## Major Bike Projects and Additions to the Bike System

## August 13, 2008

Project	2007 Comment #	Estimated Magnitude of Cost	Staff Comments
The Sherman Flyer	SP2a-b	\$1,430,000	CE: Unable to negotiate with UP, we are proce TE: Designing possible alternative using on st
Perry Street Ped/Bike Overpass of the South Beltline	GS3	\$3,000,000	CE: Not programmed. Area is being redevelo support, at this time.
American Center Grade Separations of Highway 151 & Interstate 90/94		\$6,000,000	CE: Not programmed.
Capital City Path East Extension: Buckeye Road to East City Limit	SP4	\$ 600,000	CE: Unable to negotiate with UP, we are proce available.
Junction Ridge Ped/Bike Overpass of the Beltline south of Old Sauk Road		\$3,000,000	CE: Not programmed.
Starkweather Creek Path, East Branch: Marsh View Isthmus Path to City View Drive	SP9e-f, SP10,SP15, BL5		CE: Not Programmed. Difficult project due to crossing of USH 51, which is the linchpin of this
Starkweather Creek Path, West Branch: <u>Isthmus Path to MATC Path, in particular, the Ped/Bike Overpasses</u> of East Washington Avenue and Aberg Avenue	SP5a-d	\$2,880,000	CE: Ped/Bike Overpass of Washington was de Overpass of Aberg. Rumor suggests that the p
Wisconsin River Rail Corridor Path		\$2,200,000	CE: Not programmed by City. UW is proceedi that would sponsor by the City of Madison wou the westerly terminus would require participation

### 2006 Small Capital Projects: Insertions are underlined and deletions lined through. The comment references from 2007 that fall under these projects are listed

TIER 1	2007 Comment #	Estimated Magnitude of Cost	
<b>T1.1.</b> Make ped/bike connectors between the cul-de-sacs of Manor Cross and/or Tocora Lane and the UW Research Park.		\$80,000	CE: Schematics submitted to University Rese meeting will be required.
<b>T1.2.</b> Eliminate old fence-row bike racks or any other racks that don't meet City code at City libraries and other City-owned property. The City should set a good example by having proper racks at all City properties. Need new bike racks at the Olbrich Park beach.			TE: Inventory is complete and will be reviewed upgraded with current funding.
<b>T1.3.</b> East-West connections across the Yahara River between Johnson Street and East Washington Avenue. Instead of several different proposals for how to go east or northeast from the Yahara river, a special study to determine the best way(s) to cross the Yahara is in order. This could be come a Large Cap project in which case it should be on the priority list above. The park at East Washington Avenue and the Yahara River: need ~20 feet of sidewalk connecting from the bike path to the park parking lot.	SP1, SP11, BR1, BL10, BB1, SC4		CE: Bike path connection is completed using this then easterly on Johnson Street sidewalk.
<b>T1.4.</b> Whitney Way Crossing: Construct a bike crossing of Whitney Way between Medical Circle and Odana Lane (cul-de-sac). This will also require intersection work at Odana Lane and Odana Road. This is the Missing Link for a continuous bike system from the Struck-Canyon underpass of the Beltline to the Southwest Path. Links to this system opened in the past year were the Beltline Path and the bike lane marking of Odana Road east of Whitney Way. (On Mark's list too.)	SP7, I2, I3	\$3,000,000	CE: Tough project and risky for bike/peds. Th TE: Crossing at this location should be grade for bicyclist.
<b>T1.5.</b> University Ave contra-flow signing: Place westbound "Bicycle (symbol) Wrong Way" (R5-1b) signs at each intersection of the University Avenue contra-flow bike lane. They are identified in the MUTCD Manual of Uniform Traffic Control Devices), 2003 Edition. There is way too much wrong way biking on this section and it creates a safety hazard for bikes traveling in the proper eastbound direction.	BL15	\$4,000	TE: Finding Locations for placement could be
<b>T1.6.</b> Capital City Path, John Nolen Dr. Section: path realignment at Lakeside. Realign existing path to connect to Lakeside at Olin-Turville Ct. instead of John Nolen. This project is #9 on the Work Program. Mike Rewey's comment on this project: John Nolen Path - Lake Monona to Lakeside Street, Realign the path away from John Nolen Drive and have it intersect with Lakeside Street directly across from the Olin-Turville Park Road. The current path intersection at John Nolen Drive and Lakeside Street is improperly used and unsafe. (On Mark's list too.)	SP13a.	< \$40,000	CE: Scope is not well defined. T.E. Alternate alignment needs to be discusse Edgewater Court.

