pilot Girls in Gear, starting with HIA Focus Schools.** | Pedestrian and Bicycle Safety Education | Education, Encouragement | Medium | 1-2 years | $5,000 | SRTS, Women's Fund of Central Ohio | Planning Team | Alex Smith | Not yet implemented |
| **Identify and target schools to document students' bicycling and walking stories through writing activities and/or videos**. (Could be named bike-o-graphy or walk-o-graphy, similar to those created in Boston) | Pedestrian and Bicycle Safety Education | Education, Encouragement | Medium | 2 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Work with CCS to add a People-Powered Parade to the National Children's Day celebration at AIMS on the Fort Hayes campus**. SRTS could also have a table that would include helmet and light giveaways, stickers for bikes, offer minor bike fixing and tune ups and handing out priority corridor maps. National Children's Day is generally in early June, it was June 8, 2014. | Pedestrian and Bicycle Safety Education | Education, Encouragement | Medium | 1-2 years | $2,000 for programming and materials | SRTS | Planning Team | Alex Smith. Principals at participating schools | Not yet implemented |
| **Develop and implement a pilot middle school mentoring program** where older students walk and bicycle to school with younger students and teach them basic bike safety. | Pedestrian and Bicycle Safety Education | Education, Encouragement | Medium | 1-3 years | $500 for incentives | SRTS | Planning Team | Alex Smith | Not yet implemented |
| Create and distribute a video about the health benefits of walking and bicycling to school. **Could be shown when schools show school bus safety video. Video could be created with AIMS or Fort Hayes HS students.** | Pedestrian and Bicycle Safety Education | Education, Encouragement | Medium | 1-3 years | Free if use students, $2,500-$4,000 if use outside video firm | SRTS, Columbus Foundation, health care system foundation | Planning Team | Alex Smith | Not yet implemented |
| **Add a bike rodeo, bike safety and helmet fitting techniques to the CCS PE curriculum**, including for students with disabilities. | Pedestrian and Bicycle Safety Education | Education, Encouragement | Low | 3-5 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton, Don Cain | Not yet implemented |
| **Increase School Zone Awareness** | | | | | | | | | |
| **Distribute school walking and bicycling maps to all students at the beginning of each school year.** This will not only allow parents to know the best routes for their children to take, it will also make them aware of where other students may be walking and bicycling. | Increase School Zone Awareness | Education, Encouragement | High | 1 year | $500 | SRTS | Planning Team | Alex Smith | Planned |
| **Collaborate with property owners in the school zone or along school routes to install yard signs** warning drivers to moderate their speed and look out for student pedestrians and bicyclists. The signs might incorporate an SRTS Program logo designed by students. | Increase School Zone Awareness | Education | Medium | 2-3 years | Varies by location | SRTS, MORPC, City of Columbus | Planning Team | Alex Smith | Not yet implemented |
| **Install community signage promoting SRTS.** Consider a student art contest to design signs. Also could be installed along priority corridors. | Increase School Zone Awareness | Education, Encouragement | Medium | 2-3 years | Varies by location | SRTS, MORPC, City of Columbus | Planning Team | Alex Smith | Not yet implemented |
| **Provide parents with information regarding driver and pedestrian safety within the school zone.** | Increase School Zone Awareness | Education | Medium | 1-2 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Encourage & Enforce Safe Driver Behaviors** | | | | | | | | | |
| **Help schools start a Pace Car program** – a driver safety and awareness program that improves traffic safety around schools and in neighborhoods by encouraging parents and members of the community to obey the speed limit and drive safely around pedestrians and bicyclists. Parents who sign a pledge receive a car decal (or magnet). | Encourage and Enforcing Safe Driver Behaviors | Education, Enforcement | High | 1 year | $200 | SRTS, Institute for Active Living, Safe Kids Central Ohio | Planning Team | Alex Smith | Not yet implemented |
| **Research current speed study results and conduct speed studies at locations where speeding is suspected/identified as a concern.** | Encourage and Enforcing Safe Driver Behaviors | Enforcement | Medium | 1-2 years | Varies per location | City of Columbus, MORPC, ODOT | Planning Team, City of Columbus | Alex Smith, Kathleen Dussault, Tami Peters | Not yet implemented |
| **Encourage parents and high school students to sign a pledge that they will avoid distracted driving, drive at a safe speed, and abide by traffic laws, especially during school arrival and dismissal times.** | Encourage and Enforcing Safe Driver Behaviors | Education | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Establish a district-wide speed reduction and/or "No Phone Zone" campaign.** | Encourage and Enforcing Safe Driver Behaviors | Education, Enforcement | Medium | 2-3 years | $1,000 | SRTS | Planning Team | Alex Smith | Not yet implemented |
| **Install speed feedback signs at problem locations.** | Encourage and Enforcing Safe Driver Behaviors | Enforcement | Medium-Low | 2-5 years | $5,000 - $25,000 | City of Columbus, MORPC, ODOT | Planning Team, City of Columbus | Alex Smith, Kathleen Dussault, Tami Peters | Not yet implemented |
| **Reduce Traffic** | | | | | | | | | |
| **Enable school bus drivers to drop-off/pick-up students at remote locations on designated walk/bike to school days.** | Reduce Traffic | Encouragement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith, Steve Simmons | Not yet implemented |

| Countermeasure | Issues Addressed | Es Supported | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Countermeasure Lead(s) | Status |
|---|---|---|---|---|---|---|---|---|---|
| Encourage and facilitate carpooling, using MORPC's School Pool Program. | Reduce Traffic | Encouragement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith, Steve Simmons | Not yet implemented |
| Establish remote drop-off/pick-up locations and/or bus hubs. | Reduce Traffic | Encouragement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith, Steve Simmons | Not yet implemented |
| Establish a CCS-Sponsored Mileage Club or Contest that includes pedometers to track their mileage. | Reduce Traffic | Encouragement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith, Jackie Broderick Patton | Not yet implemented |
| Continue at least one district-wide education/encouragement event every quarter. | Reduce Traffic | Encouragement | Medium | 1-2 years | Free | N/A | Planning Team | Alex Smith | Planned |
| **Improve Crossings** | | | | | | | | | |
| Work with CCS and CPD to analyze locations of crossing guards at key student crossing locations to determine if relocations or additional guards are needed. | Improve Crossings | Enforcement | High | 1 year | Free | N/A | Planning Team | Alex Smith, Steve Simmons | Ongoing |
| **Improve Routes to School** | | | | | | | | | |
| Establish walking school bus program. Use Walking School Bus Kit as a training tool. | Improve Routes to School, Improve Adult-Led Walking and Biking | Education, Encouragement | High | 1-2 years | Free | N/A | Planning Team | Alex Smith | Planned |
| Educate administrators and families on how a walking school bus program can alleviate concerns through Parent Teacher Associations (PTAs), principal meetings, school events, and any other forum that is logical. | Improve Routes to School, Improve Personal Security | Education, Encouragement | High | 1 year | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| Teach parents to talk to their children about personal safety using a child abuse prevention program. Research an evidence-based program to use, consider Darkness to Light's Stewards of Children program. | Improve Routes to School, Improve Personal Security | Education, Encouragement | High | 1-2 years | TBD once program is identified | SRTS | Planning Team | Alex Smith | Not yet implemented |
| Partner with local high schools to participate in walking school buses as a community service project. | Improve Routes to School, Improve Adult-Led Walking and Biking | Education, Encouragement | High | 1-2 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| Add WTS Day resources and links to the CCS Wellness website. | Improve Routes to School, Improve Adult-Led Walking and Biking | Education, Encouragement | High | 1-5 years | Free | N/A | Planning Team, National Center for SRTS | Alex Smith, Jackie Broderick Patton | Planned |
| Plan and implement International Walk to School and Bike to School Day events. | Improve Routes to School | Education, Encouragement | High | 1-5 years | Free | N/A | Planning Team, National Center for SRTS | Alex Smith | Planned |
| Work with ODOT to schedule walking school bus training in Columbus. | Improve Routes to School, Improve Adult-Led Walking and Biking | Education | Medium | 1-2 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| Establish bike train program. Train parents and educators about starting bike trains at their school. Use International Bike to School Day events to develop and implement bike trains at schools. AAA is a local resource. | Improve Routes to School | Education, Encouragement | Medium | 1-2 years | Free | N/A | Planning Team, AAA | Alex Smith | Not yet implemented |
| Continue encouraging school SRTS champions to attend ODOT-sponsored walking school bus trainings. | Improve Routes to School, Improve Adult-Led Walking and Biking | Education | Medium | 1-2 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| Collaborate with local public and commercial television stations, local radio stations and CCS High School students (Fort Hayes?) to create PSA's regarding the importance of keeping walkways and driveways clear of ice and snow. | Improve Routes to School | Education, Encouragement, Enforcement | Low | 2-3 years | Varies based on materials, placements, etc. | SRTS, ODOT, Columbus Foundation, health care system foundation | Planning Team | Alex Smith | Not yet implemented |
| Create a sidewalk brigade program for MS and HS students to clear routes to school and earn community service hours. | Improve Routes to School | Education, Encouragement, Enforcement | Low | 2-3 years | $1,500 for training, materials, supplies – shovels, etc., incentives | SRTS | Planning Team | Alex Smith | Not yet implemented |
| **Improve Arrival & Dismissal Processes** | | | | | | | | | |
| Provide direct assistance on arrival and dismissal procedures to schools that request it. | Improving Arrival and Dismissal Processes | Education | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith, Amanda McEldowney, Kathleen Dussault, Tami Peters | Not yet implemented |
| Conduct individual arrival and dismissal audits at schools with known issues. This will help identify the issues that need to be addressed at each school and come up with individualized solutions. | Improving Arrival and Dismissal Processes | Education, Encouragement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith, Amanda McEldowney, Kathleen Dussault, Tami Peters | Not yet implemented |
| Utilize AAA's Student Safety Patrol program to help facilitate arrival and dismissal processes on school grounds. | Improving Arrival and Dismissal Processes | Education, Enforcement | Medium | 1-2 years | Free | N/A | AAA | Alex Smith, Steve Simmons | Planned |

