

Jenifer Joy Madden from Vienna, VA: Another great example of well-placed racks is in suburban Washington DC and is described here - <http://lastgenerationbc.com/2011/06/administrator-racks-up-a-healthier-school/>

Stephanie Hopp from UCLA: Once you have all of the racks though, how can you protect the bikes from theft (ex: do you expect everyone to purchase a lock, or what other alternatives are there?) **This is answered during the webinar, but we would suggest every student use a lock. In low-income neighborhoods where this isn't as likely or a neighborhood where crime is high, bike cages (a cage that encloses the bike rack) are a great alternative to protecting student's bicycles during the day.**

Wayne Wilcox from Virginia Beach, VA: anybody have a bike rack with an integrated lock? **There are version of this in some cities where you pay a fee but we haven't seen it in use at schools.**

Derek Fretheim from BikeConnect: Wayne: BikeConnect offers a vertical racking system with integrated locks. These are enclosed and covered bike parking. www.bikeconnect.org.

Richard Layman from DC: the Kilmer school racks aren't best practice...

Darell Dickey from Davis, CA: I hear derision about "wheel benders" why are we happy with the "staples" that protect the wheels and damage the rest of the bike? **This is addressed fully in the webinar, but racks that offer two points of contact and allow for the frame of the bicycle to also be locked are recommended for the highest level of security and function.**

Jonathan Weiss from Los Angeles: **Stephanie Hopp -- here in LA, the school yard is fenced in and locked. We stopped locking the bikes.**

christal waters from Davis, CA: Also some of the staple racks have diameters too large to use with u-bolt type locks.

Rosie Stern from Lansing: How do you deal with sequencing? For example, is a bike rack a good SR2S investment if there is little, if any support for cycling at the school? Might it be publicly viewed as wasteful to invest in racks that surveys demonstrate will get little, if any use? How do you help communities understand that parent support for cycling is needed, as well as safe routes to bike, in order for racks to be useful and effective investments?

If you are going to encourage walking and bicycling to school, you need to provide a place for students to secure their bicycles. There certainly needs to be some interest in bicycling to install racks (politically speaking) but presuming racks are installed in tandem with safe routes to school programming (i.e. the other Four Es) you should be able to garner enough support to fill a few bicycle racks.

Matt Schaefer from Thornton: Do you have diagrams for how to properly use wave racks? Most companies that sell wave racks will have diagrams for installation and photos that demonstrate proper use.

Dan Sahli from Dayton, OH: <http://scottandmartynis.com/product/6/11/Saris-6802-Wave-5-Bike-Rack.html> wave rack use link

Wayne Wilcox from Virginia Beach, VA: wave racks are best used for decoration. staples are better for locking bikes.

Darell Dickey from Davis, CA: I don't understand why the staple is the "ultimate" solution. How about something good???? http://www.creativepipe.com/lightning_bolt_LR_series_racks.htm

Richard Layman from DC: "sorry" I asked about protected parking in advance of your covering it. Great, complete presentation relevant to all bike parking issues, not just schools.

Chris Holm from Sacramento: I think the problem with wave racks is that facilities/developers often specify them for perpendicular parking, which is about 3 or 4 times as many bikes as using them for parallel parking.

john cinatl from clovis: HI Folks - As a member of APBP I recommed everyone download a copy of the APBP bike parking guideline - about 80 pages of excellent information regarding bike parking & racks. Check out www.apbp.org

Theresa Roach from Flint: Will this presentation be available for download? (my apologies if this is a repeated question) Yes.

Shelley Aschenbrenner from Loveland, CO: <http://www.skateboardlockers.com/>

Shelley Aschenbrenner from Loveland, CO: scooter storage :)

Stephanie Hopp from UCLA: Is there a way to lock up your helmet as well? Or would the student need to bring that with them? **Running the lock through the helmet straps or holes in helmet before locking the bicycle is a neat way to secure the helmet with the bicycle, although you have to be careful during inclement weather.**

Robin K Randels from Seattle WA: We've got cameras on our racks. If there is a problem, we know who was there.

Mari Lynch from Monterey, CA: City of Monterey Sports Center has camera on rack too.

