

# Transportation | Career Center BLPC/PFRC | October 2, 2019

## Today's goal:

By the end of today we want the Committees to understand what transportation decisions will be the most important during the development of design alternatives, and our initial thoughts on how major transportation elements should be aligned.

## Transportation analysis performed to date:

- Met with County to review scope of data collection and analyses
- Performed Traffic and parking counts
- Reviewed multi-modal options
- Reviewed County studies/initiatives
- Analyzed existing parking/traffic conditions
- Analyzed one future scenario:  
A traffic and parking analysis of the CCWG near-term program was performed to gain knowledge on potential impacts. 'Worst-case' assumptions were made to help exaggerate potential impacts (e.g. no increases in non-auto use and all drivers parking on-site).

## BLPC/PFRC Homework – Send Feedback on the following:

- Do we have the right guidance/goals?
- Anything to test before Design Alternative meetings?
- What updates prior to Design Alternative would be most beneficial?








## The Transportation road map for the BLPC/PFRC:

- Before design alternatives begin (today):
  - Present the knowledge we gained from the existing conditions and CCWG near-term analysis
  - Review what transportation items we need to focus on during conceptual versus schematic design
- During design alternatives (meetings 6, 7, 8):
  - Provide quick feedback on alternatives and options
  - Present pros/cons when alternatives arise
  - Develop preliminary recommendations
- During schematic design:
  - Analyze selected design alternative in detail
  - Finalize recommendations
  - Write a Multi-modal Transportation Analysis (MMTA)

## Transportation goals of the project:

- Provide and promote multi-modal options to help reduce the amount of driving to the Career Center
- Create a safe campus for all modes of travel
- Minimize traffic impact generated by the Career Center
- Minimize parking costs of project
- Minimize on-street parking conflicts
- Provide efficient and convenient transportation options for APS families and staff
- Minimize space dedicated to transportation on CC campus

*Transportation topics, level of detail needed for conceptual and schematic design, and Initial thoughts*

Topic		Conceptual Design	Schematic Design	Initial Thoughts
	Transportation Demand Management	Set targets, identify high-level policies that influence demand	Provide specific details (e.g. bike parking)	Aim for high transit/cycling splits for students, consider staff parking disincentives
	Multi-Modal Connections	Review pedestrian, bicycle, and transit facilities nearby	Review connections between buildings and facilities	Layout buildings/site to take advantage of nearby facilities
	Parking	Determine amount of spaces needed, develop general strategy for parking location and access	Design parking lots (if needed) and assign spaces for each user type	Use as much off-site (on-street and in-garage) supply as possible. Minimize student parking.
	Traffic	Develop general strategy of where site access will be, review potential traffic impacts	Design site access points. Finalize recommendations on traffic mitigations.	Spread out where drivers want to go to minimize impacts, work with County on potential Walter Reed improvements
	Bus Loading/Unloading	Identify location for bus loading/unloading	Specific recommendations to accommodate turns and queuing for students boarding/alighting	Try to keep off-site as much as possible and share space with other needs. Avoid conflicts with peds/bikes to create a safe network
	Parent Drop-off/Pick-up	Identify locations and general strategy	Develop specific recommendations (e.g. signing and marking changes)	Consider multiple locations (both official and unofficial)
	Loading/Deliveries/Waste/Recycling	Identify general location	Perform truck maneuvering analysis and detailed loading dock design	Avoid conflicts with pedestrians and cyclists