

2007-2008 SNOWMOBILE BRIDGE REHABILITATION REQUESTS (SnowBridgeRehab08.xls)

Region	County	Description	Component	Costs	Total	Approved
SER	Sheboygan	Sheboygan County proposes to replace an existing bridge over Hidden Brook in the Town of Herman with a new 45' by 12' prefab bridge structure.	*Structure	\$19,600	\$22,350	\$22,350.00
			Engineer			
			Soil test			
			Site prep	\$300		
			Materials			
			Abutments			
			Pilings/Piers			
			Approaches	\$700		
			Culverts			
			Riprap	\$350		
			Labor	\$800		
			Equip Rental	\$100		
			Other	\$500	\$22,350	
		Old Bridge Size: 35'X10"	New Bridge Size 45'X12"			
		Water Body: Hidden Brook	Material: steel/wood			
		Years in System: 2005 reroute	Design Weight Load: 12,000# load			
SER	Washington	Washington County is proposing to remove a bridge over the Milwaukee River in the City of West Bend. The city is constructing a new bridge with grant funding coming from the Recteation Trails Program and the Stewardship program. The new bridge will be designed to accomodate snowmobile use. A condition of the new bridge permit is the removal of the old bridge because of backwater conditions caused by its current location just up river from the new bridge. The old bridge has two large support beams that span the river and are coated with lead paint and the abutments are badly eroded. Costs to renovate the existing bridge exceeded the cost of a new bridge.	*Structure	\$25,200	\$45,250	\$45,250.00
			Engineer			
			Soil test			
			Site prep	\$6,900		
			Materials			
			Abutments			
			Pilings/Piers			
			Approaches	\$3,300		
			Culverts			
			Riprap	\$6,200		
			Labor			
			Equip Rental			
			Other	\$3,650	\$45,250	
		Old Bridge Size: 8'X70"	New Bridge Size 10'X85"			
		Water Body: Milwaukee River	Material: prefab-steel/ wood deck			
		Years in System: 20	Design Weight Load: 10,000# load			
NOR	Vilas	County proposes to replace an existing 5' x 45' culvert on Muskellunge Creek. Trail 7 runs down this county forest road which is only open for snowmobile use during the winter months. The County will pay for 2/3 of the costs and requests 1/3 of the cost from the Snowmobile Program. Only asking \$6,400	*Structure		\$19,200	\$6,400.00
			Engineer			
			Soil test			
			Site prep			
			Materials	\$4,300		
			Abutments			
			Pilings/Piers			
			Approaches			
			Culverts	\$8,800		
			Riprap			
			Labor	\$1,700		
			Equip Rental	\$4,400		
			Other		\$6,400	
		Old Bridge Size:	New Bridge Size 66" x 54'			
		Water Body: Muskellunge Crk	Material: Steel			
		Years in System:	Design Weight Load:			

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NOR	Oneida	County proposes to extend the bridge on the Willow Flowage Little Rice Trail installed in 2006 (S-3164/ATV-1315). Bridge installed last year ends in the apex of a curve with a downward slope of 10%. This presents a visibility hazard for riders. The clubs have expressed concern for rider safety. The bridge would be extended 40' placing it outside the apex of the curve and lowering the slope to 1.5%. Project will be split 50-50 with ATV Program.	*Structure	\$8,500	\$18,300	\$0.00
			Engineer		50/50 Split	
			Soil test		\$9,150	
			Site prep			
			Materials			
			Abutments	\$700		
			Pilings/Piers			
			Approaches	\$3,100		
			Culverts			
			Riprap			
			Labor	\$5,200		
			Equip Rental			
			Other	\$800	\$9,150	
		50/50 Split ATV FUNDED 100%				
		Old Bridge Size:	New Bridge Size			
		Water Body:	Material: wood			
		Years in System:	Design Weight Load:			
WC	Monroe	Monroe County proposes to rehabilitate 3 bridges on the Elroy-Sparta State Trail to include new wood decking and railings. Bridge No. NR-42-050, NR-042-051, and NR-042-052	*Structure		\$70,167	\$70,167.00
			Engineer			
			Soil test			
			Site prep			
			Materials	\$70,167		
			Abutments			
			Pilings/Piers			
			Approaches			
			Culverts			
			Riprap			
			Labor			
			Equip Rental			
			Other		\$70,167	
		Old Bridge Size: 12' x 36, 77, 129	New Bridge Size 12' X 36, 77, 129			
		Water Body: Baraboo River	Material: Wood			
		Years in System: > 10 years	Design Weight Load: 12,000			
WC	Trempealeau	Trempealeau County proposes to replace a 12' x 40' bridge over Lewis Valley Creek with a 12' x 45' steel I-beam bridge with wood decking and railing.	*Structure		\$10,650	\$10,650.00
			Engineer			
			Soil test			
			Site prep			
			Materials	\$2,550		
			Abutments			
			Pilings/Piers			
			Approaches			
			Culverts			
			Riprap	\$3,000		
			Labor	\$2,500		
			Equip Rental	\$2,500		
			Other - bid ads	\$100	\$10,650	
		Old Bridge Size: 12' x 40'	New Bridge Size 12' x 45'			
		Water Body: Lewis Valley Creek	Material: steel, wood			
		Years in System: 10+	Design Weight Load: 12,000			

