

**Menasha Pedestrian Walkway Improvements**

Ken Saiki Design, 12/11/2015

ITEM	Quantity	Unit	Unit Price	Extension	Adjusted Unit Price	Adjusted Extension	Comments
<b>Mill St. Crossing</b>							
Demo	1900	SF	\$3.00	\$5,700.00	\$0.00	\$0.00	Completed by City crews
Earthwork/ Finish Grading	1	LS	\$5,000.00		\$1,000.00	\$1,000.00	
Concrete Paving, 5" thick, WWM Reinforced	622	SF	\$5.00	\$3,110.00	\$5.00	\$3,110.00	removed diagonal walk from project scope
Asphalt Paving (patching)	333	SF	\$3.50	\$1,165.50	\$3.50	\$1,165.50	
Curb & Gutter, 6" curb head + 24" gutter pan	82	LF	\$22.00	\$1,804.00	\$22.00	\$1,804.00	as measured from f.o.c.
Detectable Warning Plate	1	EA	\$300.00	\$300.00	\$150.00	\$150.00	East side of Mill St only; reduction on basis of actual cost
MMA Colored Crosswalk Surfacing	188	SF	\$9.00	\$1,692.00	\$9.00	\$1,692.00	\$2.5/SF materials cost. City install?
Pavement Marking	47	LF	\$24.00	\$1,128.00	\$24.00	\$1,128.00	reflective band @ crossing. City install?
Pedestrian Crossing Sign	1	LS	\$500.00	\$500.00	\$0.00	\$0.00	City supplied signs
Shrubs	6	EA	\$60.00	\$360.00	\$60.00	\$360.00	
Perennials	30	EA	\$18.00	\$540.00	\$18.00	\$540.00	
Shredded Hardwood Bark Mulch	2	CY	\$28.00	\$56.00	\$28.00	\$56.00	
Planting Soil Mixture	9	CY	\$60.00	\$540.00	\$60.00	\$540.00	
Contingency - 10%	1	LS	\$1,689.55	\$1,689.55	\$1,154.55	\$1,154.55	
				Subtotal	\$18,585.05	Subtotal	\$12,700.05
<b>Main St. Midblock Crossing</b>							
Demo	1175	SF	\$3.00	\$3,525.00	\$0.00	\$0.00	Completed by City crews
Earthwork/ Finish Grading	1	LS	\$5,000.00		\$1,000.00	\$1,000.00	
Concrete Paving, 5" thick, WWM Reinforced	80	SF	\$5.00	\$400.00	\$5.00	\$400.00	
Concrete pavement patching allowance - 8"	1	LS	\$8.00	\$8.00	\$1,000.00	\$1,000.00	
Curb & Gutter, 6" curb head + 24" gutter pan	40	LF	\$22.00	\$880.00	\$22.00	\$880.00	
Concrete Curbs, 6" curb head, formed	88	LF	\$20.00	\$1,760.00	\$20.00	\$1,760.00	
Detectable Warning Plate	2	EA	\$300.00	\$600.00	\$150.00	\$300.00	reduction on basis of actual cost
MMA Colored Crosswalk Surfacing	232	SF	\$9.00	\$2,088.00	\$9.00	\$2,088.00	\$2.5/SF materials cost. City install?
Pavement Marking	52	LF	\$24.00	\$1,248.00	\$24.00	\$1,248.00	reflective band @ crossing. City install?
Pedestrian Crossing Sign	1	LS	\$500.00	\$500.00	\$0.00	\$0.00	City supplied signs
Shrubs	4	EA	\$60.00	\$240.00	\$60.00	\$240.00	
Perennials	20	EA	\$18.00	\$360.00	\$18.00	\$360.00	
Shredded Hardwood Bark Mulch	1	CY	\$28.00	\$28.00	\$28.00	\$28.00	
Planting Soil Mixture	4	CY	\$60.00	\$240.00	\$60.00	\$240.00	
Trench Grates	12	LF	\$175.00	\$2,100.00	\$175.00	\$2,100.00	
Contingency - 10%	1	LS	\$1,397.70	\$1,397.70	\$1,164.40	\$1,164.40	Permitting, Soft costs, mobilization, cost estimate oversight, etc.
				Subtotal	\$15,374.70	Subtotal	\$12,808.40
<b>Office Tower Sidewalk</b>							
Demo_Pavement Sawcutting	1	LS	\$3.00	\$3.00	\$0.00	\$0.00	Completed by City crews
Earthwork/ Finish Grading	1	LS	\$5,000.00		\$5,000.00	\$5,000.00	Includes Finish Grading
Concrete Paving, 5" thick, WWM Reinforced	5123	SF	\$5.00	\$25,615.00	\$5.00	\$25,615.00	
Asphalt Paving (patching)	244	SF	\$3.50	\$854.00	\$3.50	\$854.00	
Concrete pavement patching allowance - 8"	1	LS	\$8.00	\$8.00	\$2,000.00	\$2,000.00	
Curb & Gutter, 6" curb head + 24" gutter pan	342	LF	\$22.00	\$7,524.00	\$22.00	\$7,524.00	
Detectable Warning Plate	3	EA	\$300.00	\$900.00	\$150.00	\$450.00	Actual cost basis
MMA Colored Crosswalk Surfacing	371	SF	\$9.00	\$3,339.00	\$9.00	\$3,339.00	
Pavement Marking	74	LF	\$24.00	\$1,776.00	\$24.00	\$1,776.00	reflective band @ crossing. City install?
Signage	1	LS	\$500.00	\$500.00	\$0.00	\$0.00	By City?
Site Lighting Allowance	1	LS	\$30,000.00	\$30,000.00	\$2,000.00	\$2,000.00	Assumes city will install conduit, concrete bases, poles, fixtures, and connections.
Storm Sewer Utility Allowance	1	LS	\$5,000.00	\$5,000.00	\$0.00	\$0.00	Raise 1 existing manhole, completed by city crews
Trees	3	EA	\$500.00	\$1,500.00	\$500.00	\$1,500.00	
Shrubs	0	EA	\$60.00	\$0.00	\$60.00	\$0.00	
Perennials	185	EA	\$18.00	\$3,330.00	\$18.00	\$3,330.00	
Shredded Hardwood Bark Mulch	7	CY	\$28.00	\$196.00	\$28.00	\$196.00	
Planting Soil Mixture	41	CY	\$60.00	\$2,460.00	\$60.00	\$2,460.00	
