

**Sycamore Township/Hamilton County  
Kenwood Square - Mini-Roundabout  
Planning Estimate - Re-Use Existing Pavement**

ITEM	DESCRIPTION	GRAND TOTAL	UNIT	UNIT COST	TOTAL COST
<b>ROADWAY</b>					
201	CLEARING AND GRUBBING	1	LUMP	\$ 5,000	\$ 5,000
202	CURB REMOVED	990	FT	\$ 5	\$ 4,950
202	PAVEMENT REMOVED	1235	SY	\$ 10	\$ 12,350
202	CONCRETE MEDIAN REMOVED	20	SY	\$ 20	\$ 400
202	SIGN FOUNDATION REMOVED	2	EACH	\$ 500	\$ 1,000
203	EXCAVATION	1000	CY	\$ 25	\$ 25,000
203	EMBANKMENT	200	CY	\$ 15	\$ 3,000
204	EXCAVATION OF SUBGRADE	50	CY	\$ 50	\$ 2,500
204	GRANULAR MATERIAL	50	CY	\$ 50	\$ 2,500
204	GEOTEXTILE FABRIC	200	SY	\$ 2	\$ 400
254	PAVEMENT PLANING, ASPHALT CONCRETE	1000	SY	\$ 10	\$ 10,000
608	CURB RAMP	1	EACH	\$ 2,000	\$ 2,000
<b>PAVEMENT</b>					
204	SUBGRADE COMPACTION	1200	SY	\$ 3	\$ 3,600
301	ASPHALT CONCRETE BASE, PG64-22 (6")	135	CY	\$ 200	\$ 27,000
304	AGGREGATE BASE (6")	200	CY	\$ 60	\$ 12,000
448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22 (1.75")	90	CY	\$ 165	\$ 14,850
448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 (1.25")	65	CY	\$ 175	\$ 11,375
452	NON-REINFORCED CONCRETE PAVEMENT, 10", STAMPED	220	SY	\$ 150	\$ 33,000
609	CURB, TYPE 6	1100	FT	\$ 15	\$ 16,500
609	4" CONCRETE TRAFFIC ISLAND	60	SY	\$ 100	\$ 6,000
<b>DRAINAGE</b>					
	DRAINAGE ALLOWANCE	1	LUMP	\$ 25,000	\$ 25,000
<b>EROSION CONTROL</b>					
659	TOPSOIL	150	CY	\$ 35	\$ 5,250
659	SEEDING AND MULCHING	1270	SY	\$ 5	\$ 6,350
659	LANDSCAPING ALLOWANCE	1	LS	\$ 10,000	\$ 10,000
832	EROSION CONTROL	1	LS	\$ 5,000	\$ 5,000
<b>TRAFFIC CONTROL</b>					
644	CENTERLINE - DOUBLE YELLOW	400	FT	\$ 2	\$ 800
644	EDGE LINE (8")	400	FT	\$ 1	\$ 400
644	YIELD LINE	54	FT	\$ 10	\$ 540
644	DOTTED LINE	80	FT	\$ 3	\$ 240
644	ARROW	16	EACH	\$ 200	\$ 3,200
630	SIGNING	1	LUMP	\$ 3,000	\$ 3,000
<b>LIGHTING</b>					
	LIGHTING ALLOWANCE	1	LUMP	\$ 35,000	\$ 35,000
<b>MISCELLANEOUS</b>					
614	MAINTAINING TRAFFIC	1	LS	\$ 15,000	\$ 15,000
623	CONSTRUCTION LAYOUT STAKES	1	LS	\$ 10,000	\$ 10,000
624	MOBILIZATION	1	LS	\$ 15,000	\$ 15,000
<b>SUBTOTAL</b>					<b>\$ 328,205</b>
	CONTINGENCY		20%		\$ 65,641
<b>TOTAL CONSTRUCTION</b>					<b>\$ 393,846</b>
<b>ENGINEERING, RIGHT OF WAY &amp; UTILITIES</b>					
	DESIGN AND ENGINEERING (INCLUDES APPROPRIATION PLAT)		10%		\$ 39,385
	PERMANENT RIGHT OF WAY	22300	SF	\$ 40	\$ 892,000
	TEMPORARY EASEMENT	20516	SF	\$ 4	\$ 82,064
	BUSINESS SIGN	1	EACH	\$ 15,000	\$ 15,000
	PARKING SPACE (NET 6 ADDITIONAL SPACES)	0	EACH	\$ 500	\$ -
<b>TOTAL R/W &amp; ENGINEERING</b>					<b>\$ 1,028,449</b>
<b>GRAND TOTAL</b>					<b>\$ 1,422,295</b>