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Region	County	Description	Component	Costs	Total	Approved
WC	Trempealeau	Trempealeau County proposes to replace a culvert on Chimney Rock Creek with a 48" x 30 culvert to include the following items: Culvert, Materials, Riprap, Labor, Equipment and Other.	*Structure		\$10,500	\$10,500.00
			Engineer			
			Soil test			
			Site prep			
			Materials	\$200		
			Abutments			
			Pilings/Piers			
			Approaches			
			Culverts	\$2,400		
			Riprap	\$400		
			Labor	\$3,000		
		Old Bridge Size:	New Bridge Size	48" x 30'		
		Water Body: Chimney Rock Creek	Material:			
		Years in System: 10	Design Weight Load:	12,000		
			Equip Rental	\$3,800		
			Other - bid ad	\$700	\$10,500	
WC	Trempealeau	Trempealeau County proposes to replace a culvert on a drainage ditch with a 24" x 40' culvert to include the following items: Culvert, Riprap, and Material.	*Structure		\$4,100	\$4,100.00
			Engineer			
			Soil test			
			Site prep			
			Materials	\$1,500		
			Abutments			
			Pilings/Piers			
			Approaches			
			Culverts	\$1,200		
			Riprap	\$1,400		
			Labor			
		Old Bridge Size:	New Bridge Size	24' x 40'		
		Water Body: Unnamed	Material:			
		Years in System: 10+	Design Weight Load:	12,000		
			Equip Rental			
			Other		\$4,100	
WC	Marathon	Marathon County proposes to replace an existing bridge over a Fenwood Creek Tributary with a 12' x 50' steel I-beam bridge with wood decking and railings.	*Structure	\$25,464	\$26,464	\$0.00
			Engineer		50/50 Split	
			Soil test		\$13,232	
			Site prep			
			Materials			
			Abutments			
			Pilings/Piers			
			Approaches			
			Culverts			
			Riprap			
			Labor	\$1,000		
		Old Bridge Size: 12' x 40'	New Bridge Size	12' x 50'		
		Water Body: Fenwood Creek Tributary	Material:	steel, wood		
		Years in System: 15	Design Weight Load:	12,000		
			Equip Rental			
			Other		\$13,232	