cceeding with alternative routes via the "Huxley Cut-Off" street bike lanes to connect to CE eloped and landing points are not defined. WDOT does not

oceeding with alternative routes via Acewood Pond. Funding is

to proximity of wetlands along rail corridor. Requires separated this project.

dedicated on June 30, 2008. Requested funding for Ped/Bike e project has been approved for enhancement funding. eding with development of segments of this corridor. The portion ould be the segment from University Avenue to Stonefield Road. ation and support of the City of Middleton.

#### **Staff Comments**

search Park for Comment on July 8, 2008. A neighborhood

ved. Staff is working on Identifying Library locations that could be

ng the railroad bridge over the river at Thornton to Johnson. Trail Ik.

The estimated cost is for a bridge over Whitney Way. de separated. At grade crossing would be difficult and dangerous

be difficult, Could possibly use same poles as keep right signs.

ssed with Parks Division to find best alternative alignment to

<b>T1.7.</b> Reindahl Park Path connection to Lien Rd. This project is #19 on the Work Program. Mike Rewey's comment on this project: Lien Road to Reindahl Park path connection, Create a direct path connection from (west) Lien Road to the Reindahl Park path. Right now access is via a private driveway and along a narrow sidewalk	SP17	\$20,000	CE: Not programmed. Present situation is ur
TIER 2			
<b>T2.1.</b> West Shore Drive cul-de-sac at West Washington Avenue: provide a ped/bike curb cut to connect West Washington to West Shore.		\$5,000	Will review with sidewalk program.
<b>T2.2.</b> Milwaukee St. at Clyde Gallagher Avenue: need two curb cuts and 100 ft of connecting sidewalk between these two streets on the east side of the creek.			Under construction with Starkweather Creek a
<b>T2.3.</b> Northeast corner of Aberg Avenue at Packers Avenue: need a connecting sidewalk (~400 ft?) from the east side of Packers around to Shopko plaza.		\$25,000	
<ul> <li>T2.4. Eastmoreland Park (all of the following will complement the nearly completed Marsh View Path): <ul> <li>a. Repave the path through Eastmoreland Park from Milwaukee Street to Dempsey Road to current standards (horizontal and width) and repave the connection to Buckingham Lane.</li> <li>b. Pave a new connection to Silver Road.</li> <li>c. Bridge the small water crossing near Woodman's instead of fording it as is done now. Make a direct connection into Woodman's parking lot by creating a fence opening.</li> <li>d. Realign the offset curb ramps at Dempsey Road where it connects to the bike/ped overpass and widen them to the correct width.</li> </ul> </li> </ul>	SP14		Programmed for 2008
<b>T2.5.</b> Retrofit pavement marking on Commercial Avenue: Commercial Avenue is underutilized by motor vehicles, but is very wide. Retrofit/mark bike lanes from Sherman Avenue to the proposed Starkweather Path where it crosses Commercial.	BL8		Not programmed.
<b>T2.6.</b> Reindahl Park path connections: Create direct path connections to the Reindahl Park Path to businesses that back up to it along East Washington.	SP17		Not programmed.
<b>T2.7.</b> Winnebago Street eastbound counter-directional bike lane: Currently westbound access on Winnebago to the Isthmus Path near Riverside Drive exists however the return eastbound trip does not. Create an eastbound counter-directional bike lane on one-way westbound Winnebago Street from Riverside Drive to Buell Street where Winnebago Street becomes two-way again.	BL14		Working with alder
<b>T2.8.</b> Isthmus Path speed table pilot project: Currently the Isthmus Path from Waubesa Street to Blair Street has too many street crossings. None of the crossings should be closed because of the negative impact on the neighborhood grid pattern. However the path should be made more viable for bike transportation. Select a current street crossing and have the street "table" or ramp up to the path. The path itself would be a smooth continuation of the path (no curb ramps – no curb and gutter bumps). The side street would have stop signs at the path – the path would be the through "street." Criteria for selection would be a crossing street that already has a stop sign within a block each way from the path or "tee's" into a street paralleling the path. Examples are Corry Street, Ohio Street, Jackson Street, Brearly Street, Livingston Street and Blount Street. A side benefit is traffic calming.		\$15,000 per speed table	Not programmed.
<ul> <li>T2.9. Supplemental "two-direction biking" signs beneath motor vehicle Stop/Yield signs where the intersecting street has a side path. The intent is to remind motorists to look both ways. Typically they do not look both ways. I can explain more fully upon request. As supplemental signs, they can be made to comply with the MUTCD.</li> <li>Some example locations are: <ul> <li>Northbound Packers Avenue off ramp intersects with Aberg Ave and the Starkweather Bike (side)</li> </ul> </li> <li>Path. Two stop sign locations here. <ul> <li>Westbound Aberg Ave right turn onto Shopko Drive intersects with the Starkweather Bike (side)</li> </ul> </li> <li>Path. A yield sign exists here. <ul> <li>The driveway at Machinery Row Bicycle.</li> <li>Blount Street at the Machinery Row Bike (Side) Path.</li> <li>There are many more</li> </ul> </li> </ul>	X8		Reviewing
<b>T2.10.</b> Standard use of skip-dash pavement marking for bike lanes at intersections with right turn lanes: These are locations where it is typically the most difficult for bicyclists to traverse. Now bike lane marking ends before entering these tough areas. It also gives the turning motorist a heads-up. Signs requesting that turning vehicles yield to straight-ahead bikes are not sufficient. These signs are rarely noticed.	BL16		Pavement marking budget is finite.