Mari Lynch from Monterey, CA: And warning sign about it <http://marilynych.com/blog/tips-for-tourists/bicycle-safety>

Richard Layman from DC: FWIW, this is really important and the general point that should be made with SRTS. It should be policy driven at the school district level, not left up to whether or not particular schools have motivated parents.

Louise Steeevs from Fredericton, NB, Canada: lol...school district. My district has millions for busing, but \$0 for racks.

Richard Layman from DC: for it (biking accommodation) to be a subpolicy of balanced transportation planning and programming generally

Steve Arnold from Fitchburg WI: Weather protection: Remember snow removal!

Darell Dickey from Davis, CA: Cost for a car parking space here is between \$5,000 and \$10,000 per vehicle. Cost for bike parking is about \$100 per bike.

Heather Fortune: Health benefits of biking completely outweigh the Cost for bike parking - not the same for car parking

Shelley Aschenbrenner from Loveland, CO: tons of scooters at our elementary schools, not so much at middle school. Have heard from Fire that the mass numbers actually create hazards by being stored in classrooms or hallways.

David Whitaker, AICP from Maryland Dept of Plannin: I agree. Maryland's experience is that SR2S is more effective as a policy set at the school district level rather than as initiatives at individual schools in a district.

Derek Fretheim from BikeConnect: LA County is working on a county-wide bike parking policy for cities. They have guidelines as well.

Robert Ping from SRTS National Partnership: A lot of exciting new bike funding and policy developments are taking place in LA!

Richard Layman from DC: Policies have to be good though. E.g., NYC requires bike parking at parking lots and garages but there are no quality standards, so most of the parking provided is overpriced and substandard.

Josh Karns from Pennsylvania: In Harrisburg, we are working to include bike parking requirements tied to car parking requirements as part of a zoning code rewrite. The ordinance is pending...

Wayne Wilcox from Virginia Beach, VA: Virginia Beach recently passed a bike parking ordinance.

Richard Layman from DC: the more advanced bike parking code requirements eliminate the link between car and bike spaces, but provide guidance for the right amount of bike parking regardless

Joan Carter from DeLand, FL: Few engineers and architects have had training in bike and ped facilities. Suggesting good resources to professionals working on school construction can be welcome and effective

Richard Layman from DC: another issue though is the sidewalks beyond the campus. A school district will remove snow from the sidewalks (eventually maybe) but they might be cleared while many other sidewalks not on school property are not cleared.

Steve Arnold from Fitchburg WI: Univ Wisconsin unique, high-volume racks:
<http://admissions.wisc.edu/ublogs/instill/2010/11/10/warm-nov/> (this one is slightly bent. They work great except for bikes with front paniers.

Richard Layman from DC: you need (PHLP) to focus on master state balanced transpo policies and practice for school districts

john cinatl from clovis: Please spread the word about the APBP Bike Parking Guidelines - it discusses everything that we've been discussing today. This info needs to be passed along

Darell Dickey from Davis, CA: You can't bolt a rack to dirt very easily.

Laura Kelly from Fayetteville, AR: usually racks on sod are embedded in small concrete footings

Darell Dickey from Davis, CA: That would work. At our schools the racks aren't bolted to ANYTHING no matter the surface.

Joan Carter from DeLand, FL: Remove one parking space and you can place 6 racks

Darell Dickey from Davis, CA: Oh, you can easily fit 12 bikes in a car spot!

Derek Fretheim from BikeConnect: Are any high schools using vertical racks?? *I'm sure they are, although we don't have any specific examples.*

Jenifer Joy Madden from Vienna, VA: Would it be OK to have a movable bike rack so you could use the flat surface underneath - for dances and such. *We are aware of instances where an entire bike rack was lifted into the back of a truck with bicycles attached. Bolting the rack down is definitely best practice!*

07/14/2011 11:02:02: **Mari Lynch from Monterey, CA:** Re driver ed mention: Santa Cruz Project Bike Trip has bike tech (vocational) ed and bike safety ed. <http://marilynch.com/blog/bicycle-leadership-academy-on-the-monterey-bay-another-ecology-economy-partnership.html>

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