



Colorado State University
Alternative Transportation Fee Advisory
Board 2021-2022

February 2, 2022
LSC 376

Approved
Recorded by: Helen Flynn

I. Call to Order - 5:30 pm

II. Attendance

Name	Title	Affiliation	Present?
Mark Kohn	Chair	Executive Board	X
Helen Flynn	Vice-Chair		X
Micheal Townsend	Financials		X
Adam Vance	Representative	ASCSU At Large	X
Ken Kinner	Representative	ASCSU At Large	X
XX	Representative	Ag Sciences	
Rob Long	Representative	Business	X
	Representative	CVMBS	
Colin Hill	Representative	Engineering	X
Michael Needham	Representative	Graduate School	X
Meghan Scaggs	Representative	HHS	X
Jacob Pendergast	Representative	Liberal Arts	X
David Wise	Representative	Natural Sciences	X
XX	Representative	Undeclared	
Lucas Bungler	Representative	Warner College	X

Approval Date: <Date or DRAFT>

David Hansen:

- Phemister Trail:
 - proposed increase in infrastructure for bikes to create a more safe passage from Spring Creek to campus
 - asking for partial funding, additional funding will come from state and \$100,000 donation
 - ATFAB would provide funds that will be matched
 - if unwilling to fund, the project could be split into two with the idea that ATFAB would fund the partial trail
 - asking for ~\$78,800
 - questions:
 - Michael: How many people use the underpass?
 - aaron: 750-1500 daily average by month
 - David W.: how many of those students would use this route?
 - aaron: they would all use at least a section of this route
 - Rob: Are there federal limitations on constructing near Spring Creek? What happens if the project is shut down due to environmental concerns?
 - David H: We have not explicitly talked about that, but the university has done construction in this area without incident.
 - Adam: What is the plan for aesthetics? native plants?
 - David H: We will plant native plants, but not trees. Due to lack of irrigation in that area we won't plant anything extravagant.
 - Adam: should we be concerned about the water quality of the pond?
 - David H: The pond serves as a drainage and is designed to account for additional pavement.
 - David W: have there been any accidents along this route?
 - David H: not that I know of. However, it is a safety concern. The gardens managers contacted CSU asking for help with this area.
 - Aaron: There have been between 10-15 crashes reported in the area, as well as incidents in the underpass. Biggest

- safety concern is people riding the wrong way at high speeds.
- Jaime: Local residents have also asked for something to be done. There are conflicts between peds, cars and bikes in that area. We've received many complaints.
 - Who would be responsible for snow removal and is that the city or university's responsibility?
 - David: CSU would have to create a MOU with the city. The city takes care of Spring Creek Trail, but CSU would probably take care of the section that heads towards campus.
 - Rob: how often do you think this section of trail would need to be updated?
 - David H: Hopefully, not often. The largest maintenance concern is the paint striping.
 - Meghan: What is your plan for illuminating the trail for safety and equity reasons?
 - David H: The trail is not lit in this section of the Spring Creek Trail in general. We have not added illumination into the budget. It is not in the project now. The city's standards do not include lights on trails. Wildlife is also a concern, so we have not investigated this.
 - Jake: So concrete is being laid over the gravel trail and we are adding a bridge?
 - David H: Yes
 - Jake: How much would just the bridge cost?
 - David H:
 - Stats/Physics Trail:
 - goal is to separate peds and bikes through corridor
 - several exists from building lead directly into the corridor
 - existing condition: dismount zone that is not followed
 - proposal: create bike lanes and separated ped walkway with tall yellow delineation, add additional railings preventing peds from being blindsided by bikes

- going to install shorter bike racks to accommodate for loss of space on south side of corridor
- cost: \$45,000 for paint, railings, bike racks
- Questions:
 - Adam: Will there be any signage surrounding the guard rails? Will bikers be close-lined?
 - David H: We could add more delineators and reflective tape.
 - Ken: Could we offset the bike path to the left to prevent the issue that Adam brought up?
 - David H: possibly. We have to maintain the parking space for facilities, and the size of the ped walkway.
 - Rob: How long ago was this path created?
 - David: It was made in the 70s. We repaired it last year with facilities.
 - Jake: Are you asking for the total \$45,000?
 - David H: Yes. We do not have any grants.
 - Adam: Have you considered reallocating the parking space to provide more room?
 - David H: We cannot reallocate that spot. There used to be two spots, now there is one. This is a compromise that we made with CSU Parking Services.
 - Adam: How often is that space utilized?
 - David H: Only upon maintenance requests. Not very often.
 - Collin: What paths does this connect to? It doesn't seem like the areas that lead to safe areas.
 - David H: The area near the parking lot is a concern, but right now this area is also causing an even more dangerous situation.
 - Grace: Have you considered replacing the greenery that will be removed from this project?
 - David H: Yes, but we will not be replacing it. We hope to redirect students from this area to other more green areas.

