

620 SOUTH & CANYON ROAD SAFETY IMPROVEMENTS





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Goal – initiate a combined collection of safety improvements & actions to minimize risk.

- Appropriate intersection design & functionality.
- Vehicle adherence to speed limits and traffic control devices.
- Pedestrian use of safety devices, coupled with situational awareness.
- Consistent and certain traffic enforcement.





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Safety Improvements

- Lower Speed Limit
 - 35 to 30 mph
- Radar Controlled Speed Signs approaching the intersection.
- Narrowing of Canyon Road.
 - Pavement width reduced from 40' to 33'.
- Pedestrian RRFB's





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Safety Improvement Option

- HAWK System
- MUTCD guidance:
 - *“The pedestrian hybrid beacon should be installed at least 100 feet away from side streets or driveways that are controlled by STOP or YIELD signs.”*
(MUTCD, Section 4F.02, paragraph 04-A.)
- Driver confusion at cross-streets.
- Unlikely pedestrian adherence.
- NOT recommended by City staff.



★ AI Overview

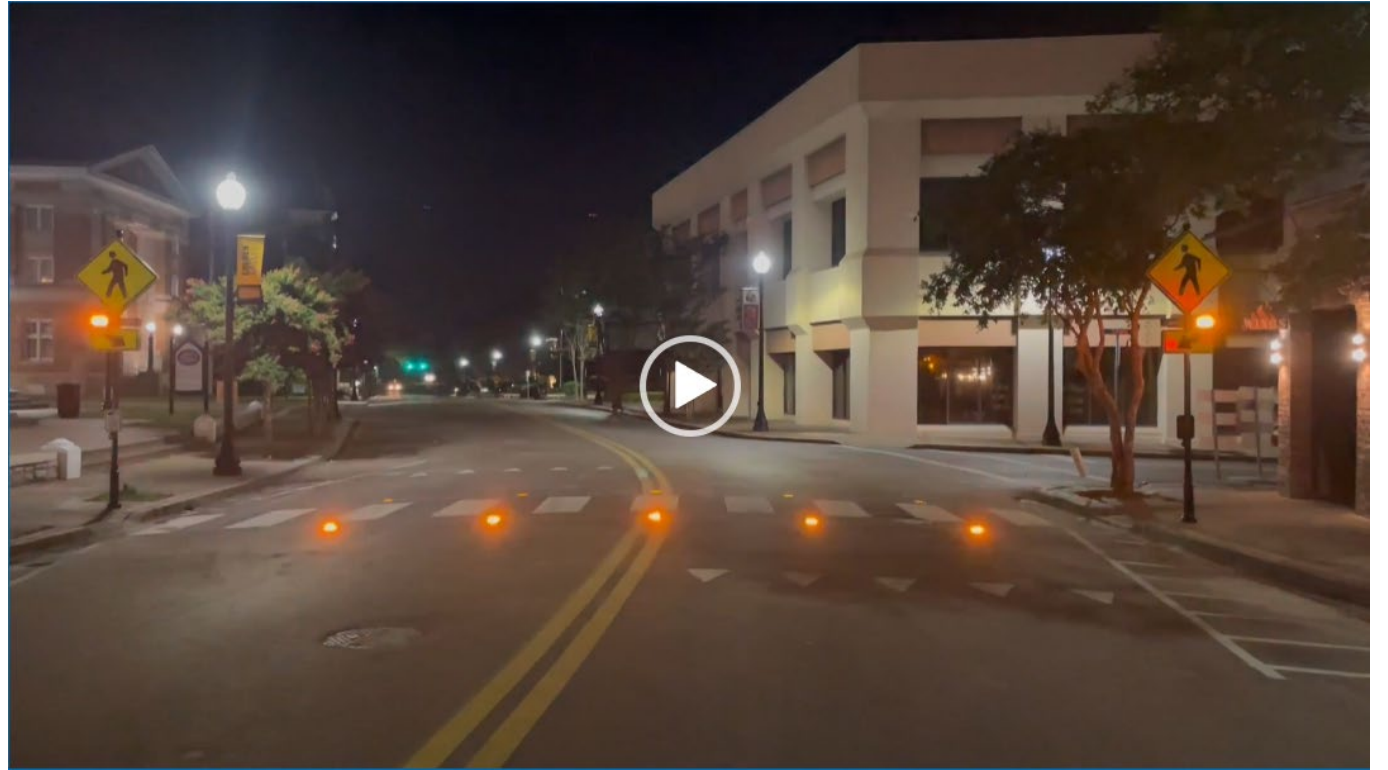
The Manual on Uniform Traffic Control Devices (MUTCD) guides the design and use of HAWK (High-Intensity Activated Crosswalk) signals, recommending their use at mid-block crossings with high pedestrian and bicycle volumes, where drivers and pedestrians can clearly see the signal.



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Additional Safety Improvements

