

City of Brookfield Greenway Trail Master Plan

Preliminary Summary with Cost Estimates - Revised 12-3-10

Trail Name: Deer Creek

Segment	Character	Improvements	Distance	Wetland Disturbance	Permits	Type of Construction	Cost Estimate	Opportunities-Adv/Disadvantages
			Off-Road	On-Road		Asphalt/Boardwalk		
Recommended Route South								
As-Ds	Open/Wooded	Off-road/Trail	2,775 l.f.	Yes	Yes	Asphalt w/ 40' Boardwalk	NA	Funded in 2011 CIP
Ds-Es	Park/Wooded	Off-road/Trail	2,795 l.f.	Yes	Yes	Asphalt w/ 40' Boardwalk	NA	Being built Fall 2010/Spring 2011 Utilizes existing sidewalk along Calhoun Road and on-street along Judith Lane
Es-Gs	Open/Residential	Sidewalk/Street	800 l.f.	No	No	Concrete/On-road	NA	Trail along woods/lot line between Brookfield Hills Golf Course and Westchester Park - Easement required for HS-Is
Gs-Js	Open/Wooded	Off-road/Trail	1,900 l.f.	No	No	Asphalt	\$95,000.00	
Js-Ks	Open/Residential	On-road/Street	2,200 l.f.	No	No	NA	NA	On-street along Post Road
Ks-M	Open/Commercial	Sidewalk	4,200 l.f.	No	No	Concrete	NA	Utilizes existing sidewalk along Greenfield Avenue and Moorland Road
Recommended Route North								
An-En	Open/Commercial	Off-road/Trail/Sidewalk	5,500 l.f.	Yes	Yes	Asphalt/Boardwalk/Bridge	\$400,000.00*	Connection to commercial area north of I-94 - Located in ROW or future easement
En-Gn	Park/Residential	Off-road/Trail	3,000 l.f.	Yes	Yes	Asphalt/Boardwalk/Bridge	\$250,000.00	Connection to Ruby Park, park and open space connection, off road trail, potential to use existing roadway terrace, wetland & waterway crossing, utilize some existing un-improved trails
Gn-M	Residential/Commercial	On-Road/Street/Sidewalk	9,000 l.f.	No	No	Asphalt/Concrete/On-road	\$10,000.00	Connection to office park, connection to Brookfield Square and future park, restrictive terrace area; coordination with landscaping at parking lots, utilizes future sidewalks as part of Brookfield Square Redevelopment
Segments from 2002 Plan to be Completed								
N-O	Empty lot, lightly wooded	Off-road/Trail	700 l.f.	No	No	Asphalt	\$75,000.00	
Interim Route								
Fs-M	Residential/Commercial	Sidewalk	9,800 l.f.	No	No	Asphalt	NA	Utilizes existing sidewalks along Calhoun Road, Greenfield Avenue and Moorland Road

