



Car making a U-turn
among pedestrians

Valley Transit Center

- ★ Conflict Points (41)
- Pedestrian Routes on Dec 14, 2023
- Pedestrian Routes on Dec 21, 2023



On December 14, 2023 and December 21, 2023 drone video was taken of the traffic movement at the Valley Transit Center. The video was processed by rendering the video file into a series of one second images. The resulting images were then stacked on top of each other and by using blending modes a composite image was created. From this composite image, you can see the walking routes of the pedestrians (the little black dots). To further highlight the walking routes, they are highlighted by two different colors (pink and blue). The pink color represents the pedestrian routes from December 14, whereas the blue color represents the pedestrian routes from December 21.

Once we collected the pedestrian routes, we can determine where the conflict points are located. The conflict points are where the pedestrian route would intersect the path of a vehicle. Displayed on the map are the 41 conflict points for the two days where the pedestrian routes would intersect the path of a vehicle.

Also highlighted on the map is the 30 seconds where a vehicle enters to drop off at the transit center and makes a U-turn among the pedestrians.

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