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Region	County	Description	Component	Costs	Total	Approved
WC	Vernon	Vernon County proposes to replace an existing bridge over the North Fork of the Bad Axe River with a 12' x 65' steel I-beam bridge with wood decking and railing.	*Structure	\$33,100	\$49,500	\$49,500.00
			Engineer	\$500		
			Soil test			
			Site prep	\$500		
			Materials			
			Abutments	\$2,000		
			Pilings/Piers	\$5,000		
			Approaches			
			Culverts			
			Riprap	\$8,400		
			Labor			
		Old Bridge Size: 12' x 60'	New Bridge Size 12' x 65'			
		Water Body: North Fork of Bad Axe River	Material: steel, wood			
		Years in System: 15+	Design Weight Load: 12,000			
			Equip Rental			
			Other		\$49,500	
WC	Juneau	Juneau County proposes to rehabilitate 19 bridges on the Omaha Trail to include new wood decking and railings.	*Structure		\$231,374	\$72,000.00
			Engineer			
			Soil test			
			Site prep			
			Materials	\$146,014		
			Abutments			
			Pilings/Piers			
			Approaches	\$5,700		
			Culverts			
			Riprap			
		Old Bridge Size: 10' x 15-122'	New Bridge Size 12' x 15-122'			
		Water Body: Various	Material: wood			
		Years in System: 15+	Design Weight Load: 12,000			
			Labor	\$63,300		
			Equip Rental	\$8,860		
			Other - dispos	\$7,500	\$231,374	
WC	Adams	Adams County proposes to rehabilitate a bridge over Roche-A-Cri with wood decking and railings.	*Structure		\$5,377	\$5,377.00
			Engineer			
			Soil test			
			Site prep			
			Materials	\$2,877		
			Abutments			
			Pilings/Piers			
			Approaches			
			Culverts			
			Riprap			
		Old Bridge Size: 12' x 40'	New Bridge Size 12' x 40'			
		Water Body: Rochi-A-Cri	Material: steel, wood			
		Years in System: 10	Design Weight Load: 12,000			
			Labor	\$2,000		
			Equip Rental			
			Other-shipping	\$500	\$5,377	
WC	Adams	Adams County proposes to rehabilitate a bridge over Carter Creek with wood	*Structure		\$7,598	\$7,598.00

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		decking and railings and to riprap additional shoreline to stabilize trail.	Engineer Soil test Site prep Materials Abutments Pilings/Piers Approaches Culverts	\$2,538		
			Riprap	\$1,080		
		Old Bridge Size: 12' x 40' Water Body: Carter Creek Years in System: 10	New Bridge Size 12' x 40' Material: steel, wood Design Weight Load: 12,000	Labor \$2,600 Equip Rental \$880 Other - shipping \$500		\$7,598
WC	Pierce	Pierce County proposes to rehabilitate an existing bridge over Plum Creek with new wood decking. This project is in conjunction with the trail rehabilitation project for Plum Creek Trail.	*Structure Engineer Soil test Site prep Materials Abutments Pilings/Piers Approaches Culverts Riprap	\$1,969	\$3,169	\$3,169.00
		Old Bridge Size: 12' x 68' Water Body: Plum Creek Years in System:	New Bridge Size 12' x 68' Material: wood Design Weight Load: 12,000	Labor \$750 Equip Rental \$450 Other - shipping		\$3,169
SCR	Columbia	Columbia County requests assistance for a bridge replacement project for the bridge over Crawfish River in the Town of Columbus. The present bridge is a 25 year old, homemade wooden bridge 8 feet wide that is unsafe and unable to handle the Fall River Sno-Blazers' groomer. The new bridge will consist of steel I beams and cross members, ACQ treated wood decking and railings, and 2 galvanized sill pan approaches, each 16 feet long for a total bridge and approach length of 100 feet. This project is known as the Crawfish River Herrmann Bridge .	*Structure Engineer Soil test Site prep Materials Abutments Pilings/Piers Approaches Culverts Riprap	\$44,400 \$1,423 \$1,158	\$59,811	\$59,811.00
		Old Bridge Size: Approx 68 ft. Water Body: Crawfish River Years in System: since 1982	New Bridge Size 12 ft X68 ft. Material: Steel and wood Design Weight Load: 12,000	Labor \$10,600 Equip Rental \$330 Other(delivery) \$1,900		\$59,811
SCR	Dane	Dane County requests assistance for a bridge replacement project for the CTH B bridge over Koshkonong Creek in the Village of Rockdale. The Village provides a	*Structure Engineer	\$23,100	\$23,100	\$23,100.00