unusual but probably keeps vehicles off the path.

k and Milwaukee Bridge/Starkweather Creek in 2009.

<b>T2.11.</b> Repave Warner Park bike paths and bring up to standards: These paths are pretty tough to bike on, especially the downhill section from Sheridan Drive. Also put in a curb cut for the Warner Park Bike Path onto Forster Drive. Without a direct curb cut you have to traverse a sidewalk to get to an intersection curb cut. I am sure there are also other curb cut opportunities. <u>Also construct a path from Sherman Avenue &amp; Windom Way westerly to the existing path system. This will better help bicyclists crossing Sherman Avenue.</u>	SP21	Parks & City Engineering
<b>T2.12.</b> Hartmeyer Path: Commercial Avenue to Roth St. This project is #11 on the Work Program. Mike Rewey's comment on this project: Create a path west of Oscar Mayer from Commercial Avenue to Roth Street. This path would roughly be a southerly extension of Huxley Street. Current north-south options are busy Sherman Avenue or currently illegal access through the Oscar Mayer parking lot along Packers Avenue	SP18	See Huxley Cutoff.
TIER 3		
<b>T3.1.</b> Capital City Trail at the intersection of McCoy Rd. and County Hwy. MM: put a short section of path on the east side of County Hwy MM eliminating the need to cross McCoy Rd. Currently, one must cross both McCoy and MM.		Dane County and City of Fitchburg. Interchan
<b>T3.2.</b> Military Ridge connector path from the cul-de-sac at the end of the Verona Rd Frontage Rd. to County Hwy. PD: needs to be repaved.		City of Fitchburg.
<b>T3.3.</b> Commercial Avenue at Hwy 30: need connecting sidewalk from the dead-end of Commercial Avenue to the new Marsh View Path (under Hwy 30 beside the railroad).		
<b>T3.4.</b> Stoughton Road at Lexington Avenue or Hwy 30 on-ramps: need crosswalk across Stoughton Road at the stop light.	SC3	WisDOT
<b>T3.5.</b> Arboretum path: Duck pond to Manitou Way and Iroquois Dr. to McCaffery Dr. This project is #2 on the Work Program		City Engineering
<b>T3.6.</b> Leopold Park/Arbor Hills Greenway connector path: Greenway View to Greenway Cross. This project is #13 on the Work Program. Another project on Mark's list		Refer to Cannon Ball.

ange to be reconstructed.