- Covered Transit Shelters:
 - hoping to move parking to edges of campus and allowing buses to circulate
 - ATFAB has funded these in the past
 - Questions:
 - Michael: could we easily add more of these? Is there a site selection criteria?
 - David H: yes this was done a few years ago. We have a spreadsheet.
 - Jake/Rob: what is the cost?
 - David H: each costs about \$34,000
 - Michael T: Which ones would you fund first?
 - David H: The one by biology and the vet hospital.
 - Michael: Would it be better to hold off on the vet hospital one?
 - David H: No, because we need it now.
 - Adam: I like the interactive feature of the shelters. Is that something that can only be implemented at these shelters? What is the cost?
 - David H: Those cost \$8000 because they require solar to power the light. Some sort of structure would be needed to support these.
 - Michael D: The lights flicker at the bus stops. Does that cause issues for people? How can we fix that?
 - David H: I didn't even know that was a problem. Thanks for bringing that to our attention. That is a manufacturer problem. Which stop have you noticed this at?
 - Michael: Overland and Elizabeth.

Phemister Trail: Facilities management

- Trail alignment project
- Large portion of project finances is recovering the bridge at Spring Creek
- Benefit for students at CSU & community: there is a large student population at The Grove who have safety concerns regarding alternative social bike routes that

impede on opposing traffic. This path would propose a direct under pass towards campus.

- Path goes along the Water Quality Pond - currently a gravel trail but aiming to pave the path for better access for cyclists
- Provide direct access to Gardens Venue
- Standard Steel Bridge proposed for over Spring Creek - 75ft long span
- Looking to fund \$895,000 worth of construction (bridge vs. pavement funding)
 - state grant that would allow them to match funds as well
 - **\$79,000 partial funding (20% of project)**
- 750 users per day on trail
- In the floodway - naturalized landscape restoration with native grasses, and plant has to be geared towards floodway - not highly manicured
- Water Quality Pond - shared resource between the city and university's drainage system
- We want to prevent severe accidents not wait for one to spark change
- Floodway is a challenge in conjunction with the trail so lighting is not included in plan or budget and lights are a very expensive cost. consider lighting as an additional lighting.
- day time exclusive trail - lighting may affect ecosystem living

Statistics Building - Create alternative route for cyclists

- desired outcome: create an alternative route for bikers on the west side of the oval in order to get to western destination sites.
- construct with snow removal in mind
- dismount zone is not well respected - eliminate in order to create safe corridor
- separate modes by giving users lanes relevant to speed
- clearly defined single crosswalk at statistics exit
- maintain service parking space
- people exit right into traffic into corridor- physics building
- overgrown shrubs block view
- bike racks come right up to edge of pavement
- remove multiple hedges and add concrete there - 16 ft of space for paved surface
- 2 five foot bike lines going two way and 6ft wide pedestrian path against physics wing of building
- a cross walk aligned with the statistics building
- add more railings at corners to prevent bikers from cutting around corners - at elevator tower
- add a curved mirror for bikers and walkers as well
- Proposing a crosswalk towards next building exiting statistics building

- add more and new bike racks that are shorter in order to give more width in corridor
- add more railings
- Project total: ~ **\$45,000 to improve corridor**
 - vetted by Physical Development Committee
 - a lot of concrete was replaced next to Engineering building previously
- Mark can provide David Hansen's email for any questions post-meeting

Covered Transit Centers

- signage, bench in some spots, phone number to text, bike parking via adjacent infrastructure, site lighting via adjacent walks and street poles, real time bus information provided via app or texting
- Standard Shelter Details: 4' deep, 15' long, 9' tall | bench | trash/recycle containers | LED lighting - PV powered
- benefits: protection from weather, spot to sit, trash/recycling
- want signage that says exactly when the next bus is coming both auditory and visually
- 6 shelters funded by ATFAB previously, and three more coming this summer
- proposing three additional stops and depending on funding we could do 4 and 5 or just 2
- \$34,000 per stop - station, shelter, technology for real time bus arrival, concrete and irrigation system, etc
- Main campus, biology building - previously existing pad, north housing area, south side, ingersoll hall, and newsom hall area
- Vet hospital & tennis courts - South Campus shelter location
- Total: \$142,000 for all stops - \$34,000 per each shelter
- South Campus is a priority and then second choice would be biology building since accommodations
- \$8,000 for just technology signage
- Elizabeth and Overland Eastbound - light fixture flickers and hard to read

III. Post Meeting Action Items

Action:	Assigned To:	Deadline:
Complete scoring sheet and place numbers into spreadsheet	everyone	Next Monday
Be ready for next presentation	everyone	

IV. Motions Made

- **Motion 1 - Approval of Minutes (unanimous consent)**