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		<p>snowmobile trailhead adjacent to the bridge. The bridge links Dane and Jefferson County trails on Snowmobile Corridor no. 15. Presently, the bridge does not provide necessary space for snowmobiles to travel outside of vehicle travel lanes. The new bridge will provide a lane for snowmobile traffic that will be separate from the road and the sidewalk. Federal funds provide for 80% of the additional cost of providing a snowmobile lane on the bridge. \$23,100 is the remaining 20% of the cost.</p>	Soil test Site prep Materials Abutments Pilings/Piers Approaches Culverts Riprap Labor Equip Rental Other		\$23,100													
		<table border="0"> <tr> <td>Old Bridge Size:</td> <td>Approx 107ft.</td> <td>New Bridge Size</td> <td>Approx 107 ft.</td> </tr> <tr> <td>Water Body:</td> <td>Koshkonong Creek</td> <td>Material:</td> <td>Highway Bridge</td> </tr> <tr> <td>Years in System:</td> <td>since 1970's</td> <td>Design Weight Load:</td> <td>Joint Snowmobile/highway bridge</td> </tr> </table>	Old Bridge Size:	Approx 107ft.	New Bridge Size	Approx 107 ft.	Water Body:	Koshkonong Creek	Material:	Highway Bridge	Years in System:	since 1970's	Design Weight Load:	Joint Snowmobile/highway bridge				
Old Bridge Size:	Approx 107ft.	New Bridge Size	Approx 107 ft.															
Water Body:	Koshkonong Creek	Material:	Highway Bridge															
Years in System:	since 1970's	Design Weight Load:	Joint Snowmobile/highway bridge															
NO	Washburn	<p>Washburn County proposes to replace an existing 30 year old structure over Sawyer Creek. Repairs have become too expensive and the superstructure is deteriorating. The new bridge will be built on-site out of treated materials. The 2 x 6 decking and rails will be from County force account and abutments and stringers are from reclaimed railroad bridge timbers. All hardware will be hot dipped galvanized. Club will provide most of the labor. All permits are already approved. This project is known as Sawyer Creek Bridge.</p>	*Structure Engineer Soil test Site prep Materials Abutments Pilings/Piers Approaches Culverts Riprap Labor Equip Rental Other	24' x 12' \$1,000 \$2,215 \$160 \$300 \$1,000 \$200	\$4,875 \$4,875	\$4,875.00												
		<table border="0"> <tr> <td>Old Bridge Size:</td> <td>24' x 12'</td> <td>New Bridge Size</td> <td>24' x 12'</td> </tr> <tr> <td>Water Body:</td> <td>Sawyer Creek</td> <td>Material:</td> <td>wood</td> </tr> <tr> <td>Years in System:</td> <td>30</td> <td>Design Weight Load:</td> <td>12,000 lbs.</td> </tr> </table>	Old Bridge Size:	24' x 12'	New Bridge Size	24' x 12'	Water Body:	Sawyer Creek	Material:	wood	Years in System:	30	Design Weight Load:	12,000 lbs.				
Old Bridge Size:	24' x 12'	New Bridge Size	24' x 12'															
Water Body:	Sawyer Creek	Material:	wood															
Years in System:	30	Design Weight Load:	12,000 lbs.															
NO	Washburn	<p>Washburn County proposes to replace an entire bridge structure that has been in the trail system for 30 years. The structure, like the one above, is no longer cost effectively repairable. The new structure will be constructed with treated 2 x 6 and 4 x 4 posts. Reclaimed 10'x16' railroad bridge material will be used for stringers and abutments. Harward will be galvanized and local clubs will supply the labor with County assistance. This project is known as Wallace Bridge.</p>	*Structure Engineer Soil test Site prep Materials Abutments Pilings/Piers Approaches Culverts Riprap Labor Equip Rental Other	\$1,000 \$1,595 \$160 \$300 \$1,000 \$200	\$4,255 \$4,255	\$4,255.00												
		<table border="0"> <tr> <td>Old Bridge Size:</td> <td>16' x 12'</td> <td>New Bridge Size</td> <td>16' x 12'</td> </tr> <tr> <td>Water Body:</td> <td>unnamed</td> <td>Material:</td> <td>wood</td> </tr> <tr> <td>Years in System:</td> <td>30</td> <td>Design Weight Load:</td> <td>12,000 lbs.</td> </tr> </table>	Old Bridge Size:	16' x 12'	New Bridge Size	16' x 12'	Water Body:	unnamed	Material:	wood	Years in System:	30	Design Weight Load:	12,000 lbs.				
Old Bridge Size:	16' x 12'	New Bridge Size	16' x 12'															
Water Body:	unnamed	Material:	wood															
Years in System:	30	Design Weight Load:	12,000 lbs.															

