

Garfield Elementary School

School Zone Improvements				
Improvement Category	Priority Sequence	Improvement	Location	Remarks
A		Add Advanced School Zone Warning Signs	J Street and L Street	Establish school zone boundary on local streets
A		Add Supplemental Plaque to Existing Advanced School Zone Signs	See Proposed "B's" on Map Drawing	To comply with MnMUTCD Requirements - Compliance Date January, 11, 2011
A		Add and/or remove School Crosswalk Warning Signs	Add at school crosswalks within the school zone per "C's" on Map Drawing; Remove existing signs as indicated.	MMUTCD stipulates that school crossing signs shall not be used on approaches to intersections controlled by a stop sign
A		Add High Visibility Crosswalk markings	At school crosswalks within the school zone	Use Zebra style crosswalks
A		Remove crosswalk markings	At marked crosswalks within the school zone that are not part of intended safe route to school	Remove/obliterate markings or discontinue maintenance replacement of them
B		Reconstruct Curb & Gutter	Intersection of L Street and 11th Avenue NE	Reduce crossing width; Create off street pedestrian refuge; Reduce speed of turning vehicles; Reduce u-turns at intersection
B		Add ADA compliant curb ramps and sidewalk pads	At patrolled school crosswalks where sidewalks are not in place	Provide off street refuge; Ramps and pads can be done independently or with proposed sidewalks
C		Perform inventory of ADA compliant curb ramps and sidewalks	Existing pedestrian facilities - Citywide	As part of PROWAG required management plan
B		Change bus and parent loading locations	Move bus load zone to 11th Avenue NE Move parent loading zone to 10th Avenue NE	Change requires construction of sidewalk and parking restrictions on 11th Avenue

Sidewalks and Trail Improvements

Improvement Category	Priority Sequence	Street	From	To	Preferred Side	Remarks
C		N Street	Mills Avenue	13th Avenue NE	South	Gustafson Park on south side
B		L Street	Mills Avenue	10th Avenue NE	South	Extension of walks from school grounds
B		L Street	11th Avenue NE	13th Avenue NE	TBD	Extension of walks from school grounds
B		J Street	9th Avenue NE	10th Avenue NE	North	Extension of walks from school grounds
B		J Street	11th Avenue NE	13th Avenue NE	North	Extension of walks from school grounds
C		J Street	13th Avenue NE	Lum Park Road	TBD	Connection to Lum Park
C		H Street	Mill Avenue	13th Avenue NE	North	System connection / extension
C		9th Avenue	Q Street	N Street	TBD	Connection to Memorial Park
B		10th Avenue	N Street	L Street	East	Extension of walks from school grounds
B		10th Avenue	J Street	H Street	East	Extension of walks from school grounds
C		10th Avenue	H Street	TH 210	East	System extension / connection
B		11th Avenue	L Street	J Street	West	Needed for proposed bus loading zone
C		13th Avenue	N Street	TH 210	TBD	System extension / connection
C		Lum Park Road	TH 210	J Street	East	System extension / connection

Harrison Elementary School

School Zone Improvements				
Improvement Category	Priority Sequence	Improvement	Location	Remarks
A		Add Advanced School Zone Signs	15th Street SE, 16th Street SE and Norwood Street	Establish school zone boundary on local streets
A		Add and/or remove School Crosswalk Warning Signs	Add at school crosswalks within the school zone per "C's" on Map Drawing; Remove existing signs as indicated.	MMUTCD stipulates that school crossing signs shall not be used on approaches to intersections controlled by a stop sign
A		Add High Visibility Crosswalk markings	At school crosswalks within the school zone	Use Zebra style crosswalks
A		Remove crosswalk markings	At marked crosswalks within the school zone that are not part of intended safe route to school	Remove/obliterate markings or discontinue maintenance replacement of them
C		Perform inventory of ADA compliant curb ramps and sidewalks	Existing pedestrian facilities - Citywide	As part of PROWAG required management plan

Sidewalks and Trail Improvements						
Improvement Category	Priority Sequence	Street	From	To	Preferred Side	Remarks
C		Pine Street	16th Street SE	Beach Street	South	Provide parallel alternative to Oak Street; Connections to Jaycees Park and O'Brien Park
C		Pine Street (Extension)	Beach Street	Oak Ridge Road	NA	Trail on existing utility r/w corridor
C		19th Street SE	Oak Street	Jaycees Park East Access	TBD	System extension / connection
B		16th Street SE	Oak Street	Pine Street	West	Extension of sidewalk from school grounds
B		15th Street SE	Oak Street	Pine Street	East	Extension of sidewalk from school grounds
C		15th Street SE	Pine Street	Jaycees Park West Access	East	System extension / connection
C		Jaycee Park West Access	15th Street SE	Jaycees Park	TBD	System extension / connection
C		Jaycee Park East Access	Jaycees Park	19th Street SE	TBD	System extension / connection
C		13th Street SE	TH 210	Willow Street	TBD	System extension / connection along collector roadway

