

## Master Plan Committee

Minutes – 2/12/2020

Lory Student Center, Room 300

**Participants:** Lynn Johnson, Nancy Hurt, Doug Max, Maggie Walsh, Dave Bradford, Tim Kemp, Christa Johnson, Tom Satterly, Leslie Taylor, Blanche Hughes, Carol Dollard, Kristi Buffington, Jessica Kramer, David Hansen, Manny Santistevan, Julia Innes

### 1. Construction Logistics and Communication

- a. Reach out to Tim Kemp ([Tim.Kemp@colostate.edu](mailto:Tim.Kemp@colostate.edu)) if there is a safety concern that needs to be addressed.
- b. Mid-Jan–Feb 2020
  - i. Libbie Coy Way closed for Shepardson project – street needed for construction access into site and some utility work. Staging out of north half of General Services parking lot
  - ii. Lagoon project – wrapped up by June 2020.
  - iii. Hughes Way – kickoff southside of street with work on bike and ped access, closing off existing sidewalk. Working with HDS to have coordinated communication with students. Hughes Way will be open westbound for vehicles, as well as parking on northside side of street.
- c. March–Mid-May 2020
  - i. Meridian Village – construction fence line moving to Meridian Ave (to the east side of orange paint on the street), including on-street parking and remainder of Aylesworth parking lot.
  - ii. Amy Van Dyken Way – will close for waterline replacement project. Lot 350 will be closed; the contractor staging out of that parking lot.
    - 1) Will have East west sidewalk always open on University Ave.
- d. Leslie Taylor comments on their Saturday visits. The tour guides need to know this construction is occurring, update map for them.
  - i. Maggie has speaking points that went to multiple stakeholders including: Orientation, Admissions, parent and family programs, Conference Services, Adult Fitness, Youth Sports Camps, FM, PTS, Athletics, etc.
    - 1) A lot of bike traffic will be pushed to Mason trail after school is out.
    - 2) Working on additional signage and messaging. Let Maggie know if there are additional stakeholders to communicate to.
    - 3) Important for people to know why the construction is occurring.
  - ii. **Action Item (Leslie/Maggie):** Make sure Upward Bound knows. Leslie to make sure she connects with Maggie to help communicate this.
  - iii. Working with Student Disability Center for specific detour routes accessible for all modes.
- e. Mid-May–June 2020
  - i. Hughes Way will completely close for utility work and repaving of street, completion of bike and ped lanes, and utility work on northside of Meridian Village project, so lot 412 will be inaccessible.
    - 1) Blue line is temporary access road for Morgan Library lot 425.
  - ii. Sanitary line replacement associated with Meridian Village, north of Chemistry Bldg.

- iii. Geothermal project will start in fields 4, 5, 6 – routing back to Moby mechanical rooms. Fields 1, 2, 3 will be offline for some project staging and irrigation work
- iv. Lory Student Center – some bus bays will come offline.
  - 1) North entry to student center will be closed, people will detour to west.
  - 2) Stairs between Engineering and LSC will be offline.
- v. Amy Van Dyken/University Avenue will be closed.
  - 1) ADA spaces and certain number of spaces kept for general use in the lot.
    - a) Financial Aid visitors – how to accommodate and redirect them.
    - b) There is short term parking available in parking lot by MAX. In lot 349, will maintain about 5 ADA spaces and accommodating the reserved permits.
  - 2) Lot 350 will be closed spring break to early July.
  - 3) Lot 349 closure possibly mid-March to end of June, but a portion of spaces potentially kept open (this is being worked through right now, not confirmed).
  - 4) Both lots back in use by July.
- vi. External renovations to Industrial Science Lab. Rembrandt will be closed, as well as the small parking lot between Laurel Hall and the Preconstruction Center.
- f. June–July 2020
  - i. Street paving projects around campus will be coordinated and phased/staggered.
    - 1) Mostly one day closures.
  - ii. Potentially starting NCAA women’s sports complex as early as June – but it is still in procurement process, so not confirmed.
- g. July–Mid-Aug 2020
  - i. University Ave. closed from Libbie Coy Way to Mason to complete waterline work.
  - ii. Eddy Hall – elevator replacement project
- h. Mid-Aug–Oct 2020
  - i. Streets are open except for the Libbie Coy Way closure.
  - ii. North entry to LSC should be open and functional. Bays reopened.
  - iii. Geothermal will work on fields 1, 2, 3 for drilling operations.
- i. There will be changes to the Horn Route. Working with Transfort on the routes for information to get to students before spring break.
- j. Additional Construction Projects -
  - i. Main Campus – approx. \$240,000,000 of projects
  - ii. South Campus – approx. \$45,000,000 of projects
  - iii. Foothills Campus – approx. \$47,000,000 of projects
  - iv. Mountain Campus – approx. \$7.5 million of projects
- k. SOURCE page ([source.colostate.edu/construction-and-parking](http://source.colostate.edu/construction-and-parking)) is the main place to go for up to date information on construction.