# 2007 Public Hearing Comments Not On Last Year's List – suggested disposition.

Comment	Disposition	Estimated	
		Magnitude of Cost	
SP3 completion of the Badger State Trail	Large Cap: DNR		
<b>SP6</b> a long greenway that extends from Hammersley Park at the north (adjacent to Falk Elementary School) to Pilgrim Rd at the south. The paths that exist in the Lucy Lincoln Heistand Park portion of this greenway are well-used by bicyclists and pedestrians, especially young people on bikes and seniors walking. I suggest a bike/ped path that extends from one end to the other. It could provide a safe and lovely walkway to Falk school at one end, and nearly to Huegel school at the other. It would also come close to connecting at the North with the Norman Clayton/Greentree bike paths, which provide corridors in turn to Elver Park and north almost to the Struck St. underpass	Large Cap		Not programmed.
SP8 Yahara River Parkway Path	Small cap Tier 1		
<b>a</b> Stop sign for auto traffic on East Main Street at the Yahara River Path. Bikes and pedestrians can't see traffic coming over the bridge in time to clear the intersection. A stop sign for traffic on Main Street would solve this. A stop sign for traffic on the path won't help	if TE confirms need.		
<b>b</b> Repair the Yahara River path in front of 110 North Thornton Ave. During the reconstruction of the East Washington bridge a couple of years ago half of the new Yahara River path in front of 110 North Thornton Ave was torn out, apparently to access underground utilities, and the hole was filled with gravel and surrounded with orange barricade fencing. [note this has been done, AR]	Delete, project completed.		
<b>SP9</b> <i>Capital City Path, Isthmus section</i> a Speed tables on East Isthmus Bike Path. Path gets more use than many of the little side streets it traverses. In these cases the path should have the right of way, not the cars. Frequent stops at street crossings with barely any car traffic and the up and down bouncing involved with each gutter crossing are an annoyance. Raised crosswalk speed tables are needed along this section of path. Of special concern is the intersection of the East Isthmus path at Waubesa. Speed humps already exist further down on Waubesa to slow traffic but there are no speed humps on this section of Waubesa and traffic moves fast. A new neighborhood center is moving into the old Iron Works building located at this intersection which will draw more traffic and especially more kids and more bikes so slowing down car traffic here with a stop sign and a raised crosswalk speed table at the path is a good idea. Also consider Corry St, Ohio St, Jackson St, Brearly St, Livingston St and Blount St	Apply to NTMP		Not programmed
b Connection from Bashford Avenue to the East Isthmus Bike Path. A well worn foot trail exists through the content intersection of Bashford Avenue and Talmadge Street to the East Isthmus Bike Path. I see pedestrians crossing path here all of the time, often pushing strollers, even in winter. The trail gets so much use it has even been means there are no right turn on red" sign be posted at Division and the Atwood bypass because of the crossing a live of I would like to see the light at Dunning and Atwood change to red on a regular cycle - at least in the summe turn green on Dunning without hitting the "walk" button (if there are no cars waiting), it encourages people to means the button to get the light to change so they just sit there, get frustrated and then run the light			Not programmed.
SP12 we need a bike trail parallel to USH 51 (commutes Portage Rd to Agriculture Dr)	Large Cap		WisDOT
<b>SP13</b> Capital City Path, John Nolen Drive section b The restriction in the width of the John Nolen path at the approach on the east end of the western most bridge over the causeway due to the placement of the fence post on the south side of the path. c Monona Terrace to NorthshoreWiden the path to 14 feet. Also review crossings at Northshore and at Broom and make functional improvements.	Small Cap Tier 2?		City Engineering
<b>SP16</b> Create new path from isolated McArthur Road to Lexington Avenue paralleling Stoughton Road. This creates an obvious connection to cross Stoughton Road. It also creates great access from an isolated neighborhood to Cubs and Wal-Mart.	Large Cap	\$200,000	Programmed for 2009
<b>SP19</b> Path from Military Ridge Trail (at General Beverage) to North side of Beltline Construct path along old railroad right-of-way including bridge over beltline.	Large Cap, On TIP as Cannonball Trail		City of Fitchburg
<b>SP20</b> Demetral Path (Sixth Street to North side of Seventh Street - Construct path from Sixth Street east of existing parking lot to just east of Seventh Street cul-de-sac. Include realigning path in Seventh Street area to meet standards. This will hook together existing paths.	Large Cap?		Parks Division