Lowell Elementary School

School Zone Improvements						
Improvement Category	Priority Sequence	Improvement	Location		Remarks	
A		Add Advanced School Zone Signs	3rd Avenue NE, 4th Avenue NE, H Street and G Street		Establish school zone boundary on local streets	
A		Relocate End School Zone Signs	H Street		To align with new School Zone boundary	
A		Add Supplemental Plaque to Existing Advanced School Zone Signs	See Proposed "B's" on Map Drawing		To comply with MnMUTCD Requirements - Compliance Date January, 11, 2011	
A		Add and/or remove School Crosswalk Warning Signs	Add at school crosswalks within the school zone per "C's" on Map Drawing; Remove existing signs as		MMUTCD stipulates that school crossing signs shall not be used on approaches to intersections controlled by a stop sign	
A		Add High Visibility Crosswalk markings	At school crosswalks within the school zone		Use Zebra style crosswalks	
B		Add school patrol crosswalks	Locations shown on map drawing		Adjust or add patrol assignments to serve crosswalks of highest need adjacent to the school grounds	
C		Perform inventory of ADA compliant curb ramps and sidewalks	Existing pedestrian facilities - Citywide		As part of PROWAG required management plan	
Sidewalks and Trail Improvements						
Improvement Category	Priority Sequence	Street	From	To	Preferred Side	Remarks
B		Fir Street	N 6th Street	N 8th Street	North	Eliminate gap in existing sidewalk corridor
C		E Street	4th Avenue NE	6th Avenue NE	South	System extension / connection
B		G Street	1st Avenue NE	3rd Avenue NE	North	Extension of sidewalk from school grounds; Connection to existing sidewalk network served by Evergreen Avenue sidewalk
C		2nd Avenue	G Street	F Street	East	System extension / connection
C		4th Avenue	M Street	H Street	West	Extension of sidewalk from school grounds
C		M Street	4th Avenue NE	Mills Avenue	North	System extension / connection to Mill Park
C		Mills Avenue	N Street	L Street	West	System extension / connection to Mill Park; Complimentary to Garfield area proposed sidewalks

Riverside Elementary School

School Zone Improvements						
Improve-ment Category	Priority Sequence	Improvement	Location			Remarks
A		Add Advanced School Zone Signs	Charles Street and Williams Street			Establish school zone boundary on local streets
A		Add Supplemental Plaque to Existing Advanced School Zone Signs	See Proposed "B's" on Map Drawing			To comply with MnMUTCD Requirements - Compliance Date January, 11, 2011
A		Add School Crosswalk Warning Signs	At all crosswalks within the school established school zone			To comply with MnMUTCD Standards
A		Add High Visibility Crosswalk markings	At school crosswalks within the school zone			Use Zebra style crosswalks
Sidewalks and Trail Improvements						
Improve-ment Category	Priority Sequence	Street	From	To	Preferred Side	Remarks
C		4th Street SW	Laurel Street	College Drive	East	System extension / connection; Complimentary river crossings - creates walking loop;
C		6th Street SW	Laurel Street	College Drive	TBD	System extension / connection;
C		Laurel Street	6th Street SW	5th Street SW	South	System extension / connection;
B		Williams Street	4th Street	3rd Street	South	Extension of sidewalk from school grounds
C		5th Street NW	TH 210	James Street	West	System extension / connection;
C		James Street	5th Street NW	8th Street NW	North	System extension / connection;
C		College Drive	Continuous			As planned with with College Drive Project

