Iowans Walking Assessment Logistics Kit
A SRTS Program

Ocheyedan, Iowa
Additional maps for
Sibley-Ocheyedan Public School
Spring 2013

Funding provided by
This report contains additional maps for other communities that were not included in the primary school report.

A PDF version of this report, the school report and other supplementary materials is available at www.I-WALK.org
The map below uses Iowa Department of Transportation data from 2009 through April 2013 to identify the intersections where accidents occurred. Special consideration should be given to these intersections when identifying routes for walking programs.
Perceived Dangerous Intersections

The map below shows intersections that parents identified in the Parent/Child online survey as being dangerous. The definition of dangerous was a judgment of the parent with no specified criteria established.
Perceived Traffic Issues

The map below shows perceived traffic issues that parents identified in the Parent/Child online survey. The location of a particular traffic issue was up to the judgment of the parent with no specified criteria established.
Perceived Infrastructure Issues

The map below shows perceived infrastructure issues that parents identified in the Parent/Child online survey. Identified locations near the school or along major walking routes should be a top priority.
Damaged Sidewalks

Areas with damaged sidewalks identified by the volunteers using the iPhone device.

Transportation Data

- Poor - is uneven or has major cracks or missing concrete throughout
- Fair - has some major cracks and uneven areas, but still able to ride a bicycle
- Good - free of major cracks and uneven area, can easily walk or bicycle
Sidewalk Setbacks and Sidewalk Width

Using the iPhone devices, volunteers identified sidewalks that were not set back from the street as well as sidewalks not wide enough for two adults to walk side-by-side.
Street Lighting and Pleasant Routes

Volunteers evaluated at the midblock if they could see that street lighting was provided at the nearest intersection or along the street. Volunteers also identified if the particular street was pleasant to walk.

Transportation Data

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Basemap: Iowa DOT
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Using the iPhone devices, volunteers identified areas that they thought as an adult that a student would not feel safe crossing. In addition, specific intersections were also identified as being equally unsafe for an adult to cross.
Using the iPhone devices, volunteers identified intersections where the data collector did not consider there to be sufficient time to cross the street safely as well as intersections where items might make it difficult for motorists to see children or for children to see motorists.
Using the iPhone devices, volunteers identified intersections where the sidewalks did not have curb cuts connecting to the street and where the street might be too wide for a child to safely cross.
Using the iPhone devices, volunteers identified various infrastructure challenges (e.g., car blocking a sidewalk) and assets (e.g., presence of a bike rack).