Keystone Walk Audit

KEYSTONE, SOUTH DAKOTA
Community Demographics

- Population = 344 (2014)
  - 0-4 years: 5.5%
  - 5-17 years: 16.5%
  - 18-64 years: 65%
  - 65+ years: 13%

- Median age = 46.8 years
- South Dakota = 36.9 years

- +10.6% population increase from 2000

- 2 Million visitors per year to nearby Mt. Rushmore – travel through/visit Keystone
Summer Tourism Season
Summer Tourism Season
Why the Walk Audit?

- Identify issues/barriers to walking
- Education
- Catalyst for grants, projects
- Get everyone on the same page
Developing the Team

- Variety of Team Members
- Design professionals
- Business Owners
- City Staff
- Town Board Members
- Community Leaders
Planning for the Walk Audit

- **Supplies**
  - Safety Vests
  - Tape Measures
  - Clipboards & Pens
  - Camera(s)

- Maps of route(s)
- Walk Audit Survey
- Digital Level
- Water / Snacks
Training

- Overview of the Walk Audit Process
- Review of the Walk Audit Survey
- Stops after small walking segments
  - Overall feelings
  - Issues Identified
  - Opportunities / possible solutions
- Measurements to verify potential issues
  - Cross slopes
  - Ramp slopes
  - Tapers
  - Sidewalk widths
Walk Audit Tools

How walkable is Keystone?

5. Overall usability?
- Yes
- No
- Are there places to rest or benches?
- Yes
- No
- Are there places to pass other people on the sidewalk/path?
- Yes
- No
- Are there trees lining the route?
- Yes
- No
- Are there opportunities for multiple users such as walkers, runners, bikers?
- Yes
- No
- Does the sidewalk route have connections to other sidewalk remnants, bike paths, areas of interest?

How could it be better?

How does walk segment stack up?
Add up your ratings and decide.

1.
2.
3.
4.
5.
6.
Total:

Scoring Summary
50-59
Time to Celebrate! This is a great area of Keystone for walking!
60-69
Celebrate a little. The neighborhood is pretty good. Continue to look for ways to improve.
70-74
Okay, but needs work.
75-79
Area needs lots of work. Keystone deserves better!
80-99
It's a disaster for walking!

Other comments:

- Date of Walk Audit: 
- Location of Walk Audit:

1. Was there adequate room to walk?
- Yes
- No
- Some issues:
  - No Sidewalk, path or shoulder
  - Sidewalk is too narrow Width:
  - Sidewalk has obstacles/obstructions e.g. poles, signs, vegetation, parked vehicles, etc.
  - Traffic too close
  - Something else

2. Was it easy to cross streets, drivers?
- Yes
- No
- Some issues:
  - Need a longer, safer crossing time
  - Sidewalk is too narrow
  - Sidewalk has obstacles/obstructions e.g. poles, signs, vegetation, parked vehicles, etc.
  - Traffic too close
  - Something else

3. Was it easy to follow safety rules?
- Yes
- No
- Could you or a child:
  - Cross at crosswalks or on corner you could see and be seen by drivers?
  - Cross on sidewalks or shoulders facing traffic where there were no sidewalks?
  - Cross at crosswalks or where you could see and be seen by drivers?

4. Was your walk pleasant?
- Yes
- No
- Some unpleasant things:
  - Needed more grass, landscaping or trees
  - Needed more shade
  - Needed better views, sidewalk properties
  - Dirty, lots of litter or trash
  - Poor air quality due to automobile exhaust
  - Something else

5. Did drivers behave well?
- Yes
- No
- Some issues: Driveway,
  - Drives too fast or faster than speed limit
  - Speed up to make through traffic lights or drive through traffic
  - Something else

6. Did drivers behave well?
- Yes
- No
- Some issues: Driveway,
  - Drives too fast or faster than speed limit
  - Speed up to make through traffic lights or drive through traffic
  - Something else

Locations of problems

Rating: (circle one)
1 2 3 4 5 6

Finish on other side...
Walk Audit Routes

Route 1

Route 2
Walk Audit 1
Walk Audit 1
Walk Audit 1
Walk Audit 2
Walk Audit 2
Walk Audit 2
Walk Audit 2
Evaluating the Results

- Common Issues
  - Obstacles & obstructions
  - No sidewalk or missing portions
  - Crosswalks needed
  - No places to rest
  - Sidewalk too narrow
  - Maintenance needed / cluttered properties
  - Confusing path routing

- Average Overall Rating:
  12-17 points
  Area needs a lot of work. Keystone could do better!
Outcomes / Lessons Learned

- Outcomes
  - Better understanding of the issues
  - Common goal to improve walkability
  - Understanding of “good design”

- Lessons Learned
  - Next time break into smaller segments
Next Steps

- Discussions with SDDOT about planned upcoming projects
- Pedestrian Master Plan
- Identify some “low hanging fruit”
  - Pavement markings
  - Gaps in system
  - Sidewalk ramps
  - ADA accessibility
- Identify Grant Opportunities
- Prioritize Projects