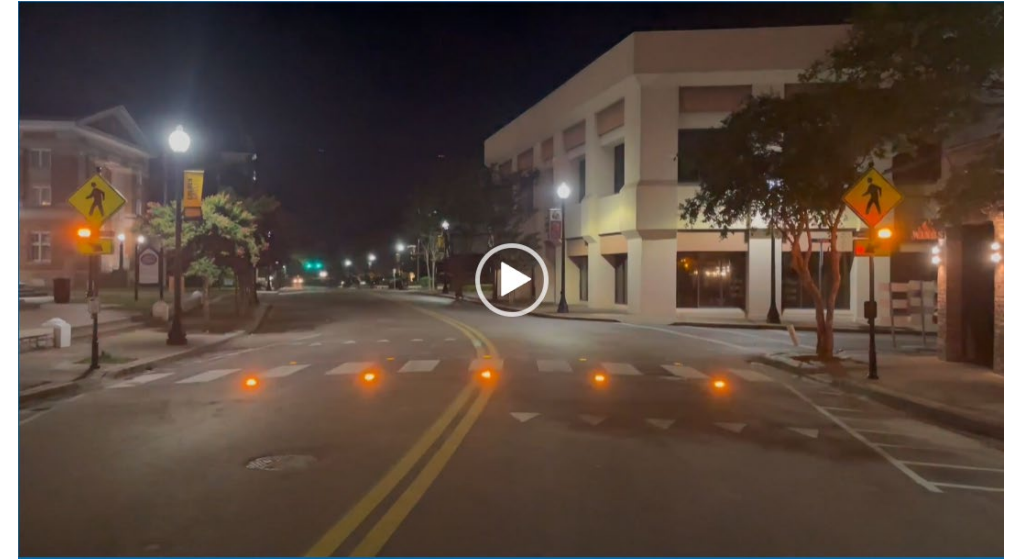
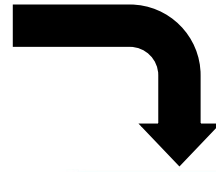
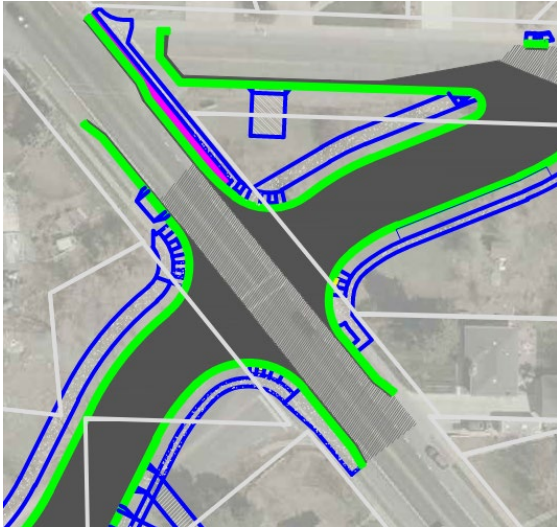
- In-Road Warning Lights
 - Pedestrian-activated.
 - Highly visible - day & night.
 - Work concurrent with pole-mounted RRFB's.
 - Lights shine directly in the driver's line-of-sight.
 - Snowplow safe.
 - Low maintenance.



Significantly increases driver awareness, thereby increasing pedestrian safety.



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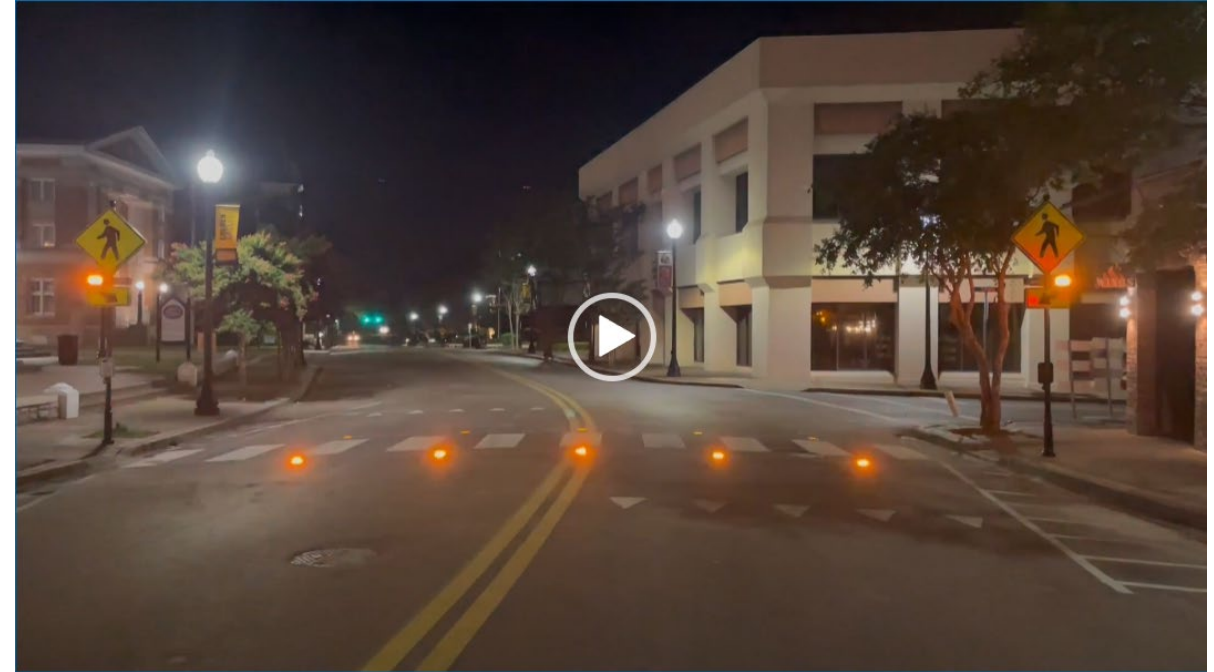
City staff assessment - this combined collection of safety improvements and actions will appropriately minimize pedestrian's risks while crossing Canyon Road.



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Staff Recommendation:

- **Installation** of In-Road Warning Lights (IRWL's).
- **Education** on the importance of:
 - RRFB & IRWL use during *all* pedestrian crossings.
 - Pedestrian *situational awareness* while crossing the roadway.
- **Monitoring** equipment to assess vehicle, pedestrian and intersection usage.



PUBLIC WORKS



QUESTIONS?



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PROVO PEDESTRIAN - CAUTION SIGNAL