| Countermeasure | Issues Addressed | Es Supported | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Countermeasure Lead(s) | Status |
|---|---|---|---|---|---|---|---|---|---|
| **Develop and distribute an arrival and dismissal best practices document.** Among other things, this document should suggest district-wide policies, such as dismissing walkers and bikers earlier than bus and car riders to avoid conflicts between walkers and bicyclists and motor vehicle traffic and to provide added encouragement for walking and bicycling. | Improving Arrival and Dismissal Processes | Education | Medium | 2-3 years | Free | N/A | Planning Team, Consultant Team | Alex Smith, David Shipps, Kathleen Dussault | Not yet implemented |
| **Improve Adult-Led Walking & Biking** | | | | | | | | | |
| **Use Walking School Bus kit to train administrators, parents, volunteers, and educators on how to start a walking school bus program at their school. (Toledo SRTS and MORPC have WSB toolkits)** | Improve Adult-Led Walking and Biking | Education, Encouragement | High | 1-2 years | Free | N/A | Planning Team | Alex Smith | In process |
| **Educate parents and/or caregivers about the academic and health benefits and potential for improved safety by having students walk and bike to school (active transportation).** | Improve Adult-Led Walking and Biking | Education, Encouragement | High | 1-2 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Start a "Corner Captains" program at schools that express an interest.** Corner Captains are adults who volunteer to provide an extra set of eyes along common school routes, making the environment around schools safer for students. | Improve Adult-Led Walking and Biking | Education, Encouragement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Start an "Eyes on the Street" program district-wide.** | Improve Adult-Led Walking and Biking | Education, Encouragement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Increase law enforcement presence around all school sites before- and after-school.** | Improve Adult-Led Walking and Biking | Education, Enforcement | High | 1-5 years | Free | N/A | Planning Team | Alex Smith, Office Scott Bartholow | Not yet implemented |
| **Improve Personal Security** | | | | | | | | | |
| **Partner with law enforcement on targeted security efforts.** | Improve Personal Security | Enforcement | High | 1 year | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Expand Linden Porch Parents program** with Safe Porches pilot, starting at HIA Focus Schools, Hamilton and Windsor are good candidates | Improve Personal Security | Education, Encouragement | Medium | 1-2 years | $2,000 | SRTS | Planning Team | Alex Smith, Steve Simmons | Not yet implemented |
| **Work with local Block Watch groups.** | Improve Personal Security | Encouragement | Medium | 2-3 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Sustain SRTS Program** | | | | | | | | | |
| **Recruit new Columbus SRTS Team members.** Include a Local School SRTS champions and a parent/PTA representative. | Sustainable SRTS Program | All | High | 1 year | Free | N/A | Planning Team | Alex Smith | Planned |
| **Establish a calendar.** Create an annual calendar of SRTS activities for the district. Determine where and how frequently the Columbus SRTS Team will meet. Include a timeline for evaluations, which should occur at least annually. | Sustainable SRTS Program | All | High | 1 year | Free | N/A | Planning Team, Consultant Team | Alex Smith | Planned |
| **Identify a person or people to coordinate implementation of high-priority countermeasures.** Identifying a lead coordinator is important to building and maintaining momentum for implementation. The lead coordinator initiates coordination efforts and maintains momentum through planning and implementation by assembling a coordination team, scheduling meetings, and ensuring that necessary tasks get done. | Sustainable SRTS Program | All | High | 1 year | Free | N/A | Planning Team, Consultant Team | Alex Smith | Not yet implemented |
| **Monitor and Evaluate.** Establish measurable goals and conduct regular reviews to determine progress toward meeting them. | Sustainable SRTS Program | Evaluation | High | 1-5 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Identify potential funding sources for high-priority projects and programs.** | Sustainable SRTS Program | All | High | 1 year | Free | N/A | Planning Team, Consultant Team | Alex Smith | Planned |
| **Identify stakeholders and keep them informed about APS SRTS Program implementation.** Stakeholders are people who should be consulted when planning and implementing a SRTS program but may not necessarily contribute in an active way. Potential stakeholders include residents and business owners with properties adjacent to proposed improvements, as well as elected and appointed officials. | Sustainable SRTS Program | All | High | 1-5 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Purchase special event materials, such as a tabletop exhibit, pop-up banner or booth.** | Sustainable SRTS Program | All | High | 1 year | Costs varies depending on items selected $1,000 - $15,000 | SRTS, Institute for Active Living, Safe Kids Central Ohio | Planning Team, Consultant Team | Alex Smith | Planned |
| **Secure a summer intern to assist in project design and implementation.** | Sustainable SRTS Program | All | Medium | 1-2 years | Up to $5,000 | Local high schools | Planning Team | Alex Smith | Not yet implemented |

| Countermeasure | Issues Addressed | Es Supported | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Countermeasure Lead(s) | Status |
|---|---|---|---|---|---|---|---|---|---|
| **Further develop Walking School Bus & Bike Train program by hiring a part-time coordinator** and obtaining funding for stipends for Walking School Bus leaders at schools. | Sustainable SRTS Program | Education, Encouragement | Medium | 2-3 years | $1-5,000 depending on number of schools, materials needed | SRTS, Columbus Foundation, health care system foundation | Planning Team | Alex Smith | Not yet implemented |
| **Present the STP to active transportation advocacy groups**, seek to engage them in plan implementation and partner with them on program funding. | Sustainable SRTS Program | All | High | 1-2 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Conduct pre- and post-program surveys to measure effectiveness of various programs.** | Sustainable SRTS Program | All | Low | 2-5 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Conduct peer-to-peer student surveys to measure effectiveness of various programs.** | Sustainable SRTS Program | All | Low | 2-5 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |
| **Conduct research using a test school and a control school to support hypothesis that a year of consistent SRTS programming results in students' improved academic performances.** | Sustainable SRTS Program | All | Low | 2-5 years | Free | N/A | Planning Team | Alex Smith | Not yet implemented |