Contingency - 10%	1	LS	\$7,551.60	\$7,551.60	\$5,604.40	\$5,604.40	
				Subtotal	\$90,553.60	Subtotal	\$61,648.40
<b>Pedestrian Link</b>							
Demo	5230	SF	\$3.00	\$15,690.00	\$0.00	\$0.00	Includes alley crossing
Erosion Control	1	LS	\$3.00	\$3.00	\$0.00	\$0.00	Completed by City crews?
Construction Fence	154	LF	\$3.00	\$462.00	\$3.00	\$462.00	
Earthwork/ Finish Grading	1	LS	\$5,000.00		\$5,000.00	\$5,000.00	Includes Finish Grading
Concrete Paving, 5" thick, WWM Reinforced	1654	SF	\$5.00	\$8,270.00	\$5.00	\$8,270.00	
Concrete Paving, 7" thick, WWM Reinforced	468	SF	\$8.00	\$3,744.00	\$8.00	\$3,744.00	
Asphalt Paving	730	SF	\$3.50	\$2,555.00	\$3.50	\$2,555.00	
Curb & Gutter, 6" curb head + 24" gutter pan	81	LF	\$22.00	\$1,782.00	\$22.00	\$1,782.00	
Concrete Curbs, 8" curb head, formed	168	LF	\$30.00	\$5,040.00	\$30.00	\$5,040.00	
Pavement Marking	36	LF	\$24.00	\$864.00	\$24.00	\$864.00	reflective band @ crossing. City install?
MMA Colored Crosswalk Surfacing	139	SF	\$9.00	\$1,251.00	\$9.00	\$1,251.00	\$2.5/SF materials cost. City install?
Trees	8	EA	\$500.00	\$4,000.00	\$500.00	\$4,000.00	
Shrubs	28	EA	\$60.00	\$1,680.00	\$60.00	\$1,680.00	
Perennials	200	EA	\$18.00	\$3,600.00	\$18.00	\$3,600.00	
Shredded Hardwood Bark Mulch	20	CY	\$28.00	\$560.00	\$28.00	\$560.00	
Planting Soil Mixture	49	CY	\$60.00	\$2,940.00	\$60.00	\$2,940.00	
Site Lighting Allowance (see subsequent spreadsheet)	1	LS	\$35,000.00	\$35,000.00	\$18,000.00	\$18,000.00	City will supply/install decorative light poles - \$16k accent lighting + \$2k allowance for city-contractor coordination
Storm Sewer_Modify Manhole	1	EA	\$600.00	\$600.00	\$0.00	\$0.00	Completed by City crews
Storm Sewer_36" Concrete Manhole Drain Basin	2	EA	\$600.00	\$1,200.00	\$0.00	\$0.00	Completed by City crews
Storm Sewer_PVC Drain Basin	4	EA	\$300.00	\$1,200.00	\$0.00	\$0.00	Completed by City crews
Storm Sewer_6" PVC Pipe	76	LF	\$60.00	\$4,560.00	\$0.00	\$0.00	Completed by City crews
Storm Sewer_Perforated Underdrain	50	LF	\$20.00	\$1,000.00	\$0.00	\$0.00	Completed by City crews
Site Furniture_Tables	4	EA	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	
Site Furniture_Moveable Chairs	18	EA	\$200.00	\$3,600.00	\$250.00	\$4,500.00	
Site Furniture_Trash/Recycling Receptacle	1	EA	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	
Site Furniture_Bike Racks	6	EA	\$400.00	\$2,400.00	\$400.00	\$2,400.00	
Site Furniture_Community Table	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	
Tree Grates	6	EA	\$1,500.00	\$9,000.00	\$1,500.00	\$9,000.00	includes void form, planting soil, casting, washed stone
Detectable Warning Plate	4	EA	\$300.00	\$1,200.00	\$150.00	\$600.00	Actual cost basis
Unit Paving	767	SF	\$20.00	\$15,340.00	\$20.00	\$15,340.00	Aggregate Base, sand-set
Pour-In-Place Rubber Surfacing	254	SF	\$18.00	\$4,572.00	\$18.00	\$4,572.00	
Art Furnishings Allowance	1	LS	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	Wall Art, Gateway Arch --not included (add \$5k)
Salvaged Stone Pier	2	EA	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	Includes Concrete base and Salvaged Stone Installation, anchors
Salvaged Stone Seating	44	LF	\$200.00	\$8,800.00	\$200.00	\$8,800.00	
Contingency - 10%	1	LS			\$12,296.00	\$12,296.00	Permitting, Soft costs, mobilization, cost estimate oversight, etc.
				Subtotal	\$168,913.00	Subtotal	\$135,256.00
							<b>\$222,412.85 TOTAL</b>
							-\$11,356.00 Non-Planting Add-Alt Total
							\$19,390.00 Planting Total
							-\$9,695.00 Potential Planting Savings if done by city (est. 50% cost reduction)
							<b>\$201,361.85 TOTAL excluding Add-Alternate Bid Items</b>
<b>Mill St Terminus</b>							
Demo	5700	SF	\$2.00	\$11,400.00			Lower unit cost due to less hardscape demo
Concrete Paving, 5" thick, Reinforced	2900	SF	\$5.00	\$14,500.00			
Asphalt Paving (patching)	230	SF	\$3.50	\$805.00			
Concrete Curbs, 8" curb head, formed	300	LF	\$30.00	\$9,000.00			
Planting Allowance	1	LS	\$8,000.00	\$8,000.00			
Site Lighting Allowance	1	LS	\$15,000.00	\$15,000.00			
Storm Sewer Utility	1	LS	\$5,000.00	\$5,000.00			
Other Utilities, Allowance	1	LS	\$5,000.00	\$5,000.00			
Unit Paving	710	SF	\$20.00	\$14,200.00			Aggregate Base, sand-set
Salvaged Bank Column Base and Mounting	1	LS	\$15,000.00	\$15,000.00			