Total \$830,000.00 *Portion of costs could be absorbed in future development

Trail Name: Underwood Creek

Segment	Character	Improvements	Distance	Wetland Disturbance	Permits	Type of Construction	Cost Estimate	Opportunities-Adv/Disadvantages
			Off-Road On-Road			Asphalt/Boardwalk		
Recommended Route								
D-E	Residential	On-road/Street	3,570 l.f.	No	No	NA	NA	Utilizes on street in residential neighborhood Utilizes sidewalk along Burleigh and Lilly Roads, connection to High School
E-F	Open/Residential	Sidewalk	3,630 l.f.	No	No	Concrete	NA	
F-I	Residential/Open/High School	Off-road/Trail and On-road/Street	2,800 l.f. 1,700 l.f.	No	Potential	Asphalt	\$175,000.00	Connection to residential area and high school On-road Bike Path along shoulder of Pilgrim Road, short segment of sidewalk and on-road/street
J-M	Residential/Commercial	On-road/Street/Shoulder/Sidewalk	4,750 l.f.	No	No	NA	NA	Follows resources, some easements required, some resource impacts, restoration opportunity
M-N	Open/Wooded/Commercial	Off-road/Trail	3,600 l.f.	Yes	Yes	Asphalt/Boardwalk	\$250,000.00	
South Alternative								
I-J	Primarily Open	Off-road/Trail	1,900 l.f.	Yes	Yes	Asphalt	\$110,000.00	Adv's: Avoids long boardwalk; connection to pedestrian and athletic areas at high school; offers combination of wooded and open trails
North Alternative								
Ia-Ja	Open/Commercial	Off-road/Trail	2,550 l.f.	Yes	Yes	Asphalt	\$130,000.00	Considers future development, requires easement, Increases trail length
Interim Route								
F-M	Residential	On-road/Street & Off-road trail/Sidewalk	8,500 l.f. 2,000 l.f.	Yes	Yes	Asphalt	Funded in current CIP	Utilizes existing sidewalk and on-street in residential neighborhood and new and existing trail in Lilly Heights Park.

Total \$555,000.00 (includes highest cost alternative)

Trail Name: Dousman									
Segment	Character	Improvements	Distance	Wetland Disturbance	Permits	Type of Construction	Cost Estimate	Opportunities-Adv/Disadvantages	
			Off-Road	On-Road		Asphalt/Boardwalk			
Recommended Route									
B-C	Residential/along stormwater pond	On-road/Street, Off-road/Trail	1,625 l.f.	No	No	Asphalt/Bridge	NA	Already built Off road experience along resource; connection to residential area on west end	
C-F	Open/along floodplain Dousman ditch	Off-road/Trail	3,650 l.f.	Yes	Yes	Asphalt/Bridge/Boardwalk	\$300,000.00	Direct connection to Historical Society; Bridge over Dousman ditch, need easements	
R-S	Open/between homes	Off-road/Trail	390 l.f.	Potential	Potential	Asphalt	\$20,000.00	Direct connection to residential area; in sewer easement	
Interim Route									
C-F	Open/Commercial	Off-road/Trail, Sidewalk	8,100 l.f.	No	No	Asphalt (750)/Concrete	\$100,000.00*	Connection to Historical Society from trail along Pilgrim Parkway; utilizes existing Wisconsin Avenue/Blue Mound Road corridor	
Future Connection									
C-F	Open/Commercial	Off-road/Trail, Sidewalk	1,250 l.f.	Yes	Yes	Asphalt/Concrete	\$125,000.00*	Utilized proposed Wisconsin Avenue extension	

Total \$445,000.00 *Portion of costs absorbed within street construction. Total includes highest cost alternative.

Trail Name: Civic Center

All 2002 plan segments completed - no proposed changes or additions

Trail Name: Village Center

Segment	Character	Improvements	Distance		Wetland Disturbance	Permits	Type of Construction	Cost Estimate	Opportunities-Adv/Disadvantages
			Off-Road	On-Road					
Recommended Route									
A-B	Open-Recycling Center Drive	Off-road trail	1,250 l.f.		No	No	Asphalt	45,000.00	Future connection to Waukesha County Fox River Trail
B-D	Commercial/Residential	Sidewalk	7,050 l.f.		No	No	Asphalt	NA	Off-Road Sidewalk along Brookfield & Burleigh Roads
D-E	Open/Wooded/Commercial	On-road, Off-road/Shoulder	2,700 l.f.		No	No	Asphalt	NA	Off-Road sidewalk and on-road shoulder
Interim Route									
B-F	Residential	On-road/Street	6,600 l.f.		No	No	NA	NA	Neighborhood Connection
E-F	Residential	On-road/Shoulder	650 l.f.		No	No	NA	NA	Entirely on Calhoun Road, crosses rail road
Future Connection									
B-E	Residential	Off-road/Trail	5,400 l.f.	400 l.f.	No	Yes	Asphalt	\$435,000.00	CP Rail corridor between Brookfield Road and Calhoun Road