**Table 20: Infrastructure Countermeasures**

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| L5 | Bike facility | Glenwood - Broad to Mound | Avondale Elementary School | 804 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P319 | Enhance Crossing | Cleveland & 17th | Windsor STEM Academy | 800 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L154 | Bike facility | Summit - E 11th to 3rd | Weinland Park Elementary School | 776 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L22 | Bike facility | Mt. Vernon - I-71 to Taylor | Champion Middle School | 764 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P193 | Move Ped Signal east of Carpenter | Livingston east of Carpenter | Livingston Elementary School | 748 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P194 | Enhance Crossing | Carpenter & Denton | Livingston Elementary School | 748 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L4 | Potential Road Diet | Broad - I-70 to SR 315 | Avondale Elementary School | 742 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L123 | Bike facility | Bryden - Parsons to Nelson | Ohio Elementary School | 736 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L21 | Pedestrian street | Alley between 20th & Ohio - Mt. Vernon to Atcheson | Champion Middle School | 724 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L155 | Bike facility | N. 4th - E 11th to 3rd | Weinland Park Elementary School | 722 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P120 | Crosswalk | Olive & Terrace | Highland Elementary School | 714 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L145 | Bike facility | Rich - Glenwood to SR 315 | Starling K-8 School | 708 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P187 | Crosswalk | Sycamore & Ohio | Livingston Elementary School | 680 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P224 | Traffic Signal Analysis | Fulton & 18th | Ohio Elementary School | 680 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P119 | Crosswalk | Olive & Eureka | Highland Elementary School | 674 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L23 | Build sidewalk | Ohio - Mt. Vernon to Long (fill gaps) | Champion Middle School | 668 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L60 | Build sidewalk | Maynard - McGuffey to Lexington | Hamilton STEM Academy | 668 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L150 | Bike facility | Souder - Sullivant to Mound | Sullivant Elementary School | 668 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L172 | Build sidewalk | Toronto - Trevitt to Champion | Trevitt Elementary School | 668 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L70 | Traffic Calming Analysis | Oakland Park - Cleveland to Maize | Huy Elementary School | 664 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L37 | Bike facility | Eakin - Holly Hill to Demorest | Eakin Elementary School | 656 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|--------|---------------|----------|------------------|---------------------------|----------|-----------|----------------|------------------------|-------------------|--------|
| P76 | Enhance Crossing | Eakin & Wedgewood | Eakin Elementary School | 656 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P118 | Crosswalk | Wayne & Olive/Pomola | Highland Elementary School | 654 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L165 | Build sidewalk | Brooks - 15th to 17th | Windsor STEM Academy | 650 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P32 | Improve Intersection to accommodate Pedestrians | Parsons & Hilock | Buckeye Middle School | 648 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L160 | Bike facility | Broad - Camp Chase Rail Trail to E of Hague | West Broad Elementary School, West Mound Elementary School | 644 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P111 | Crosswalk | Grasmere Ave & E 26th Ave | Hamilton STEM Academy | 640 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P226 | Enhance Crossing | Fulton & School Drive | Ohio Elementary School | 640 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P7 | Add 3-way stop (all legs stop) | Town & Avondale | Avondale Elementary School | 638 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L99 | Build sidewalk | Ontario - 17th to 21st | Linden-McKinley STEM Academy | 630 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L90 | Build sidewalk | Ann - Frebis to Mithoff | Lincoln Park Elementary School | 626 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P222 | Pedestrian Refuge Island (west leg) | Ohio & Main | Ohio Elementary School | 626 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P159 | Crosswalk | S Richardson Ave & Eakin Rd | Lindbergh Elementary School | 620 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P236 | Crosswalk | Lee Ellen Pl & Currier Dr | Parsons Elementary School | 620 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P237 | Crosswalk | Southgate Dr & Markham Rd | Parsons Elementary School | 620 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P121 | Crosswalk | Olive & Richardson | Highland Elementary School | 618 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P186 | Bumpouts and crosswalk | Sycamore & Champion | Livingston Elementary School | 618 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P238 | Bumpout | S High St & Southgate Dr | Parsons Elementary School | 610 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L14 | Pedestrian street | Maryland - James to Waverly | Broadleigh Elementary School | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P128 | Crosswalk | Norwood St & Oakland Park Ave | Huy Elementary School | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L82 | Build sidewalk | Zettler, south of Livingston | Johnson Park Middle School | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L96 | Build sidewalk | Ontario - 21st to 22nd | Linden-McKinley STEM Academy | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P174 | Crosswalk | Medina & 25th | Linden-McKinley STEM Academy | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P175 | Crosswalk | Medina & 26th | Linden-McKinley STEM Academy | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| P178 | Crosswalk | Medina Ave & Duxberry Ave | Linden-McKinley STEM Academy | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P179 | Crosswalk | Dresden St & Duxberry Ave | Linden-McKinley STEM Academy | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L126 | Bike facility | Tamarack - Morse to Tamarack Circle | Parkmoor Elementary School | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P316 | Crosswalk | N Harris Ave & N Harris Ave | Westmoor Middle School | 608 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L73 | Pedestrian Crossing Analysis | Indianola - Arcadia to E. North Broadway | Indianola Informal School | 606 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L146 | Potential Road Diet | Central - Broad to Mound | Starling K-8 School | 604 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P253 | Crosswalk | Reinhard Ave & S Washington Ave | Siebert Elementary School | 602 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P293 | Crosswalk | Urban Dr & Bourke Rd | Valley Forge Elementary School | 602 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P77 | Crosswalk and curb ramps | Eakin @ alley east of school (N side) | Eakin Elementary School | 600 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P78 | Curb ramps | Eakin @ school | Eakin Elementary School | 600 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L48 | Bike facility | Mayfair Park - Ashburton to Hampton | Fairmoor Elementary School | 600 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L49 | Bike facility | Mayfair - Mayfair Park to Ashburton | Fairmoor Elementary School | 600 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L118 | Build sidewalk | Oakmont - Worcester to Walnut Hill Park | Oakmont Elementary School | 600 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L62 | Build sidewalk | Floral - Oakley to Wheatland | Highland Elementary School | 598 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L64 | Pedestrian street | Capital (alley) - Whitethorne to Belvidere | Highland Elementary School | 598 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P115 | Crosswalk | S Highland Ave & Floral Ave | Highland Elementary School | 598 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P116 | Crosswalk | Floral & Wheatland | Highland Elementary School | 598 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P117 | Crosswalk | S Oakley Ave & Pomola St | Highland Elementary School | 598 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P122 | Crosswalk | Whitethorne & Capital (alley) | Highland Elementary School | 598 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P274 | Crosswalk | Souder & Thomas | Sullivant Elementary School | 598 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L52 | Bike facility | Sandalwood/Ironwood - Karl to Satinwood | Forest Park Elementary School | 596 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P327 | Crosswalk | Lonsdale Rd & E Livingston Ave | Woodcrest Elementary School | 596 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P328 | Crosswalk | Woodcrest, south of Livingston | Woodcrest Elementary School | 596 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| L32 | Bike facility | Ambleside - 161 to Schrock | Devonshire Elementary School | 590 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P109 | Crosswalk | Atlanta & Georgian | Georgian Heights Elementary School | 590 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L83 | Build sidewalk | Barnett - Livingston to Towers | Johnson Park Middle School | 590 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P220 | Bumpout | Bryden & Champion | Ohio Elementary School | 590 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P221 | Bumpout | Bryden & Ohio | Ohio Elementary School | 590 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P157 | Bumpouts and crosswalk | Thurman & Ann | South High School | 586 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P272 | Mid-block pedestrian crossing | Central & State | Starling K-8 School | 586 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L80 | Bike facility | Innis - Sunbury to Cleveland | Innis Elementary School | 582 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L16 | Build sidewalk | Ziegler - Lee Ellen, west 130 ft (fill gaps) | Buckeye Middle School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P36 | Crosswalk | Gatewood & Cheryl | Cassady Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P37 | Crosswalk | Gatewood & Monmouth | Cassady Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P125 | Crosswalk | Norwood St & Huy Rd | Huy Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P126 | Crosswalk | Medina Ave & Huy Rd | Huy Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P127 | Crosswalk | Walmar Dr & Piedmont Rd | Huy Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L81 | Build sidewalk | Zettler, north of Clermont | Johnson Park Middle School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P160 | Crosswalk | Regina & Hodges | Lindbergh Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L98 | Build sidewalk | 22nd - east of Ontario (fill gap) | Linden-McKinley STEM Academy | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P171 | Crosswalk | 22nd & Medina | Linden-McKinley STEM Academy | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P172 | Crosswalk | Medina & 23rd | Linden-McKinley STEM Academy | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P173 | Crosswalk | Medina & 24th | Linden-McKinley STEM Academy | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P180 | Crosswalk | Dresden & Blake | Linden-McKinley STEM Academy | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P197 | Crosswalk | Pauline Ave & Homestead Dr | Medina Middle School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P214 | Crosswalk | Walnut Hill Park & Saranac | Oakmont Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| P215 | Crosswalk | Walnut Hill Park Dr & Oakmont Dr | Oakmont Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P217 | Crosswalk | Oakmont Dr & Birkdale Dr | Oakmont Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P218 | Crosswalk and signage | Birkdale Dr @ pathway | Oakmont Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P227 | Crosswalk | Norma Rd & Tamarack Blvd | Parkmoor Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L136 | Build sidewalk | Seabrook - Picard, east (fill gap) | Scottwood Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L137 | Build sidewalk | Coburg/Seabrook (fill gaps) | Scottwood Elementary School | 580 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L58 | Potential Road Diet | Hamilton - Hudson to 26th | Hamilton STEM Academy | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L61 | Build sidewalk | Lexington - 26th to Maynard | Hamilton STEM Academy | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P110 | Bumpout and crosswalk | Hamilton & 22nd | Hamilton STEM Academy | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P112 | Crosswalk | Lexington Ave & E 26th Ave | Hamilton STEM Academy | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P114 | Bumpout at crosswalk | Hamilton & 25th | Hamilton STEM Academy | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L89 | Build sidewalk | S 17th - Markison to Frebis | Lincoln Park Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L91 | Build sidewalk | Ann - Stewart to Whittier | Lincoln Park Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P147 | Crosswalk | Ann & Siebert | Lincoln Park Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P149 | Bumpouts and crosswalk | Ann & Frebis | Lincoln Park Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P150 | Bumpouts and crosswalk | S 17th and Frebis | Lincoln Park Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P151 | Crosswalk | S 17th St & E Moler St | Lincoln Park Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P152 | Crosswalk | S 17th St & Sheldon Ave | Lincoln Park Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P184 | Crosswalk | Sycamore & Wilson | Livingston Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P185 | Crosswalk | E Sycamore St & Oakwood Ave | Livingston Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P192 | Crosswalk | E Sycamore St & Gilbert St | Livingston Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P225 | Bumpouts and crosswalk | Fulton & Linwood | Ohio Elementary School | 578 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P271 | Bumpout; Signal Analysis (Leading Pedestrian Interval) | Central & Town | Starling K-8 School | 576 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|--------|----------------|----------|------------------|---------------------------|----------|-----------|----------------|------------------------|-------------------|--------|
| P308 | Bumpout | Fourth & 7th | Weinland Park Elementary School | 576 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L102 | Pedestrian street | Denton - Carpenter to Champion | Livingston Elementary School | 574 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L124 | Potential road diet | Main - Parsons to Nelson | Ohio Elementary School | 574 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P280 | Crosswalk | Sullivant & Souder | Sullivant Elementary School | 570 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P8 | Crosswalk | Town & Dakota | Avondale Elementary School | 568 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P334 | Crosswalk | Urban Dr & Atwater Dr | Woodward Park Middle School | 568 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L24 | Traffic Calming Analysis | Calumet - Arcadia to E. North Broadway | Clinton Elementary School | 566 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L36 | Build sidewalk | Kingsford - Eakin to Briggs | Eakin Elementary School | 566 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L51 | Bike facility | Fairwood - Watkins to Franklin Park | Fairwood Elementary School | 566 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L65 | Bike facility | Whitethorne - Broad to Sullivant | Highland Elementary School | 566 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L87 | Build sidewalk | Reynard - Chatterton to Argo (fill gaps) | Liberty Elementary School | 566 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P145 | Crosswalk | Retriever Rd & Chatterton Rd | Liberty Elementary School | 566 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P146 | Pedestrian Crossing Analysis | Reynard & Chatterton | Liberty Elementary School | 566 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P46 | Bumpout and crosswalk | Mt. Vernon & Ohio | Champion Middle School | 564 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P47 | Enhance Crossing and add Bumpouts | Mt. Vernon & N. 22nd | Champion Middle School | 564 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P113 | Bumpout | McGuffey Rd & E Hudson St | Hamilton STEM Academy | 564 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P57 | Crosswalk | Sharon & Jeffrey | Colerain Elementary School | 562 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P68 | Crosswalk | Northgap Dr & Ambleside Dr | Devonshire Elementary School | 562 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P69 | Crosswalk | Ambleside Dr & Sunderland Dr | Devonshire Elementary School | 562 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P70 | Crosswalk | Dominion & Ingham | Dominion Middle School | 562 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P104 | Crosswalk | Harwood Dr & Ardath Rd | Georgian Heights Elementary School | 562 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P105 | Crosswalk | Randell & Harwood | Georgian Heights Elementary School | 562 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P108 | Crosswalk | Georgian Dr @ Salem Dr | Georgian Heights Elementary School | 562 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| L57 | Build sidewalk | Savannah - Sexton to Briggs (fill gap) | Georgian Heights School | 562 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P44 | Crosswalk | Ellison & Atcheson | Champion Middle School | 558 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L38 | Build sidewalk | Gould - 6th Ave to 7th Ave | East Columbus Elementary School | 558 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P80 | Crosswalk | Gould & 6th | East Columbus Elementary School | 558 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L88 | Bike facility | Ann - Markison to Woodrow | Lincoln Park Elementary School | 558 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L92 | Potential Road Diet | Eakin - Wayne to Hague | Lindbergh Elementary School | 558 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L127 | Build sidewalk | Hilock - Lee Ellen to Parsons | Parsons Elementary School | 558 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Completed by City |
| P273 | Enhance Crossing | Mound/Harmon/Souder | Sullivant Elementary School | 558 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P275 | Crosswalk | Souder & Campbell | Sullivant Elementary School | 558 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P287 | Crosswalk | Toronto & Champion | Trevitt Elementary School | 558 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L59 | Build sidewalk | McGuffey - Maynard to north of Clinton | Hamilton STEM Academy | 550 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P148 | Crosswalk | Ann & Reinhard | Lincoln Park Elementary School | 550 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P189 | Crosswalk | Forest & Ann | Livingston Elementary School | 550 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P191 | Crosswalk | E Sycamore St & S 22nd St | Livingston Elementary School | 550 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P285 | Enhance Crossing and add Bumpouts | Atcheson & Monroe | Trevitt Elementary School | 550 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P5 | Bumpout and crosswalk | Rich & Avondale | Avondale Elementary School | 548 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P6 | Bumpout and crosswalk | Rich & Hawkes | Avondale Elementary School | 548 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P302 | Bumpout | Summit St & E 3rd Ave | Weinland Park Elementary School | 548 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P303 | Bumpout | Summit & 4th | Weinland Park Elementary School | 548 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P304 | Enhance Crossing and add Bumpouts; Consider leading pedestrian interval | Summit & 7th (N leg) | Weinland Park Elementary School | 548 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P306 | Bumpout | Summit & 8th (N leg) | Weinland Park Elementary School | 548 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P307 | Bumpout | Summit & 9th | Weinland Park Elementary School | 548 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L105 | Build sidewalk | Pauline - Gerbert to Dresden | Medina Middle School | 546 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| L63 | Build sidewalk | Olive - Burgess to Wayne | Highland Elementary School | 544 | High | 1-3 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P97 | Crosswalk | Satinwood Dr & Arborwood Dr | Forest Park Elementary School | 540 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P296 | Signal Analysis | Valleyview & Westmoor | Valleyview Elementary School | 540 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P330 | Crosswalk | Vinewood Dr & Redwood Rd | Woodward Park Middle School | 540 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P331 | Crosswalk | Vinewood Dr & Rockwood Rd | Woodward Park Middle School | 540 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P332 | Crosswalk | Satinwood Dr & Rockwood Rd | Woodward Park Middle School | 540 | High | 1-3 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L13 | Build sidewalk; Bike facility | Gould - Broad to Allegheny | Broadleigh Elementary School | 538 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L17 | Build sidewalk | Ziegler - High, east 800 ft | Buckeye Middle School | 538 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P50 | Crosswalk | Calumet St & E Weber Rd | Clinton Elementary School | 538 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P75 | Crosswalk | Briggs Rd & Wedgewood Dr | Eakin Elementary School | 538 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P130 | Crosswalk | Ingham Ave & Ingham Ave | Indian Springs Elementary School | 538 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P144 | Crosswalk | Falcon Bridge Dr & Chatterton Rd | Liberty Elementary School | 538 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L121 | Build sidewalk | Saranac - Walnut Hill Park to Lake Club | Oakmont Elementary School | 538 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L171 | Build sidewalk | Oakmont/Birkdale - Bairsford to pathway to school | Oakmont Elementary School | 538 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P262 | Crosswalk | Holt Ave & Brentnell Ave | South Mifflin STEM Academy | 538 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P299 | Crosswalk | Eakin & Brinker | Wedgewood Middle School | 538 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L166 | Build sidewalk | Louis - 17th to 19th | Windsor STEM Academy | 538 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L39 | Build sidewalk | 6th - Krumm, west | East Columbus Elementary School | 530 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P188 | Crosswalk | Forest & 17th | Livingston Elementary School | 530 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L130 | Build sidewalk | Southgate - High to Markham | Parsons Elementary School | 530 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P254 | Crosswalks, signage across Whittier (E leg) | Whittier & Ann | Siebert Elementary School | 530 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P276 | 3-way stop | Griggs & Greenfield & Souder | Sullivant Elementary School | 530 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P277 | Crosswalk | Greenfield (W of Souder) | Sullivant Elementary School | 530 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |

| Map ID | Countermeasure | Location | Schools Affected | Weighted Score from Matrix | Priority | Timeframe | Estimated Cost | Possible Funding Source | Responsible Party | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| P278 | Crosswalk | Greenfield & Canonby | Sullivant Elementary School | 530 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P279 | Crosswalk | Buchanan & Souder | Sullivant Elementary School | 530 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P289 | Crosswalk | Bolivar & Hallidon | Trevitt Elementary School | 530 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L50 | Build sidewalk | Kent - Berkeley to Seymour (fill gaps) | Fairwood Elementary School | 526 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L132 | Bike facility | North Meadows - 161 to Crawford | Salem Elementary School | 526 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P246 | Crosswalk | Cunard Rd & Cushing Dr | Scottwood Elementary School | 526 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L149 | Bike facility | Bellows - Glenwood to Green | Sullivant Elementary School | 526 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P19 | Crosswalk | Rosedale & Hague | Binns Elementary School | 520 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L20 | Build sidewalk | Harland - Parsons, east | Cedarwood Elementary School | 520 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L33 | Build sidewalk | Dominion - Sharon to High | Dominion Middle School | 520 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P294 | Crosswalk | Merton Dr & Bourke Rd | Valley Forge Elementary School | 520 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P305 | Bumpout | Summit & 8th (S leg) | Weinland Park Elementary School | 520 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L15 | Build sidewalk; Bike facility | Hilock - Parsons to Champion | Buckeye Middle School | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P34 | Crosswalk | Hilock & Lewis | Buckeye Middle School | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L69 | Build sidewalk | Norwood - Oakland Park to Huy | Huy Elementary School | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P134 | Crosswalk | Keeler & S. Hamilton service road | Leawood Elementary School | 518 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L100 | Build sidewalk | Medina - 22nd to Duxberry | Linden-McKinley STEM Academy | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P166 | Crosswalk | Ontario & 18th | Linden-McKinley STEM Academy | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P167 | Crosswalk | Ontario & 19th | Linden-McKinley STEM Academy | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P168 | Crosswalk | Ontario & 20th | Linden-McKinley STEM Academy | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P169 | Crosswalk | Ontario & 21st | Linden-McKinley STEM Academy | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P176 | Crosswalk | Lexington & Duxberry | Linden-McKinley STEM Academy | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P177 | Bumpout and crosswalk | Hamilton & Duxberry | Linden-McKinley STEM Academy | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |

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|--------|----------------|----------|------------------|----------------------------|----------|-----------|----------------|-------------------------|-------------------|--------|
| P196 | Crosswalk | Greenwich St & Greenwich St | Medina Middle School | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P158 | Bumpouts and crosswalk | Stewart & Ann | South High School | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P301 | Crosswalk | Briggs & Holly Hill | Wedgewood Middle School | 518 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P320 | Crosswalk | E 11th & St. Clair | Windsor STEM Academy | 518 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P93 | Crosswalk | Mayfair Blvd & Dale Ave | Fairmoor Elementary School | 510 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P94 | Crosswalk | Mayfair Blvd & Elbern Ave | Fairmoor Elementary School | 510 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P230 | Crosswalk | S Champion Ave & Williams Rd | Parsons Elementary School | 510 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P257 | Crosswalk | Argyle Dr & Brentnell Ave | South Mifflin STEM Academy | 510 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L148 | Off street trail | Souder to Pierce | Sullivant Elementary School | 510 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P297 | Crosswalk | Weirton Dr & Watkins Rd | Watkins Elementary School | 510 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P298 | Crosswalk | Watkins & Bluefield | Watkins Elementary School | 510 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L167 | Build sidewalk | Gladston - 19th to 25th | Windsor STEM Academy | 510 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L175 | Build sidewalk | Winterset - south of Henderson (fill gap, west side) | Winterset Elementary School | 510 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P181 | Bumpout | Whittier & Ohio | Livingston Elementary School | 508 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P223 | Bumpout | Ohio & Mound | Ohio Elementary School | 508 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P282 | Bumpout and crosswalk | Mt. Vernon & 20th | Trevitt Elementary School | 508 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L25 | Build sidewalk | Weisheimer/Sharon - school to Morse | Colerain Elementary School | 500 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L27 | Build sidewalk | Weisheimer - Colerain to Indianola (fill gaps) | Colerain Elementary School | 500 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P53 | Crosswalk | Sharon & Beaumont | Colerain Elementary School | 500 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P54 | Crosswalk | Sharon & Garden | Colerain Elementary School | 500 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L116 | Build sidewalk | Atwood Terrace - Piedmont to Oakland Park | Oakland Park Elementary School | 500 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P9 | Crosswalk | Avondale & State | Avondale Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P28 | Crosswalk | Gould & Ruhl | Broadleigh Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |

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|---|---|---|---|---|---|---|---|---|---|---|
| L29 | Build sidewalk | Beulah - Edgar, north (fill gaps) | Como Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P67 | Crosswalk | E Longview Ave & Reis Ave | Como Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L66 | Add sidewalks (2700 ft) | Mound - Harris to Wayne | Hilltonia Middle School | 498 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P132 | Crosswalk | S Hampton Rd & E Fulton St | Johnson Park Middle School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P133 | Crosswalk | E Livingston Ave & Zettler Rd | Johnson Park Middle School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L93 | Build sidewalk | Regina - Van Der Berg to Richardson | Lindbergh Elementary School | 498 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L109 | Build sidewalk | Walford - Case to Beaumont (fill gaps) | North Linden Elementary School | 498 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L110 | Build sidewalk | Case - Dresden to Walford | North Linden Elementary School | 498 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P213 | Crosswalk | Lake Club Dr & Saranac Dr | Oakmont Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P216 | Crosswalk | Bairsford Dr & Oakmont Dr | Oakmont Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P239 | Crosswalk | Hillery Rd & Norcross Rd | Salem Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P243 | Crosswalk | Crawford Dr & North Meadows Blvd | Salem Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P244 | Crosswalk | Lincoln & Crawford | Salem Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P249 | Crosswalk | Selkirk Rd & Cunard Rd | Scottwood Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P258 | Crosswalk | Vendome Dr & Elton Rd | South Mifflin STEM Academy | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P259 | Crosswalk | Bethesda Ave & Elton Rd | South Mifflin STEM Academy | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P261 | Crosswalk | Vendome Dr S & Holt Ave | South Mifflin STEM Academy | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L142 | Build sidewalk | 6th - Innis to alley | Southwood Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P265 | Crosswalk | E Innis Ave & S 6th St | Southwood Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P266 | Crosswalk | S 6th St & E Woodrow Ave | Southwood Elementary School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P315 | Crosswalk | N Ogden Ave & Steele Ave | Westmoor Middle School | 498 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P290 | Crosswalk | Kingshill Dr & Upland Dr | Valley Forge Elementary School | 492 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P291 | Crosswalk | Urban Dr & Vanlear Rd | Valley Forge Elementary School | 492 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |

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|--------|----------------|----------|------------------|---------------------------|----------|-----------|----------------|------------------------|-------------------|--------|
| P292 | Crosswalk | Almont Dr & Urban Dr | Valley Forge Elementary School | 492 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P123 | Tighten SE corner turn radius/crossing distance | Mound & Wayne | Hilltonia Middle School | 490 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P161 | Crosswalk | Regina & Richardson | Lindbergh Elementary School | 490 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P170 | Crosswalk | Ontario & 22nd | Linden-McKinley STEM Academy | 490 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L119 | Build sidewalk | Walnut Hills Park - Oakmont to Saranac | Oakmont Elementary School | 490 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P248 | Crosswalk | Seabrook Ave & Coburg Rd | Scottwood Elementary School | 490 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P300 | Crosswalk | Briggs & Maurine | Wedgewood Middle School | 490 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P321 | Enhance Crossing | Brooks & Chittenden | Windsor STEM Academy | 490 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P231 | Bumpouts and crosswalk | Parsons Ave & Williams Rd | Parsons Elementary School | 488 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P137 | Crosswalk | Dundee Ave & Elaine Rd | Leawood Elementary School | 486 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P199 | Crosswalk | Belcher Dr & Walford St | North Linden Elementary School | 486 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P39 | Crosswalk | Abney Rd & Bartfield Dr/Edendale Rd | Cedarwood Elementary School | 480 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P42 | Crosswalk | Edendale Rd & Harland Dr | Cedarwood Elementary School | 480 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L95 | Build sidewalk | Bancroft - Hudson to Republic | Linden STEM Academy | 478 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P252 | Crosswalk | Shady Lane Rd & Dundee Ave | Shady Lane Elementary School | 478 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L157 | Build sidewalk | Ridge - Harris to Richardson (fill gaps) | West Broad Elementary School | 478 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P314 | Crosswalk | Grace St & N Powell Ave | West Broad Elementary School | 478 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L161 | Build sidewalk | Springmont - Highland to Belvidere | West Mound Elementary School | 478 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L26 | Build sidewalk | Colerain - Weisheimer to Schreyer | Colerain Elementary School | 472 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P52 | Crosswalk | Wetmore Rd & Sharon Ave | Colerain Elementary School | 472 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P55 | Crosswalk | E Weisheimer Rd & Colerain Ave | Colerain Elementary School | 472 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P58 | Crosswalk | Sharon Ave & E Royal Forest Blvd | Colerain Elementary School | 472 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P59 | Crosswalk | Sharon Ave & E Beechwold Blvd | Colerain Elementary School | 472 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |

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|---|---|---|---|---|---|---|---|---|---|---|
| P106 | Crosswalk | Randell & Holly Hill | Georgian Heights Elementary School | 472 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P107 | Crosswalk | Savannah Dr & Briggs Rd | Georgian Heights Elementary School | 472 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P29 | Crosswalk | Maryland & Gould | Broadleigh Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P30 | Crosswalk | Maryland & Harding | Broadleigh Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P38 | Crosswalk | Gatewood & Chelford | Cassady Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P60 | Crosswalk | Reis & Melrose | Como Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L41 | Build sidewalk | Woodland - Myrtle to Earl (fill gaps) | East Linden Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L43 | Build sidewalk | Aberdeen - Perdue to end | East Linden Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P82 | Crosswalk | Woodland Ave & Minnesota Ave | East Linden Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L46 | Build sidewalk | Stratford, west of Greenway | Eastgate Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P85 | Crosswalk | Chancery Way & Maryland Ave | Eastgate Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P86 | Crosswalk | Greenway Ave N & Stratford Way | Eastgate Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P89 | Crosswalk | Meridian Rd & New Village Rd | Easthaven Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L67 | Fill in sidewalk gaps, E side (340 ft) | Wayne - north/south of Springmont | Hilltonia Middle School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L78 | Widen sidewalk | Kohr - Innis to school | Innis Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P138 | Crosswalk | Montaine Ave & Fox Chaple Dr | Liberty Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P141 | Crosswalk | Falcon Bridge Dr & Chaumonte Ave | Liberty Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P142 | Crosswalk | Fox Chaple Dr & Chaumonte Ave | Liberty Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P143 | Crosswalk | Falcon Bridge Dr & Paladim Rd | Liberty Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P162 | Crosswalk | Schurtz & St. Cecelia | Lindbergh Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P163 | Crosswalk | Wynwood Ave & St Cecelia Dr | Lindbergh Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L106 | Build sidewalk | Piedmont - Karl to Walmar | Medina Middle School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L113 | Build sidewalk | Waymont - east of Heaton | Northtowne Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |

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|---|---|---|---|---|---|---|---|---|---|---|
| P204 | Crosswalk | Northtowne Blvd & Trent Rd | Northtowne Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P205 | Crosswalk | Northtowne Blvd & Balmoral Rd | Northtowne Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P206 | Crosswalk | Northtowne Blvd & Margo Ct | Northtowne Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P207 | Crosswalk | Heaton Rd & Carahan Rd/Waymont Rd | Northtowne Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P240 | Crosswalk | North Meadows Blvd & Hillery Rd | Salem Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P242 | Crosswalk | North Meadows Blvd & Garvey Rd | Salem Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P245 | Crosswalk | Lincoln/Sweeting & Stock | Salem Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L138 | Build sidewalk | Barnett - Scottwood, north | Scottwood Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P250 | Crosswalk | Cunard Rd & Scottwood Rd | Scottwood Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P251 | Crosswalk | Betsy Dr & Country Club Rd | Shady Lane Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P256 | Crosswalk | Lancashire Rd & Argyle Dr | South Mifflin STEM Academy | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L144 | Build sidewalk | S. 6th - Southwood to Markinson (fill gaps) | Southwood Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P284 | Crosswalk (offset intersection) | St. Clair & Atcheson | Trevitt Elementary School | 470 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L151 | Build sidewalk | Hague - Valleyview to Dibblee | Valleyview Elementary School | 470 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L152 | Build sidewalk | Valleyview - Hague to Eureka | Valleyview Elementary School | 470 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P79 | Bumpouts and crosswalk | Rarig and E 10th | East Columbus Elementary School | 468 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P153 | Crosswalk | S 17th St & Southwood Ave | Lincoln Park Elementary School | 468 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P155 | Bumpouts and crosswalk | Ann & Welch | Lincoln Park Elementary School | 468 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P283 | Bumpout and crosswalk | Atcheson & 20th | Trevitt Elementary School | 468 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P286 | Crosswalk | Ohio & Toronto | Trevitt Elementary School | 468 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P288 | Bumpout | Champion & Atcheson | Trevitt Elementary School | 468 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P318 | Crosswalk | Cleveland/Camden/Leona (east side) | Windsor STEM Academy | 468 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P131 | Bumpout | Weber & Tibet | Indianola Informal School | 464 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |

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|---|---|---|---|---|---|---|---|---|---|---|
| L3 | Fill in sidewalk gaps | Cleveland (west side) - Woodley to Minerva Lake | Avalon Elementary School | 460 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L75 | Build sidewalk | Woodsedge - Winding Hills/Woodsedge Ct to Broadleaf | Innis Elementary School | 458 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L76 | Build sidewalk | Woodsedge - Woodsedge Ct, south | Innis Elementary School | 458 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P135 | Crosswalk | Vineshire Dr & Vineshire Ln (western intersection) | Leawood Elementary School | 458 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L158 | Build sidewalk, add crosswalks | Grace - Roys to Hague (fill gaps) | West Broad Elementary School | 458 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P81 | Enhance Crossing | 5th & Cassady | East Columbus Elementary School | 456 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P23 | Crosswalk | Roys & Rosedale | Binns Elementary School | 452 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P25 | Crosswalk | Stephen & Brinker | Binns Elementary School | 452 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P40 | Crosswalk | Christie Rd E & Bartfield Dr | Cedarwood Elementary School | 452 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P41 | Crosswalk | Bradwell Dr & Edendale Rd | Cedarwood Elementary School | 452 | Medium | 4-7 years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P43 | Add Pedestrian Signal & sidewalk connection | Harland Dr & Parsons Ave | Cedarwood Elementary School | 450 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P295 | Crosswalk; Bumpout (NW corner) | N Hague Ave & Valleyview Dr | Valleyview Elementary School | 450 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P313 | Crosswalk | Ridge & Harris | West Broad Elementary School | 450 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P329 | Crosswalk | Boxwood Dr & Redwood Rd | Woodward Park Middle School | 450 | Medium | 4-7 years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P88 | Bumpouts and crosswalk | Courtright Rd & Petzinger Rd | Easthaven Elementary School | 448 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P96 | Bumpout | Fairwood & Mound | Fairwood Elementary School | 448 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L170 | Build sidewalk | Village/Ingham - existing to Dominion | Indian Springs Elementary School | 448 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P219 | Bumpout | Bryden & Kelton | Ohio Elementary School | 448 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P4 | Crosswalk | Teakwood & Aqua | Avalon Elementary School | 440 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P11 | Crosswalk | Severn & Berwick | Berwick Alternative School | 440 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P17 | Crosswalk | Scottwood & James | Berwick Alternative School | 440 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P45 | Bumpout and crosswalk | Ohio @ Metro/alley | Champion Middle School | 440 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L40 | Build sidewalk | Alton - 7th to 10th | East Columbus Elementary School | 440 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |

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|--------|----------------|----------|------------------|----------------------------|----------|-----------|----------------|-------------------------|-------------------|--------|
| P154 | Crosswalk | 17th & Jenkins | Lincoln Park Elementary School | 440 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P156 | Bumpouts and crosswalk | Ann & Woodrow | Lincoln Park Elementary School | 440 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L101 | Build sidewalk | Markison - S. 19th to Champion | Lincoln Park Elementary School | 440 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P190 | Crosswalk | Forest St & S 18th St | Livingston Elementary School | 440 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L134 | Build sidewalk | Cushing - Cunard to Selkirk | Scottwood Elementary School | 436 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L135 | Build sidewalk | Rand - Livingston to Rand Ct | Scottwood Elementary School | 436 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P247 | Crosswalk | Seabrook & Cunard | Scottwood Elementary School | 436 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P18 | Bumpouts and crosswalk | Hague & Eakin | Binns Elementary School | 430 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P71 | Pedestrian Crossing Analysis | Argyle & Woodland | Duxberry Park Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P72 | Crosswalk | Dysart Ave & E 23rd Ave | Duxberry Park Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P98 | Crosswalk | Blue Ash & Larkwood | Forest Park Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L74 | Build sidewalk | Walnut Creek - Stonehenge, south | Innis Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P136 | Crosswalk | Vineshire Dr & Vineshire Ln (eastern intersection) | Leawood Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P164 | Crosswalk | Bancroft St & Genessee Ave | Linden STEM Academy | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P165 | Crosswalk | Joyce & Genessee | Linden STEM Academy | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P195 | Crosswalk | Shanley & Blythe | Maize Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P203 | Crosswalk | Elmore Ave & Dresden St | North Linden Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L140 | Build sidewalk | Gertrude - Jed to Jed | Shady Lane Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P310 | Crosswalk | N Burgess Ave & Grace St | West Broad Elementary School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P333 | Crosswalk | Urban Dr & Kingshill Dr | Woodward Park Middle School | 430 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P49 | Crosswalk | Calumet & California | Clinton Elementary School | 428 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P90 | Raised Intersection with Enhanced Crosswalks | Fair & Ashburton | Fairmoor Elementary School | 428 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P95 | Crosswalk | S Weyant Ave & Plymouth Ave | Fairmoor Elementary School | 428 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |

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|--------|----------------|----------|------------------|---------------------------|----------|-----------|----------------|------------------------|-------------------|--------|
| P101 | Pedestrian Crossing Analysis | Godown & Slade | Gables Elementary School | 428 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L72 | Build sidewalk | Weber - Findley to Calumet | Indianola Informal School | 428 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L143 | Build sidewalk | 6th - Woodrow to Welch (fill gaps) | Southwood Elementary School | 428 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P323 | Crosswalk | Larwell Dr & Larwell Dr | Winterset Elementary School | 428 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P324 | Crosswalk | Rayne Ln & Larwell Dr | Winterset Elementary School | 428 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P325 | Crosswalk | Weybridge Rd & Winterset Dr | Winterset Elementary School | 428 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P56 | Pedestrian Crossing Analysis | Morse & Sharon | Colerain Elementary School | 422 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P35 | Improve Ped Signal to RRFB | Parsons & Ziegler | Buckeye Middle School | 420 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P139 | Pedestrian Crossing Analysis; Crosswalks | Refugee & Barrows/Fox Chaple | Liberty Elementary School | 420 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P182 | Crosswalk | Sycamore & Studer | Livingston Elementary School | 420 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L129 | Build sidewalk | Williams - Basswood to 18th | Parsons Elementary School | 420 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Northern end of project completed by City |
| P232 | Crosswalk | Stockbridge Rd & S 8th St | Parsons Elementary School | 420 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P233 | Crosswalk | Rumsey Rd & S 8th St | Parsons Elementary School | 420 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P234 | Crosswalk | Colton Rd & S 8th St | Parsons Elementary School | 420 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P235 | Crosswalk | S 8th St & Williams Rd | Parsons Elementary School | 420 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L147 | Build sidewalk | Pierce Drive/ Van Buren Drive/ Buchanan Drive (loop west, Souder to Souder) | Sullivant Elementary School | 420 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P241 | Crosswalk | N. Meadows & Roche | Salem Elementary School | 416 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P10 | Crosswalk | Berwick & Kenwick | Berwick Alternative School | 412 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P12 | Crosswalk | Roosevelt & Schaaf | Berwick Alternative School | 412 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P13 | Crosswalk | Roosevelt & Stafford | Berwick Alternative School | 412 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P14 | Crosswalk | Scottwood & Wakefield W | Berwick Alternative School | 412 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P15 | Crosswalk | Scottwood & Wakefield E | Berwick Alternative School | 412 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |

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| P26 | Crosswalk | Eakin & Stephen | Binns Elementary School | 410 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L68 | Add pathway | behind school, from school to Forest Creek Circle (200 ft) | Hilltonia Middle School | 410 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L28 | Build sidewalk | Osceola - Weber to Akola (fill gaps) | Como Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L30 | Build sidewalk | Reis - Wainwright to North Broadway | Como Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L31 | Build sidewalk | Como - Reis to McGuffey | Como Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P65 | Crosswalk | Azelda Ave & E Como Ave | Como Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P66 | Crosswalk | Como & Pontiac | Como Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L97 | Build sidewalk | Dresden - Hudson to Myrtle | Linden-McKinley STEM Academy | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L107 | Build sidewalk | Lockbourne - Moler to south of Frebis, E side (fill gaps) | Moler Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P200 | Bumpouts and crosswalk | Walford and Ferris | North Linden Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P212 | Crosswalk | Lake Club Dr & Channingway Blvd | Oakmont Elementary School | 408 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P264 | Crosswalk | S 6th St & Reeb Ave | Southwood Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P267 | Crosswalk | E Hinman Ave & S 6th St | Southwood Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P270 | Bumpout and crosswalk | 4th & Morrill | Southwood Elementary School | 408 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L168 | Build sidewalk | Leona (east side) | Windsor STEM Academy | 408 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P317 | Signal Analysis - incorporate Sidney into signal | E 5th & Sidney | Windsor STEM Academy | 408 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P22 | Crosswalk | Roys & Eakin | Binns Elementary School | 402 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P27 | Improve Ped Signal to RRFB | Briggs & Harris | Binns Elementary School | 402 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P91 | Bumpout | Mayfair Park Pl & S Ashburton Rd | Fairmoor Elementary School | 400 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P92 | Bumpout | Mayfair Park Pl & Mayfair Blvd | Fairmoor Elementary School | 400 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L9 | Build sidewalk | Severn/Berwick/Kenwick - Scottwood to Dover/Haddon | Berwick Alternative School | 398 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L85 | Build sidewalk | Dundee - Elaine to Burlington | Leawood Elementary School | 396 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L86 | Build sidewalk | Carlton - Elaine west to existing (fill gaps) | Leawood Elementary School | 396 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |

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|--------|----------------|----------|------------------|----------------------------|----------|-----------|----------------|-------------------------|-------------------|--------|
| L108 | Build sidewalk | Walford - Luxury to Walford | North Linden Elementary School | 396 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L162 | Build sidewalk | Belvidere - Safford to Sullivant | West Mound Elementary School | 396 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L12 | Build sidewalk | Rosedale - Roys to Hague | Binns Elementary School | 390 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P20 | Crosswalk | Rosedale & Wiltshire | Binns Elementary School | 390 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L117 | Build sidewalk | Hiawatha - Weber to Weldon | Oakland Park Elementary School | 390 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P211 | Crosswalk | Hiawatha & Mohican | Oakland Park Elementary School | 390 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P33 | Crosswalk | Hilock & Champion | Buckeye Middle School | 388 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P48 | Crosswalk | Clinton Heights Ave & Calumet St | Clinton Elementary School | 388 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P51 | Crosswalk | Olentangy St & Calumet St | Clinton Elementary School | 388 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P102 | Crosswalk | Slade & Portland | Gables Elementary School | 388 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P103 | Crosswalk | Drew & Willoughby | Gables Elementary School | 388 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L111 | Build sidewalk | Dresden - Case to Ferris | North Linden Elementary School | 388 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P228 | Crosswalk | Red Robin Rd & Tamarack Blvd | Parkmoor Elementary School | 388 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L141 | Build sidewalk | Shady Lane - Healy to Ludington (fill gaps) | Shady Lane Elementary School | 388 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| P263 | Crosswalk | S 6th St & E Barthman Ave | Southwood Elementary School | 388 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L159 | Build sidewalk, add crosswalks | Grace - Orel to Roys | West Broad Elementary School | 388 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| P326 | Bumpout | Winterset Dr & W Henderson Rd | Winterset Elementary School | 386 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P31 | Crosswalk | Maryland & Virginialee | Broadleigh Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P62 | Crosswalk | Como & Howey | Como Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P63 | Crosswalk | E Como Ave & Atwood Ter | Como Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P64 | Crosswalk | E Como Ave & Hiawatha St | Como Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L42 | Build sidewalk | Myrtle/Rankin – Perdue to Republic | East Linden Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P83 | Crosswalk | Perdue Ave & Aberdeen Ave | East Linden Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |

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|---|---|---|---|---|---|---|---|---|---|---|
| L45 | Build sidewalk | Chancery - Maryland to Stratford | Eastgate Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P87 | Bumpouts and crosswalk | Woodland Ave & Greenway Ave | Eastgate Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P124 | Tighten SE corner turn radius/crossing distance | Ogden & Whitehead | Hilltonia Middle School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L94 | Build sidewalk | Schurtz Ave/ St. Cecelia Dr / Wynwood Ave - Bronwyn to pathway | Lindbergh Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L104 | Build sidewalk | Maize near Cooke intersection | Maize Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P198 | Add crosswalk signage; consider RRFB at this location or move to corner | Moler/W of school | Moler Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L114 | Build sidewalk | Sharbot - west of Heaton | Northtowne Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P208 | Crosswalk | Heatherton & Margo | Northtowne Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P209 | Crosswalk | Heatherton Dr & Balmoral Rd | Northtowne Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P210 | Crosswalk | Sharbot & Heaton | Northtowne Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L139 | Build sidewalk | Barnett - Penfield to Roswell | Scottwood Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P260 | Crosswalk | Argyle Dr & Vendome Dr S | South Mifflin STEM Academy | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P268 | Crosswalk | 6th & Morrill | Southwood Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P269 | Crosswalk | 6th & Welch | Southwood Elementary School | 380 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P322 | Add lighting | Cleveland, under RR bridge | Windsor STEM Academy | 378 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L11 | Fill in sidewalk gaps | Stephen - Brinker to Salisbury | Binns Elementary School | 370 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L34 | Build sidewalk | Joyce - E 23rd to Hudson | Duxberry Park Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P73 | Crosswalk | E 25th Ave & Joyce Ave | Duxberry Park Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P74 | Bumpout | E Hudson St & Joyce Ave | Duxberry Park Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L77 | Off street trail | Innis Elementary to Woodsedge | Innis Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L84 | Build sidewalk | Vinshire - Elaine to east of Vinshire/existing | Leawood Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L103 | Build sidewalk | Loring - Sandy Lane to Emslie | Maize Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L112 | Build sidewalk | Elmore/Dresden - Karl to Coronet | North Linden Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |

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|---|---|---|---|---|---|---|---|---|---|---|
| P202 | Crosswalk | Case Rd & Dresden St | North Linden Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L156 | Build sidewalk, add crosswalks | Grace - Hague to Eureka | West Broad Elementary School | 368 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| P311 | Crosswalk | Grace St & N Warren Ave | West Broad Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P312 | Crosswalk | Grace St & N Harris Ave | West Broad Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L163 | Build sidewalk | Safford - Belvidere to Townsend | West Mound Elementary School | 368 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L53 | Build sidewalk | Godown - Bethel to Slade | Gables Elementary School | 366 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L71 | Widen sidewalk | High - Glenmont to Indian Springs (E side) | Indian Springs Elementary School | 366 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L169 | Off street trail | Bunker Hill - west of Marblehead to Kenny | Winterset Elementary School | 366 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L10 | Build sidewalk | Roys - Rosedale to Mound | Binns Elementary School | 362 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P21 | Crosswalk | Rosedale & Chestershire | Binns Elementary School | 362 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P24 | Crosswalk | Roys & Mound | Binns Elementary School | 362 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L19 | Build sidewalk | Ashwood - Parsons to Abney | Cedarwood Elementary School | 362 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L115 | Build sidewalk | Urana - Karl to end | Oakland Park Elementary School | 362 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L44 | Build sidewalk | Capital Park, north of Agler | East Linden Elementary School | 360 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L47 | Build sidewalk | Petzinger - New Village to Courtside | Easthaven Elementary School | 358 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| P183 | Crosswalk | Sycamore & Linwood | Livingston Elementary School | 358 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L128 | Build sidewalk | Williams - 18th to Champion | Parsons Elementary School | 358 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| L8 | Build sidewalk; Bike facility | Scottwood - Roosevelt to James | Berwick Alternative School | 350 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L35 | Build sidewalk | Argyle - Woodland west to existing | Duxberry Park Elementary School | 340 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P201 | Crosswalk | Walford St & Case Rd | North Linden Elementary School | 340 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P309 | Crosswalk | N Richardson Ave & Grace St | West Broad Elementary School | 340 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L164 | Off street trail | Windsor to E 17th (old rail line) | Windsor STEM Academy | 340 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L1 | Build sidewalk | Maple Canyon (west side) - Jewett to Deewood | Alpine Elementary School | 330 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |

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|---|---|---|---|---|---|---|---|---|---|---|
| P2 | Crosswalk | Maple Canyon & Deewood | Alpine Elementary School | 330 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P3 | Crosswalk | Jewett & Maple Canyon | Alpine Elementary School | 330 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P84 | Bumpout and crosswalk | Agler Rd & Perdue Ave | East Linden Elementary School | 326 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L131 | Build sidewalk | Busch/Shapter - 161 to Northgate | Salem Elementary School | 326 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L6 | Build sidewalk | Roosevelt/Schaaf - Floribunda to Rose View | Berwick Alternative School | 322 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L7 | Build sidewalk | Kenwick - Scottwood to Kenview | Berwick Alternative School | 322 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P16 | Crosswalk | Scottwood & Kenwick | Berwick Alternative School | 322 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P100 | Crosswalk | Tamarack Blvd & Rocky Pine Loop S | Forest Park Elementary School | 320 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P99 | Crosswalk | Larkwood & Rocky Pine Loop S | Forest Park Elementary School | 320 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L122 | Off street trail | Connect Chatford with Chatford/Lake Club | Oakmont Elementary School | 320 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L55 | Build sidewalk | McKitrick - Bethel to Fontenay | Gables Elementary School | 318 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L120 | Build sidewalk | Lake Club Dr/Chatford Dr - Saranac to Chatford/end | Oakmont Elementary School | 318 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| L153 | Build sidewalk | Rhoades/Koebel - Watkins to Kobel | Watkins Elementary School | 310 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| L2 | Build sidewalk | Skywae - Schrock, south 260 ft | Alpine Elementary School | 302 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| P1 | Crosswalk | Sharon Woods & Jewett | Alpine Elementary School | 302 | Low | 8+ years | Low | SRTS | Infrastructure Team | Not yet implemented |
| L79 | Build sidewalk | Innis - Anita to Calimero | Innis Elementary School | 290 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| L125 | Build sidewalk | Tamarack - Morse to Sharbot (fill gaps) | Parkmoor Elementary School | 278 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| P61 | Crosswalk | E Como Ave & Grasmere Ave | Como Elementary School | 270 | Low | 8+ years | Medium | SRTS | Infrastructure Team | Not yet implemented |
| L54 | Build sidewalk | Godown - Lorraine to Lane on the Lake | Gables Elementary School | 248 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |
| L56 | Build sidewalk | Dierker - Bethel to Henderson | Gables Elementary School | 126 | Low | 8+ years | High | SRTS | Infrastructure Team | Not yet implemented |

# 6.0: ENDORSEMENTS

The Columbus Safe Routes to School (SRTS) Program, in partnership with Columbus City Schools (CCS), strives for each student to be highly educated, prepared for leadership and service, and empowered for success as a citizen in a global community that supports and enhances safe walking and biking to school by focusing on health and equity through engineering, enforcement, evaluation, education and encouragement.

The undersigned endorse these goals and pledge to support this School Travel Plan and the Columbus SRTS Program.
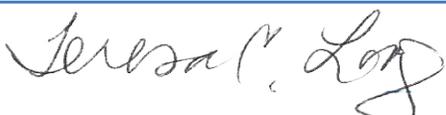
| Name | Organization | Signature |
|---|---|---|
| Dan Good, Ph.D. | Superintendent/CEO, Columbus City Schools | |
| Gary L. Baker, II | President, Columbus City Schools Board of Education | |
| Andrew Ginther | President, Columbus City Council | |
| Eric Phillips | MORPC, Board Chair, and Marysville and Union County Economic Development Director | |
| William Murdock, AICP | Executive Director, MORPC | |
| Teresa Long, MD, MPH | Health Commissioner, Columbus Public Health | |
| Alex Smith | Coordinator, Columbus SRTS | |