



RESOLUTION # 40-9/09

TO: HONORABLE MEMBERS OF THE LA CROSSE COUNTY BOARD OF SUPERVISORS

ITEM # 1519

BOARD ACTION

Adopted:
For: 32
Against: 1
Abs/Excd: 1
Vote Req: 2/3 PRESENT
Other Action: _____

VACANCY: 1

LAW ENFORCEMENT CONSTRUCTION COMMITTEE ACTION

Adopted:
For: 5
Against: 3
Abs/Excd: —

RE: APPROVE BIO-RETENTION BASINS AND BIKE RACKS FOR LAW ENFORCEMENT ADDITION (LEC)

WHEREAS, the resolution approving the addition to the LEC included a number of energy conservation measures and sustainable design concepts; and,

WHEREAS, Alternate Bid C-LEED Items & Alternate Bid F-Bio Retention Basins were not initially approved; and,

WHEREAS, the La Crosse County Land Conservation Department has reviewed the original Bio-Retention Basin specs and improved upon the overall design, thereby adding to the initial estimated cost of construction; and,

WHEREAS, the LEC Construction Committee has reviewed all of the sustainable concepts included in Alternate Bids C and F and is recommending that the following items be included in construction of the new addition:

Bike Racks	\$5,000
Bio-retention Basins	\$54,641
TOTAL	\$59,641

NOW THEREFORE BE IT RESOLVED, that the La Crosse County Board hereby approve the above listed items for a total cost of \$59,641.

BE IT FURTHER RESOLVED, that the cost of these items be included in the project funding as determined by the County Board through a combination of the final debt issue or loan from General Fund.

FISCAL NOTE: If this resolution is approved, the total project cost to date will be \$29,943,195. This dollar amount includes the original construction bids \$28,946,029; Probation and Parole Build-Out \$641,001; and Alt. Bid E Heat Reclaim \$146,524 which were previously approved by the Board. It also includes the \$150,000 reserve for Solar Hot Water.

Date: 9/17/2009

Date: 9/17/09

Vicki Burke

Margaret Dordick

LAW ENFORCEMENT CONSTRUCTION COMMITTEE CHAIR

RECORDING CLERK

	Reviewed Only	Recommended	Not Recommended	
Co. Admin.	_____	<u>SO</u>	_____	Requested By: LEC committee
Fin. Director	_____	<u>OW</u>	_____	Date Requested: September 9, 2009
Corp. Counsel	_____	<u>WTR</u>	_____	Drafted By: Steve O'Malley
Bd. Chair	<u>SD/ML</u>	_____	_____	

Adopted by the La Crosse County Board this 17TH Day of SEPTEMBER, 2009

Created by La Crosse County Created on 9/17/09 10:45:49 AM

COUNTY OF LA CROSSE

I, Linda A. Stone, County Clerk of La Crosse County do hereby certify that this document is a true and correct copy of the original resolution required by law to be in my custody and which the County Board of Supervisors of La Crosse County adopted at a meeting held on the 17th day of September, 2009.

Linda A. Stone
Linda A. Stone, La Crosse County Clerk

Storm Water for LEC Addition Project

Base Bid included Dry Detention (sedimentation basins)

\$0

A dry detention basin is typically designed to store runoff volume and discharge it slowly to reduce the peak discharge downstream. As normally designed, these basins typically have little effect on the volume of storm water released to the receiving water. The peak flow reduction is often accomplished through use of a multistage outlet structure that allows increased discharge as water levels in the basin increase, with the individual outlets being culverts or spillways. The utilization of these basins alone is typically not considered effective in removing pollutants because there is not a permanent pool of water for solids to permanently settle out and accumulate. It is common to see some sediment accumulated in the bottom of a basin after a storm; however, much of it re-suspends during the next storm if it is not removed. These basins are designed in accordance with DNR standards to achieve 40% sedimentation of suspended solids. Plantings can be turf grass. (sod is an option)

Alternate Bid F included Bio-Retention

\$32,720.00

A bio retention device is an *infiltration device* consisting of an excavated area that is back-filled with an engineered soil, covered with a mulch layer and planted with a diversity of woody and herbaceous vegetation. Storm water directed to the device percolates through the mulch and engineered soil, where it is treated by a variety of physical, chemical and biological processes before infiltrating into the *native soil*.

Alternate Bid F1 included Bio-Retention with (dewatering drains for winter draining)

\$54,641.00

A bio retention device is an *infiltration device* consisting of an excavated area that is back-filled with an engineered soil, covered with a mulch layer and planted with a diversity of woody and herbaceous vegetation. Storm water directed to the device percolates through the mulch and engineered soil, where it is treated by a variety of physical, chemical and biological processes before infiltrating into the *native soil*.

- * Added drainage system to basins for winter draining of basins
- * Changed soil mixture