**Sycamore Township/Hamilton County  
Kenwood Square - Mini-Roundabout  
Planning Estimate - All New Pavement**

ITEM	DESCRIPTION	GRAND TOTAL	UNIT	UNIT COST	TOTAL COST
<b>ROADWAY</b>					
201	CLEARING AND GRUBBING	1	LUMP	\$ 5,000	\$ 5,000
202	CURB REMOVED	990	FT	\$ 5	\$ 4,950
202	PAVEMENT REMOVED	2260	SY	\$ 10	\$ 22,600
202	CONCRETE MEDIAN REMOVED	20	SY	\$ 20	\$ 400
202	SIGN FOUNDATION REMOVED	2	EACH	\$ 500	\$ 1,000
203	EXCAVATION	1000	CY	\$ 25	\$ 25,000
203	EMBANKMENT	200	CY	\$ 15	\$ 3,000
204	EXCAVATION OF SUBGRADE	50	CY	\$ 50	\$ 2,500
204	GRANULAR MATERIAL	50	CY	\$ 50	\$ 2,500
204	GEOTEXTILE FABRIC	200	SY	\$ 2	\$ 400
608	CURB RAMP	1	EACH	\$ 2,000	\$ 2,000
<b>PAVEMENT</b>					
204	SUBGRADE COMPACTION	2190	SY	\$ 2	\$ 4,380
301	ASPHALT CONCRETE BASE, PG64-22 (6")	300	CY	\$ 150	\$ 45,000
304	AGGREGATE BASE (6")	365	CY	\$ 60	\$ 21,900
448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22 (1.75")	88	CY	\$ 165	\$ 14,520
448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 (1.25")	113	CY	\$ 175	\$ 19,775
452	NON-REINFORCED CONCRETE PAVEMENT, STAMPED & STAINED	220	SY	\$ 150	\$ 33,000
609	CURB, TYPE 6	1100	FT	\$ 15	\$ 16,500
609	4" CONCRETE TRAFFIC ISLAND	60	SY	\$ 100	\$ 6,000
<b>DRAINAGE</b>					
	DRAINAGE ALLOWANCE	1	LUMP	\$ 25,000	\$ 25,000
<b>EROSION CONTROL</b>					
659	TOPSOIL	150	CY	\$ 35	\$ 5,250
659	SEEDING AND MULCHING	1270	SY	\$ 5	\$ 6,350
659	LANDSCAPING ALLOWANCE	1	LS	\$ 10,000	\$ 10,000
832	EROSION CONTROL	1	LS	\$ 5,000	\$ 5,000
<b>TRAFFIC CONTROL</b>					
644	CENTERLINE - DOUBLE YELLOW	400	FT	\$ 2	\$ 800
644	EDGE LINE (8")	400	FT	\$ 1	\$ 400
644	YIELD LINE	54	FT	\$ 10	\$ 540
644	DOTTED LINE	80	FT	\$ 3	\$ 240
644	ARROW	16	EACH	\$ 200	\$ 3,200
630	SIGNING	1	LUMP	\$ 3,000	\$ 3,000
<b>LIGHTING</b>					
	LIGHTING ALLOWANCE	1	LUMP	\$ 35,000	\$ 35,000
<b>MISCELLANEOUS</b>					
614	MAINTAINING TRAFFIC	1	LS	\$ 15,000	\$ 15,000
623	CONSTRUCTION LAYOUT STAKES	1	LS	\$ 10,000	\$ 10,000
624	MOBILIZATION	1	LS	\$ 15,000	\$ 15,000
<b>SUBTOTAL</b>					<b>\$ 365,205</b>
	CONTINGENCY		20%		\$ 73,041
<b>TOTAL CONSTRUCTION</b>					<b>\$ 438,246</b>
<b>ENGINEERING, RIGHT OF WAY &amp; UTILITIES</b>					
	DESIGN AND ENGINEERING (INCLUDES APPROPRIATION PLAT)		10%		\$ 43,825
	PERMANENT RIGHT OF WAY	22300	SF	\$ 40	\$ 892,000
	TEMPORARY EASEMENT	20516	SF	\$ 4	\$ 82,064
	BUSINESS SIGN	1	EACH	\$ 15,000	\$ 15,000
	PARKING SPACE (NET 6 ADDITIONAL SPACES)	0	EACH	\$ 500	\$ -
<b>TOTAL R/W &amp; ENGINEERING</b>					<b>\$ 1,032,889</b>
<b>GRAND TOTAL</b>					<b>\$ 1,471,135</b>