## 2. Solar on Campus – Standards and Opportunities

- a. Solar exists on campus today. Locations need to be respectful of campus identity and visual impacts – sometimes may want solar front and center, sometimes not. Will come up with process for vetting this and how to be thoughtful going forward.
- b. Solar gets more competitive every day.
- c. CSU in the news recently for commitment to sustainability.

- i. Students don't know where the solar is on campus because it isn't always visible. Many want to see the commitment to solar.
  - ii. CSU is on track to be carbon neutral by 2050. 100% renewal electricity by 2030.
- d. Locations for Solar Electric
  - i. Some solar is on Lake Street parking garage. The roof canopy on College Ave parking Garage is solar ready.
  - ii. We have solar on Bike shelter by Facilities Management North with 4 kw of solar.
  - iii. Solar Field at Foothills Campus
- e. Animals grazing under solar
  - i. Working on how to address land use conflicts between solar and agriculture and how they can be compatible.
  - ii. Sheep grazing is compatible, but not goats. Cows and horses are usually too big for most solar applications. Working with ARDEC on compatibility of agriculture and research partnership.
  - iii.
- f. Visibility
  - i. Don't want to impact the visual appearance of historic buildings, such as the UCA.
    - 1) The solar on the roof for the UCA is not visible, whereas on Braiden it is visible because it is an asset for students to see it.
- g. Canopies
  - i. Parking canopies are expensive because of how they are mounted.
  - ii. Canopies provide shading and protection from hail and other weather.
  - iii. Campus Bicycle Advisory Committee would like to see more solar on bike shelters.
- h. Opportunities for Solar Discussion / Questions
  - i. HDS executive leadership team reviewed locations of where they would like solar, where they currently have it, and where they don't want it.
  - ii. There are some locations that aren't compatible with solar – for example, with complexities of roof tops or areas with groups of trees.
  - iii. PTS & FM have considered locations for the parking lots.
  - iv. Need a 20-year commitment for a viable location.
  - v. Is the stadium roof over the press box a viable location?
    - 1) Too small with an expensive installation because it's high in the air.
    - 2) A view from the stadium boxes of solar on campus could be an educational experience where it could be good to make solar visible rather than discreet.
  - vi. Procurement process is challenging because we are not spending money. This is a long-time partnership.
  - vii. Will the procurement involve roof replacements?
    - 1) It complicates the procurement. Need to replace the roof and then put solar on it. It's a different process for state architect – different contracts for modifying a roof versus putting solar on a new roof.
    - 2) Roof warranty is a complication; roofs need to be 5 years old or younger.
  - viii. Provide input to Carol for buildings that should AND should not be on this list.
    - 1) Lynn Johnson recommends considering Hartshorn; doesn't think it will come down in the next twenty years. It's a high visibility location.

- 2) Recommendation to consider Crabtree hall.
- ix. Why is NRRRC Building A not under consideration for solar?
  - 1) It may be related to roof age. Building A had a more challenged maintenance fund and B and D were poised for roofs sooner.
  - 2) **Action Item (Carol):** Get clarity on this/will ask about NRRRC Building A.
- x. Can install Renewable Ready technology for new buildings and projects that we don't immediately put solar on.
  - 1) The structural engineer signs off that the roof will hold the additional load of solar panels, run in the conduits when working on the project, and then it is renewable ready when the time comes to install in the future – will set you up for solar at minimal cost.
- xi. As you replace old roofs, would you incorporate solar or solar ready independent of this process?
  - 1) Carol assumes that is the intention.
- xii. Is there any CSFS land that makes sense to use for solar?
  - 1) Bare land in the middle of nowhere is difficult because we get a better price for solar if we utilize net metering, offsetting existing loads; but we get paid at wholesale rates for less populated areas with less electric loads.
  - 2) CSU does not own CSFS land.
- i. Update the CSU Development Standards to allow solar installations in parking lots, bike shelters, on buildings, and ground mounted with prior approval of the specific location by the Physical Development Committee.
  - i. Lynn Johnson motions to approve.
  - ii. Doug Max seconds the motion.
  - iii. All are in favor.