



CIMARRON HILLS FIRE DEPARTMENT

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August 20, 2024

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Kiowa Engineering Corporation

Subject: Rock Island Trail Improvement Program (CDR193)

Cimarron Hills Fire Department (CHFD) has reviewed the plans submitted by Kiowa Engineering Corporation for the construction of the segment of the Rock Island Trail which lies within El Paso County. The trail intersects Peterson Road where a pedestrian midblock crossing is proposed. CHFD agrees with Kiowa Engineering Corporation's assessment to construct a pedestrian refuge island understanding nearly 74 percent pedestrian roadway fatalities occur at uncontrolled crossing locations like the four travel lanes on Peterson Road with a posted legal speed limit of 35 mph.

Additional Safety Measures:

- Safe Transport for Every Pedestrian (STEP) https://www.fhwa.dot.gov/innovation/everydaycounts/edc_4/step.cfm
- Crosswalk visibility enhancements, such as crosswalk lighting, signing, and marking, help drivers detect pedestrians.
- Illuminate or highlight the pedestrian refuge island with streetlights, signs, or reflectors to enhance visibility for motorists.
- Pedestrian hybrid beacons (PHB) provide pedestrian-activated stop control in areas where pedestrian volumes are not high enough to warrant a traffic signal.
- The Manual on Uniform Traffic Control Devices (MUTCD) provides information on the application of PHBs.

The PHB consists of two red lenses above a single yellow lens. The lenses remain "dark" until a pedestrian pushes the call button to activate the beacon, which then initiates a yellow to red lighting sequence consisting of flashing and steady lights that directs motorists to slow and come to a stop allowing the right-of-way to the pedestrian to safely cross.

The safety of our community is our utmost concern and CHFD would like to discuss the additional safety countermeasures sited to assist pedestrians in marked crosswalks and control traffic at locations without signal lights.

Respectfully,

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