

**Construction Cost Estimate**

**ITEP# 129097**

PROJECT: City of Warrenville, Illinois Route 56 Streetscape Enhancements

DATE: August 30, 2010

PROJECT NO.: 03-0868-002-01-02

PREPARED BY: Hitchcock Design Group

Items	Unit	Quantity	Unit Price	Total Cost	Cost Breakdown by Funding Source				
					Federal Share	Sponsor Share (Local Match)	Ineligible Items	Total Cost	
<b>STREET LIGHTING AND TRAFFIC SIGNALS</b>									
Traffic Signal Modernization (Batavia Road)	L SUM	1	\$35,000	\$35,000	\$0	\$0	\$35,000	\$35,000	
Emergency Vehicle Pre-emption	L SUM	1	\$16,000	\$16,000	\$0	\$0	\$16,000	\$16,000	
Aesthetic Upgrades to Traffic Signals (Route 59, Batavia Road, Winfield Rd)	EACH	3	\$20,000	\$60,000	\$0	\$0	\$60,000	\$60,000	
Electrical Conduit and Handholes (for Batavia Road Street Lights)	L SUM	1	\$50,000	\$50,000	\$25,000	\$25,000	\$0	\$50,000	
Street Lighting at Batavia Road	EACH	20	\$10,000	\$200,000	\$100,000	\$100,000	\$0	\$200,000	
Street Lighting Aesthetic Upgrade at Route 59	EACH	20	\$5,000	\$100,000	\$50,000	\$50,000	\$0	\$100,000	
<b>Subtotal:</b>				<b>\$461,000</b>	<b>\$175,000</b>	<b>\$175,000</b>	<b>\$111,000</b>	<b>\$461,000</b>	
<b>BRIDGE ENHANCEMENTS</b>									
Guardrail Upgrade at West Branch DuPage River Bridge	FOOT	800	\$25	\$20,000	\$16,000	\$4,000	\$0	\$20,000	
West Branch DuPage River Bridge Enhancements (decorative railings, architectural elements, accent lighting)	L SUM	1	\$150,000	\$150,000	\$120,000	\$30,000	\$0	\$150,000	
Guardrail Upgrade at Ferry Creek Bridge	FOOT	600	\$25	\$15,000	\$12,000	\$3,000	\$0	\$15,000	
Ferry Creek Bridge Enhancements (decorative railings, architectural elements, accent lighting)	L SUM	1	\$100,000	\$100,000	\$80,000	\$20,000	\$0	\$100,000	
<b>Subtotal:</b>				<b>\$285,000</b>	<b>\$228,000</b>	<b>\$57,000</b>	<b>\$0</b>	<b>\$285,000</b>	
<b>LANDSCAPE AND SIGNAGE</b>									
Prairie Path Landscape Improvements (clear invasives, trees, shrubs, seeding, wildflowers)	L SUM	1	\$150,000	\$150,000	\$120,000	\$30,000	\$0	\$150,000	
Irrigation in Civic Center Area	L SUM	1	\$50,000	\$50,000	\$40,000	\$10,000	\$0	\$50,000	
City Entry Signs	EACH	3	\$15,000	\$45,000	\$36,000	\$9,000	\$0	\$45,000	
Central Community Events Sign	EACH	1	\$75,000	\$75,000	\$60,000	\$15,000	\$0	\$75,000	
Wayfinding Signs	EACH	10	\$5,000	\$50,000	\$40,000	\$10,000	\$0	\$50,000	
<b>Subtotal:</b>				<b>\$370,000</b>	<b>\$296,000</b>	<b>\$74,000</b>	<b>\$0</b>	<b>\$370,000</b>	
<b>HARD SURFACE IMPROVEMENTS</b>									
Sidewalk	SQ FT	7671	\$5	\$38,355	\$30,684	\$7,671	\$0	\$38,355	
Bike Path	SQ YD	3791	\$25	\$94,775	\$75,820	\$18,955	\$0	\$94,775	
Colored, Patterned Concrete Crosswalks	SQ FT	9000	\$10	\$90,000	\$72,000	\$18,000	\$0	\$90,000	