Total \$480,000.00

Trail Name: Beverly Hills

All 2002 plan segments completed - no proposed changes or additions

Trail Name: Gateway West

Segment	Character	Improvements	Distance		Wetland Disturbance	Permits	Type of Construction	Cost Estimate	Opportunities-Adv/Disadvantages
			Off-Road	On-Road					
Recommended Route									
A-C	Open/Wooded	Off-road/Trail	2,800 l.f.		No	No	Asphalt (1,300')	\$100,000.00	Utilizes existing paths in Fox Brook Park; offers trail connection to commercial office park, connection to County Park; easement or land use agreement needed for Fox Brook Park (segment B-C)
C-E	Open/Commercial	Off-road Trail/Sidewalk	3,075 l.f.		No	No	Asphalt	\$154,000.00	Off-road through most of commercial office park
Interim Route									
A-E	Residential/Commercial	On-road street/Shoulder		10,050 l.f.	No	No	NA	NA	Utilizes Barker Road path; residential on street; on street on Springdale Road

Total \$254,000.00

Trail Name: Rolling Meadows (No proposed changes to 2002 plan)

Segment	Character	Improvements	Distance		Wetland Disturbance	Permits	Type of Construction	Cost Estimate	Opportunities-Adv/Disadvantages
			Off-Road	On-Road					
Recommended Route									
A-B	Brookfield Road	Off-road/Trail	900 l.f.		Yes	Yes	Asphalt/Boardwalk	Funded in current CIP	
B-C	Degraded Wooded Wetland	Off-road/Trail	4050 l.f.		Yes	Yes	Boardwalk	\$600,000.00	Utilizes sanitary sewer corridor
C-D	Wetland Scrub	Off-road/Trail	1,425 l.f.		Yes	Yes	Boardwalk	\$215,000.00	
D-E	Residential Street	On-road/Trail		150 l.f.	No	No	NA	NA	
Interim Route									
F-I	Residential Street	Off-road sidewalk, Street	5,100 l.f.	3,900 l.f.	No	No	Asphalt	NA	Utilizes existing off-road pathway on north side of Wisconsin Ave. and residential streets.

Total \$815,000.00

Trail Name: Lilly Heights (No proposed changes to 2002 plan)

Segment	Character	Improvements	Distance		Wetland Disturbance	Permits	Type of Construction	Cost Estimate	Opportunities-Adv/Disadvantages
			Off-Road	On-Road					
Recommended Route									
A-B	Residential Street	On-road/Street		700 l.f.	No	No	NA	NA	
B-C	Marshy Wetland	Off-road/Trail	300 l.f.		Yes	Yes	Boardwalk	\$100,000.00	
C-D	Wetland Edge	Off-road/Trail	1,600 l.f.		Yes	Yes	Asphalt	\$75,000.00	
D-E	Existing path through Lilly Heights Park	Off-road/Trail	900 l.f.		No	No	Asphalt	NA	
E-F	Future path through Lilly Heights Park	Off-road/Trail	2,100 l.f.		Yes	Yes	Asphalt	NA	Funded in 2010 CIP
F-G	Wetland Edge	Off-road/Trail	1,600 l.f.		Yes	Yes	Asphalt/Boardwalk	\$200,000.00	
G-H	Wetland Edge	Off-road/Trail	1,800 l.f.		Yes	Yes	Asphalt/Boardwalk	NA	Funded in 2010 CIP
Recommended Route									
I-J	Residential Street	On-road/Street		2,200 l.f.	No	No	NA	NA	

Total \$375,000.00

Segment	Character	Improvements	Distance		Wetland Disturbance	Permits	Type of Construction	Cost Estimate	Opportunities-Adv/Disadvantages
			Off-Road	On-Road					
Interim Route									
F-H	Residential/Commercial	Off-road sidewalk		2,000 l.f.	No	No	NA	NA	Utilizes existing/future sidewalks along Lilly Road and Lisbon Road