Baxter Elementary

School Zone Improvements						
Improvement Category	Priority Sequence	Improvement	Location		Remarks	
A		Add Advanced School Zone Signs	Fairview Road, TH 210, and Maplewood Drive		Establish school zone boundaries	
A		Add School Crosswalk Warning Signs	Add at school crosswalks within the school zone per "C's" on Map Drawing;		MMUTCD stipulates that school crossing signs shall not be used on approaches to intersections controlled by a stop sign	
A		Remove outdated school zone, school crossing & watch for children signs	Fairview Road		To comply with MnMUTCD Standards	
A		Add High Visibility Crosswalk markings	At school crosswalks within the school zone		Use Zebra style crosswalks	
B		Remove pedestrian crossing apurtenances from westerly crossing; Focus all crossings to the east crosswalk	TH 210 Intersection with Highland Scenic Road		Prohibit pedestrian crossing; remove crosswalk markings, push buttons, pedestrian signal indications;	
Sidewalks and Trail Improvements						
Improvement Category	Priority Sequence	Street	From	To	Preferred Side	Remarks
B		Highland Scenic Road (CR 48)	Cedardale Lane	Marohn/Foley Road	West	System extension / connection;
B		Highland Scenic Road	TH 210	Foley Road	East	System extension / connection; BNSF RD Crossing; Include safe waiting area at TH 210
C		Mountain Ash Drive	South of Highland Scenic Road		East	System extension / connection;
C		Memorywood Drive	Fairview Road	White Sand Road	TBD	System extension / connection; Existing walkers/bikers use paved shoulder
B		Fairview Road	Memorywood Drive	Maplewood Drive	North	System extension / connection; No alternative walking routes; Requires a feasibility study due to potential r/w issues
B		Fairview Road	Baxter Elementary	Knollwood Drive	North	System extension / connection; Requires a feasibility study due to potential r/w issues
C		Fairview Road	Knollwood Drive	Inglewood Drive	North	System extension / connection;
B		Knollwood Drive - East Side	TH 210	Fairview Road	East	System extension / connection;
C		Knollwood Drive - East Side	Fairview Road	Fairfax Court	East	System extension / connection;
C		Fountain Road	Knollwood Drive	Artward Drive	TBD	Planned with future residential development; Provides alternative route to Fairview Road
School Operational/Site Improvements						
Improvement Category	Priority Sequence	Improvement	Location		Remarks	
C		Visitor parking lot improvements	Parking area on west end of school		Resolve drainage issues; Prohibit parking on Maplewood Drive;	
C		New Visitor parking lot	On City cemetery grounds immediately north of school along Maplewood Drive		Coordinate school and cemetery schedules	
C		Student waiting shelter	Parent pick-up area at the NE parking lot		Wind and rain shelter to accommodate waiting students and encourage use of back parking lot	

Forest View Middle School

School Zone Improvements						
Improve-ment Category	Priority Sequence	Improvement	Location			Remarks
A		Add Advanced School Zone Signs; Remove existing	Add on Mapleton Road; Remove on Knollwood Drive			Extend School Zone Boundary onto Mapleton Road
A		Add School Crosswalk Warning Signs	Mapleton Road at Knollwood Drive			To comply with MnMUTCD Standards for school crossings
Sidewalks and Trail Improvements						
Improve-ment Category	Priority Sequence	Street	From	To	Preferred Side	Remarks
B		South school driveway	End of existing sidewalk	Knollwood Drive	South	Connection to existing trail on Mapleton Road
B		Knollwood Drive	South school driveway	Mapleton Road	West	Connection to existing trail on Mapleton Road
B		Highland Scenic Road	Parkwood Drive	Knollwood Drive	Northeast	Provide alternative to crossing high speed road at Parkwood
B		Highland Scenic Drive	Foley Road	Mountain Ash Drive	West	Complimentary to Baxter Elementary trail needs
C		Highland Scenic Drive	Knollwood Drive	Ironwood Drive	TBD	System extension / connection; Existing walkers/bikers use paved shoulders along high speed road
C		Mountain Ash Drive	Highland Scenic Drive	Mapleton Road	East	System extension/connection; City Planned Future Trail
C		Mapleton Road	Mountain Ash Drive	Existing Mapleton Road Trail	North	System extension/connection; City Planned Future Trail
C		Joler Road	Mountain Ash Drive	Savanaugh Oak Drive	TBD	System extension/connection; City Planned Future Trail
School Operational/Site Improvements						
Improve-ment Category	Priority Sequence	Improvement	Option			Remarks
C		Reduce parent pick-up traffic congestion	Option 1 - Add a bus loading and bus exit drive on west side of building; Convert north bus lot to parent loading area			Reduces queueing on Knollwood Drive and reduces bus/car congestion in south school driveway
			Option 2 - Add a bus exit drive from south bus lot to Mapleton Road			Reduces bus/car congestion in south school driveway

Enforcement Strategies			
Improve-ment Category	Priority Sequence	Proposed Strategies	Remarks
A		Adopt an enforcement plan complimentary to education and encouragement strategies	See SRTS report Section 9
A			
Educational and Encouragement Strategies			
Improve-ment Category	Priority Sequence	Proposed Strategies	Remarks
A		Develop a student curriculum that encourages walking, biking and healthy lifestyles	See SRTS report Section 8
A		Develop a parent / family informational flyer or brochure designed for each school	
A		Develop a driver awareness program which includes driving in school zones	