Colored, Patterned Concrete Corner Islands	SQ FT	2500	\$10	\$25,000	\$20,000	\$5,000	\$0	\$25,000	
Colored, Patterned Concrete Sidewalk Corners	SQ FT	2500	\$15	\$37,500	\$30,000	\$7,500	\$0	\$37,500	
Colored, Patterned Concrete Median Nosings	SQ FT	7500	\$10	\$75,000	\$60,000	\$15,000	\$0	\$75,000	
<b>Subtotal:</b>				<b>\$360,630</b>	<b>\$288,504</b>	<b>\$72,126</b>	<b>\$0</b>	<b>\$360,630</b>	
<b>ROCKWELL STREET/ ROUTE 56/ PRAIRIE PATH INTERSECTION IMPROVEMENTS</b>									
Clearing and Grubbing	L SUM	1	\$1,875	\$1,875	\$0	\$0	\$1,875	\$1,875	
Mobilization	L SUM	1	\$22,500	\$22,500	\$0	\$0	\$22,500	\$22,500	
Traffic Control and Protection	L SUM	1	\$3,750	\$3,750	\$0	\$0	\$3,750	\$3,750	
Earth Excavation, Special	CU YD	400	\$30	\$12,000	\$0	\$0	\$12,000	\$12,000	
Borrow Excavation	CU YD	750	\$30	\$22,500	\$0	\$0	\$22,500	\$22,500	
Aggregate Base Course, 12"	SQ YD	1420	\$15	\$21,300	\$0	\$0	\$21,300	\$21,300	
HMA Surface Course, 2"	SQ YD	1420	\$12	\$17,040	\$0	\$0	\$17,040	\$17,040	
HMA Binder Course, 11"	SQ YD	0	\$60	\$0	\$0	\$0	\$0	\$0	
HMA Binder Course, 4"	SQ YD	1420	\$22	\$31,240	\$0	\$0	\$31,240	\$31,240	
Concrete Curb and Gutter	FOOT	1150	\$25	\$28,750	\$0	\$0	\$28,750	\$28,750	
Concrete Sidewalk	SQ FT	2100	\$8	\$15,750	\$12,600	\$3,150	\$0	\$15,750	
Aggregate Bike Trail	SQ YD	260	\$25	\$6,500	\$5,200	\$1,300	\$0	\$6,500	
Storm Manhole	EACH	2	\$2,000	\$4,000	\$0	\$0	\$4,000	\$4,000	
Catch Basin	EACH	4	\$1,500	\$6,000	\$0	\$0	\$6,000	\$6,000	
Storm sewer pipe, 15"	FOOT	250	\$50	\$12,500	\$0	\$0	\$12,500	\$12,500	
Storm sewer pipe, 24"	FOOT	0	\$75	\$0	\$0	\$0	\$0	\$0	
Retaining Wall	SQ FT	750	\$50	\$37,500	\$0	\$0	\$37,500	\$37,500	
Landscaping elements	L SUM	1	\$25,000	\$25,000	\$20,000	\$5,000	\$0	\$25,000	
Pavement Marking and Signage	L SUM	1	\$2,250	\$2,250	\$0	\$0	\$2,250	\$2,250	
Colored, Patterned Concrete Crosswalks	SQ FT	1000	\$10	\$10,000	\$8,000	\$2,000	\$0	\$10,000	
<b>Subtotal:</b>				<b>\$280,455</b>	<b>\$45,800</b>	<b>\$11,450</b>	<b>\$223,205</b>	<b>\$280,455</b>	
<b>Construction Total:</b>				<b>\$1,757,085</b>	<b>\$1,033,304</b>	<b>\$389,576</b>	<b>\$334,205</b>	<b>\$1,757,085</b>	
Preliminary Engineering I (10%)	L SUM	1	\$175,709	\$175,709	\$103,330	\$38,958	\$33,421	\$175,709	
Preliminary Engineering II (10%)	L SUM	1	\$175,709	\$175,709	\$103,330	\$38,958	\$33,421	\$175,709	
Right-of-Way Acquisition (50/50)	L SUM	1	\$0	\$0	\$0	\$0	\$0	\$0	
Utility Relocations	L SUM	1	\$200,000	\$200,000	\$0	\$0	\$200,000	\$200,000	
Construction Engineering (10%)	L SUM	1	\$175,709	\$175,709	\$103,330	\$38,958	\$33,421	\$175,709	
<b>Project Total:</b>				<b>\$2,484,211</b>	<b>\$1,343,295</b>	<b>\$506,449</b>	<b>\$634,467</b>	<b>\$2,484,211</b>	