



## **Floyd Hill ITF Roundabouts and Parking #2**

### **Meeting Summary**

Thursday, July 1, 2021 - 9:30 AM to 10:30 AM

#### **Zoom Video Meeting:**

<https://us02web.zoom.us/j/86290536229?pwd=SmJ2czUrSVE3WnR5cG9BZ2l3SVNaZz09>

**Meeting ID: 862 9053 6229**

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1. **Meeting Purpose:** ITF members to review and provide input on preliminary roundabout and parking designs
2. **Review & Discuss Roundabout Designs:** Anthony Pisano, Atkins, reviewed traffic volumes and presented maps of Roundabouts to ITF members.
  - **County Road (CR) 65 and US 40 Roundabout Discussion and ITF Comments:**
    - It is important to keep regional traffic on regional roads. The design presented by Atkins does not include a bypass lane for westbound (WB) US 40. This will help discourage traffic getting off of the highway and onto regional roads. Traffic modelling shows that this will not increase backups on the highway. There are also safety and cost trade-offs: (1) Single lane roundabouts are safer and better than multi-lane roundabouts during non-peak times and (2) there are

additional costs of adding an extra lane. Sensitivity analysis also shows adding an additional lane only benefited WB US 40.

- **ITF Considerations and Comments:**
  - What does gaming traffic look like?
  - Show movements of traffic staying on US 40 and movements of traffic on CR 65
  - How does this roundabout design handle eastbound (EB) to southbound (SB) movements so left turns don't block everyone?
  - How will pedestrians be able to get through this area?
- **Bicycles:** This design will include signage to instruct vehicles and bicycles that cyclists will take the whole lane.
- **The ITF members agree to keep the CR 65 Roundabout as presented, but also consider restriping for a left hand lane on SB CR 65 to the EB I-70 on ramp.**
- **US 40 and Homestead Road Roundabout Discussion and ITF Comments:**
  - There is a bypass lane for WB US 40 at the Homestead roundabout. This will relieve congestion for drivers and cyclists on US 40 that want to make a left turn onto Homestead Road.
  - **Neighborhood accommodation:** i.e. left turn lane on WB US 40 for access to Homestead)
    - **ITF Members agreed that this design works from a community perspective.**
  - **Truck Accommodations:** WB 67 trucks and truck aprons, truck signage is essential. Need to address interference with school and ensure there is signage that indicates “no access to Evergreen.” Trucks need to be pushed back to the interstate. Ensure aprons and/or mountable curbs.
  - **Bicyclists:**
    - Bicycle signage and operations will be addressed in the design.

- Tracy Sakaguchi, CMCA, expressed concern about pedestrian and bikes in roundabouts. It is hard to see people when they are on the right-hand side when they are up close. Trucks have a site distance issue. Cannot imagine cyclists going through here without a designated lane. **The challenge of busy roundabouts is people get pushed to the side and hit.**
  - Response: Cyclists will be instructed to take the full lane as they come into the roundabout. Will work on biker and driver education.
- No roundabout clutter in the central circle that could decrease visibility.
- Suggestion of bike trail on high school property to ensure a separate trail system for them while providing another access for the school.
  - CDOT will not be addressing this separate bike trail system as part of the Early Projects and the proposed trail location would be outside of CDOT right of way. This is outside the scope of this project. This would be a conversation for Jefferson and Clear Creek Counties.
- **How does this design consider emergencies and when US 6 is closed, for detour or sun glare?**
  - Closures for sun glare: Running these numbers now. When sun glare traffic is routed up US 40 EB, the interstate truckers are also on the route climbing the hills - the grade is worse than Floyd Hill and crawl up the hill. Therefore, the trucks will meter the traffic to the point that the roundabout will be able to handle the traffic.
  - Also looking at traffic coming from school, Mitch Houston sent information to the group to model.

### **3. Review & Discuss Parking Designs:** Atkins presented parking lot designs.

- ITF Comment: Will parking areas accommodate Clear Creek County and Loveland transit (“formerly called the Prospector” now the Roundabout)?
- **Homestead Rd Parking Lot Ideas and Discussion:**
  - Would like to formalize this lot. Ensure truck turnaround and loading truck ramp, buses, transit accommodation on west side?
  - EV parking or microtransit stop?
    - Consider eliminating transit stop to allow a larger median area for semi-turnaround.
  - Accommodate Floyd Hill resident vehicle parking in snowstorms
  - Accommodate moving truck shuttles
  - Accommodate school busses stopping for 1-3 minutes on their routes
  - ITF members like the idea of moving the transit shuttle stop to CR 65 and using this as truck turn around and delivery van area - need this space to help eliminate some of the conflict between shuttle and delivery and loading logistics.
  - Could be part of a future route for busses.
  - Parking lot that people use for a snow event - snow storage is a huge issue. Need to have a plan for snow.
- **CR 65 Parking Lot Ideas and Discussion:**
  - Keep Park and Ride here
  - Use a retaining wall to move entrance further west
  - How are cyclists accommodated?
  - Expand parking for shuttle service (16 passenger vans)
  - Is shuttle going EB and WB when picking up individuals?

- Shuttle will turn left into the lot if coming from the east. The shuttle would then turn right out of the lot.
- Does not accommodate large trucks. They would get stuck.
  - Need signage that there is no truck parking
  - Currently one or two trucks per night there.

#### **TRUCK ISSUES GENERALLY:**

- **Where can trucks rest and turn around?**
- **What about storm situations?**

**ATTENDEES:** John Muscatell and Bill Coffin (Floyd Hill POA), Tracy Sakaguchi (CMCA), Amy Saxton (Clear Creek County), Lynnette Hailey (Black Hawk and I-70 Coalition), Mike Raber (Clear Creek County Bicycle Users Group), Martha Tableman (Clear Creek Open Space), Mitch Houston (CCC School District), Steve Durian (Jefferson County), Ben Kiene, Matt Smith, Vanessa Henderson, Tyler Brady, Mike Keleman (CDOT), Anthony Pisano and Tyler Larson (Atkins), Mandy Whorton (Peak Consulting), Taber Ward (CDR Associates)