Staff (	Comn	nents
---------	------	-------

Small Cap Tier 2	Possible with signal
Large Cap, probably require reconstructing parts of streets.	Not programmed.
Small Cap Tier 3, need to purchase right of way upon redevelopment	Not programmed.
Large Cap, will be done when reconstructed	Construction scheduled for 2008 - 2009.
Delete, final decision made.	
Ped Safety on Arterials or NTMP	2008
Large Cap, multi- jurisdictional	Potential project with City of Fitchburg in 2009.
Small Cap Tier	Done
Large Cap?	Not programmed
Small Cap Tier 2	
Small Cap, sign Regent, Bluff, Kendall?	Not programmed
Large Cap	The project will only involve the resurfacing of t
On-going process	
(need update); Small Cap Tier 2 for this particular project.	
	Large Cap, probably require reconstructing parts of streets.Small Cap Tier 3, need to purchase right of way upon redevelopmentLarge Cap, will be done when reconstructedDelete, final decision made.Ped Safety on Arterials or NTMPLarge Cap, multi- jurisdictionalSmall Cap Tier 1?Large Cap, multi- jurisdictionalSmall Cap Tier 1?Large Cap?Small Cap Tier 2Small Cap Tier 2Small Cap Tier 2Large Cap?Small Cap Tier 2Large CapData Cap Tier 3Large CapCap Tier 4Large CapLarge CapSmall Cap Tier 5Large CapSmall Cap Tier 6Cap 7Small Cap Tier 7Cap 7Small Cap Tier 8Cap 7Small Cap Tier 9Cap 8Cap 7Cap 7

F:\Tncommon\Committe\PBMVC\STAFF MEMOS\_CORRESPONDENCE\2008\Capital Projects Rankings\_CE and TE Aug08.docPage 5

009.	
g of the pavement.	

