

Community Focus Statement A: Improve the overall safety of the community.

Action Statement A.4: Construct sidewalks along Helendale Road and Shadow Mountain Road.

A4

Benchmark: Sidewalk committee coordinates with CSD and County Public Works for funding and implementation of mobility plan projects.

Champion: Volunteer group or person or can be identified by the community

Estimated Cost: Sidewalk (\$4,220,000 per mile) + Curb/Gutter (\$3,380,000 per mile) = \$7,600,000 per mile, additional cost dependent on the type and amount of improvements



Lack of sidewalks on Helendale Road does not provide safe pedestrian access to the school, equestrian facility or new community park. Photo source: Michael Baker International

The benefits of non-motorized infrastructure are many. This type of infrastructure offers another method of transportation for those without the ability to drive, improves the health and resiliency of a community, and can save money related to both infrastructure maintenance and individual transportation. For non-motorized transportation to be convenient and effective, adequate infrastructure and facilities (e.g., sidewalks) must be in place. Preparing a mobility plan to identify opportunities and needs gives the community of Helendale not only a solid plan to guide future development but also a mechanism for attaining funding for specific projects called out in the plan.

A mobility plan must be prepared and ultimately adopted by the County, but residents can accelerate and contribute to this process in a number of ways. A strong interest and request from the community, backed by local community groups and businesses, can show the importance and commitment to a plan, demonstrating that the County will have support and backing to create and implement the plan. Ongoing input from the community regarding the need for sidewalk facilities to increase accessibility, mobility, and safety on streets will be invaluable to the County for best serving the needs of the area.

The addition of sidewalks may call for safety features such as stop signs, traffic signals, and striping where necessary. Also, the mobility plan would consider the potential non-vehicular amenities in terms of a comprehensive list of improvements. For example, street lighting and marked crosswalks accompanying new sidewalks may be needed to create a safe and efficient pedestrian network. Also, Americans with Disabilities Act (ADA) accommodation would need to be considered during design and construction.

In the case of new development, the cost of sidewalks is often the financial responsibility of the project developer. In cases where sidewalks are desired after a corridor has been developed, the community is typically responsible for providing or identifying funding.

Helendale Road and Shadow Mountain Road are maintained by the County Department of Public Works; thus, coordination with Public Works will be critical.

Estimated Pedestrian Infrastructure Costs

Type	Typical Cost
Non-Vehicular Mobility Plan	\$50,000–\$100,000 depending the scope and area of the plan
Street Signs	\$800–1,000 per sign
Crosswalk Striping	\$1,000–\$5,000 per crosswalk
Traffic Signals	\$300,000–\$400,000 per signal
Wired Streetlights	\$6,000–\$7,000 per light
Solar Streetlights	\$5,000–\$6,000 per light
Sidewalk	\$20 per square foot

Action	Action Leader	Timeline	Objective Resources
1. Create a sidewalks committee	Champion	Month 1	Helendale Community Services District http://www.helendalecsd.org/ AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities Caltrans Complete Streets Program http://www.dot.ca.gov/transplanning/ocp/complete-streets.html
2. Define the project study area and desired project goals. Consider the potential changes to the area context in terms of rural- and urban-looking characteristics.	Sidewalks committee with CSD	Months 1–6	
3. Conduct initial coordination with the County Department of Public Works and the Helendale Community Services District.	Sidewalks committee with CSD	Months 3–6	
4. Identify potential mobility plan funding options including grants and funding through the Community Services District. Prepare grant applications as needed.	Sidewalks committee with CSD	Months 6–7	
5. Develop a mobility plan to document existing and future needs, as well as potential improvements. The study should include ADA accommodations and conceptual cost estimates for improvements.	Helendale Community Services District	Months 13–24	
6. Obtain community and stakeholder input on priorities of proposed improvements.	Sidewalks committee, Community Services District	Months 22–25	
7. Procure final design plans for proposed improvements.	County Public Works Department	Months 26–38	
8. Construct/implement corridor improvements.	County Public Works Department	Months 39–50	