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NER	Fond du Lac	Fond du Lac County will rehab 8 bridges on the Wild Goose State Trail. The bridges are showing serious wear and stress from snowmobile and grooming activity. The project will consist of sub-decking, decking, railing, and widening from the current 10' to a 12' deck. The snowmobile program contributed \$15,300 toward the development of these bridges in 1988. No snowmobile funds have been spent on them since. The cost reflects a bid from a contractor that has included this work in another project being done for the county. 212' reflects total linear feet of 8 bridges.	*Structure	wood	\$38,519	\$20,000.00	
			Engineer				
			Soil test				
			Site prep				
			Materials	\$19,949			
			Abutments				
			Pilings/Piers				
			Approaches				
			Culverts				
			Riprap				
		Old Bridge Size:	New Bridge Size	212' x 12'			
		Water Body: various	Material:	wood			
		Years in System:	Design Weight Load:	12000			
			Labor	\$18,570			
			Equip Rental				
			Other		\$38,519		
NER	Marquette	(#1)) Marquette County will replace a broken down, non-compliant bridge over a drainage ditch in Crystal Lake Township. Due to area being wet, a total of 48' of approaches are required, which brings overall structure length to 78'.. The bid is for a wood and steel pre-fab structure. \$1,100 under "other" is delivery charge.	*Structure	\$23,900	\$42,500	\$0.00	
			Engineer	\$1,000			
			Soil test				
			Site prep	\$2,000			
			Materials				
			Abutments				
			Pilings/Piers				
			Approaches	\$1,000			
			Culverts				
			Riprap	\$800			
		Old Bridge Size: 10'	New Bridge Size	78x12			
		Water Body: drain. Ditch	Material:	wood, steel			
		Years in System: 15 +	Design Weight Load:	12000			
			Labor	\$9,200			
			Equip Rental	\$3,500			
			Other	\$1,100	\$42,500		
NER	Marquette	(6) Marquette County must replace a bridge over a drainage ditch in Neshkoro Township. The ditch is being widened to accommodate better farm field drainage. Old culvert had to be removed	*Structure	\$6,200	\$15,700	\$15,700.00	
			Engineer	\$500			
			Soil test				
			Site prep	\$800			
			Materials				
			Abutments				
			Pilings/Piers				
			Approaches	\$700			
			Culverts				
			Riprap				
		Old Bridge Size:	New Bridge Size	24'x12'			
		Water Body: drain. Ditch	Material:	wood, steel			
		Years in System: 15+	Design Weight Load:	12000			
			Labor	\$5,000			
			Equip Rental	\$2,000			
			Other	\$500	\$15,700		

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NER	Marquette	(7) Marquette County must replace a bridge over a drainage ditch in Neshkoro Township. The ditch is being widened to accommodate better farm field drainage. Existing bridge is badly worn and in need of replacement.	*Structure	\$6,200	\$15,700	\$15,700.00
			Engineer	\$500		
			Soil test			
			Site prep	\$800		
			Materials			
			Abutments			
			Pilings/Piers			
			Approaches	\$700		
			Culverts			
			Riprap			
Labor	\$5,000					
Equip Rental	\$2,000					
Other	\$500	\$15,700				
NER	Oconto	Oconto County must replace an old railroad trestle over the Oconto River. The trestle was purchased by the Lena Snowdrifters from the RR over 30 years ago. It was deemed unsafe for use by STS consultants last winter. The DNR will permit only a clear span bridge on this fast flowing section of river. This is the only crossing of the Oconto River except for a street run through Oconto Falls, fifteen miles to the west. It represents a critical junction in the entire county system. Cost includes hydrology study, engineering, removal of old bridge and construction of 120' x 12 steel and wood structure. Continental was the only manufacturer to submit a bid.	*Structure	\$175,000	\$413,000	\$0.00
			Engineer	\$45,000		
			Soil test	\$5,000		
			Site prep	\$11,500		
			Materials			
			Abutments	\$27,500		
			Pilings/Piers			
			Approaches	\$10,000		
			Culverts			
			Riprap	\$4,000		
Labor	\$45,000					
Equip Rental	\$35,000					
Other	\$55,000	\$413,000				
WC	Marathon	Marathon County proposes to rehabilitate a bridge over an Eau Pleine Tributary to include two 12" x 36" extensions to the bridge. This will allow the bridge to function properly without impeding navigation on the waterway.	*Structure	\$29,600	\$34,600 50/50 Split \$17,300	\$17,300.00
			Engineer			
			Soil test			
			Site prep			
			Materials			
			Abutments			
			Pilings/Piers	\$4,000		
			Approaches			
			Culverts			
			Riprap			
Labor	\$1,000					
Equip Rental						
Other		\$17,300				
						\$467,802.00