SC1 more signage, including the pop up signs on the road, that remind drivers to yield to pedestrians. It can	Check if meets	
be difficult navigating, especially Capital Square, without these signs. The intersection at Doty St. and Mifflin	requirements for	
is especially harrowing, particularly around rush hour. It is three lanes of traffic, plus cars existing the Block 89 development, who refuse to yield despite the striped crosswalk on the west side of the block.	in-street "yield to ped" sign.	
SC2 Glenway, Mineral Point Road and Speedway	Small Cap Tier 2.	Will review
a Speedway Road is not at a right-angle and the traffic lights are aimed for motor vehicles. Consequently,	Siliali Cap Tiel 2.	Will review
the green/red/yellow traffic lights are not visible to pedestrians at the southeast corner, so there is no		
indication to pedestrians when it is safe to cross Glenway Street. Re-orient the lights so they are also visible		
to pedestrians or add a pedestrian walk/don't walk light visible to pedestrians at the southeast (golf course		
side) corner.		
b There is no painted crosswalk on the east side of intersection crossing Speedway Road, north-south		
crossing). All four corners need to have painted crosswalks.		
c There is only one crosswalk (west side of intersection crossing Mineral Point Road, north-south crossing)		
with push-button activated walk/don't walk lights. All four corners need push-button activated pedestrian		
walk/don't walk signals.		
d Right-on-red from north-bound Glenway Street to east-bound Speedway is a hazard. Consider restricting		
right turns on green only, or add a yellow pedestrian crossing warning sign to remind drivers.		
e Traffic routinely moves through this intersection faster than the posted limit. Since we cannot count on	Ped Safety on	Madison Police Dept.
improved enforcement of speed limits by police, a traffic calming island (pedestrian refuge) is needed on	Arterials or	
both sides of the intersection on Mineral Point and on Speedway.	NTMP	
SC5 Lots of people cross at Park Street-Dane Street and this intersection needs a ped treatment to make it	Small Cap Ped	Assigned to Arthur Ross/Dan McCormick
easier to cross. Could perhaps be tied in with the improvements for Park-Hughes.	Safety on	
	Arterials	
<b>SC6</b> On Fish Hatchery Road, need a median between Culmen and Carver to help peds get across.	Ped Safety on	Done
	Arterials	
E1 Signage on bike paths to encourage all users to keep right.	Need PBMVC	Not programmed
	discussion/	
VA Dut a left turn loss //of una ana far billes that are turning left off of Anderson ants the Otenlaus other Oreals	approval	Not non un our o d
X1 Put a left turn lane/refuge area for bikes that are turning left off of Anderson onto the Starkweather Creek	Small Cap Tier 2	Not programmed
Trail. The outlet of this trail works pretty well for people exiting the trail and going east on Anderson, but can be tricky when going in the opposite direction.		
<b>X2</b> Improvements to Portage Road and Hoepker Road on the far east side – these may still be in the town in	Planned when	Hoepker Road from 1200' west of American F
places but when/if they come into the City bike lanes would be great along with just general maintenance (a	annexed.	project with Sun Prairie.
lot of potholes right now)		project with our raine.
X3 concerned about the safety of biking on Gorham Street and University Ave, and the alternate route,	Doesn't make	
County M.	sense	
<b>X4</b> It would be nice to have some kind of park & bike areas for those of us who drive in from other areas.	Large Cap; co-	Not programmed
have considered riding from Sun Prairie, but don't trust the roads, or the drivers enough to think it would be	ordinate with	
safe. I would like to save some gas though, and would consider riding from Milwaukee Street or Cottage	Park and rides.	
Grove Road if I found a safe place to leave my car all day. It also would be nice to have a place to lock up		
my bike overnight rather than carrying it back & forth to Sun Prairie everyday.		
X5 Viaduct from Bram Street to Koster Street is very narrow and feels unsafe. Very difficult to see into the	Large Cap	One Way at a Time vehicle traffic through the
viaduct when approaching it. Used by many people, including peds and bicyclists. More people using this		
area because of Quann Park and Goodman Pool. Concerned that someone will get hurt. Would like to see		
an access tunnel or increased access for peds and bicyclists. Neighborhood would like a separate tunnel for		
peds and bicyclists.		
X6 Need more resources in Traffic Engineering for ped/bike signing and marking requests.	Need PBMVC	Agree
	discussion/	
	approval	
X7 Place directional/distance signing at key path-path and path-street intersections. This is not the same as	Need PBMVC	Not programmed
the great bike system maps that were dedicated in May of 2004.	discussion/	
	approval	
X9 Place "Except Bicycles" below Dead End sign on Debs Road.	Small Cap Tier 2	Not programmed
<b>X10</b> Allow Wrong Direction Biking to or from the Square on:	Need PBMVC	Not programmed
East Mifflin between North Webster and the Square.	discussion/	
East Main between the Square and South Webster. West Main between South Fairchild and the Square.	approval	
Wheet Walph potwoon South Foirebild and the Saliare		

Parkway to East Corporate limits proposed for 2009. Cooperative

the tunnel and ped accommodations proposed for 2008 construction.