Tagged as possible Add Alt Item

Salvaged Stone Seating	1	LS	\$10,000.00	\$10,000.00			
Contingency - 10%	1	LS	\$10,790.50	\$10,790.50			
			<b>Subtotal</b>	<b>\$118,695.50</b>			

<b>Main St. Bumpout @ Mill St Intersection</b>							
Demo	680	SF	\$3.00	\$2,040.00	\$0.00	\$0.00	Completed by City crews
Concrete Paving, 5" thick, Reinforced	200	SF	\$5.00	\$1,000.00	\$5.00	\$1,000.00	
Curb & Gutter, 6" curb head + 24" gutter pan	68	LF	\$22.00	\$1,496.00	\$22.00	\$1,496.00	
Detectable Warning Plate	1	EA	\$300.00	\$300.00	\$150.00	\$150.00	Actual cost basis
Concrete pavement patching allowance - 8"	1	LS	\$8.00	\$8.00	\$1,000.00	\$1,000.00	
Shrubs	8	EA	\$60.00	\$480.00	\$60.00	\$480.00	
Perennials	45	EA	\$18.00	\$810.00	\$18.00	\$810.00	
Shredded Hardwood Bark Mulch	4	CY	\$28.00	\$112.00	\$28.00	\$112.00	
Planting Soil Mixture	20	CY	\$60.00	\$1,200.00	\$60.00	\$1,200.00	
Contingency - 10%	1	LS	\$483.60	\$483.60	\$624.80	\$624.80	
			<b>Subtotal</b>	<b>\$7,929.60</b>	<b>Subtotal</b>	<b>\$6,872.80</b>	