

**Appendix I**  
**Round 3 - Conceptual Level Total Cost Estimates**

**Round # 3**  
**Draft Summary of Conceptual Level Total Costs (2011 Dollars)**  
 Willow Road Study (IL 43 to I-94)

**Alternative 2**  
**2-Lane with Curbed Median**

Description	Location				Subtotal
	Area 1	Area 2	Area 3	Area 4	
<i>Roadway</i>					
Excavation & Earthwork	\$ 58,000	\$ 569,000	\$ 35,000	\$ 158,000	\$ 820,000
Drainage	\$ 622,000	\$ 1,444,000	\$ 120,000	\$ 35,000	\$ 2,221,000
Pavement	\$ 937,000	\$ 3,529,000	\$ 491,000	\$ 381,000	\$ 5,338,000
Shoulders, Curbs & Gutters	\$ 271,000	\$ 600,000	\$ 56,000	\$ 187,000	\$ 1,114,000
Roadside Improvement	\$ -	\$ 154,000	\$ -	\$ -	\$ 154,000
Bridge	\$ -	\$ 2,278,000	\$ -	\$ -	\$ 2,278,000
Retaining Wall	\$ -	\$ 765,000	\$ -	\$ -	\$ 765,000
Traffic Control & Protection	\$ 189,000	\$ 934,000	\$ 71,000	\$ 77,000	\$ 1,271,000
<b>Subtotal</b>	<b>\$ 2,077,000</b>	<b>\$ 10,273,000</b>	<b>\$ 773,000</b>	<b>\$ 838,000</b>	<b>\$ 13,961,000</b>
<i>Lighting and Signals</i>					
Roadway Lighting	\$ -	\$ 1,728,000	\$ -	\$ -	\$ 1,728,000
Traffic Signals	\$ 375,000	\$ 1,230,000	\$ 330,000	\$ -	\$ 1,935,000
<b>Subtotal</b>	<b>\$ 375,000</b>	<b>\$ 2,958,000</b>	<b>\$ 330,000</b>	<b>\$ -</b>	<b>\$ 3,663,000</b>
<b>Roadway and Lighting Subtotal</b>	<b>\$ 2,452,000</b>	<b>\$ 13,231,000</b>	<b>\$ 1,103,000</b>	<b>\$ 838,000</b>	<b>\$ 17,624,000</b>
Contingency (25%)	\$ 613,000	\$ 3,308,000	\$ 276,000	\$ 210,000	\$ 4,407,000
<b>Construction Subtotal</b>	<b>\$ 3,065,000</b>	<b>\$ 16,539,000</b>	<b>\$ 1,379,000</b>	<b>\$ 1,048,000</b>	<b>\$ 22,031,000</b>
Engineering (17%)	\$ 522,000	\$ 2,812,000	\$ 235,000	\$ 179,000	\$ 3,748,000
<b>Project Total</b>	<b>\$ 3,587,000</b>	<b>\$ 19,351,000</b>	<b>\$ 1,614,000</b>	<b>\$ 1,227,000</b>	<b>\$ 25,779,000</b>

Key Assumptions:

1. Area 1 is from 950' west of IL 43 to 750' east of IL 43, Area 2 is from 750' east of IL 43 to 250' east of Old Willow Road/Northfield Road, Area 3 is from 250' east of Old Willow Road/Northfield Road to 270' of Central Avenue/Happ Road and Area 4 is the I-94 at Willow Road interchange.
2. Area 1 is widening and resurfacing while Areas 2, 3 and 4 are reconstruction.
3. Does not include any costs for utility relocations, relocations, detention or environmental mitigation.
4. Contingency provides for potential items to be determined in future design studies.

**Round # 3**  
**Draft Summary of Conceptual Level Total Costs (2011 Dollars)**

Willow Road Study (IL 43 to I-94)

**Alternative 3 Modified**  
**4 -10' Lanes with Curbed Median**

Description	Location				Subtotal
	Area 1	Area 2	Area 3	Area 4	
<i>Roadway</i>					
Excavation & Earthwork	\$ 58,000	\$ 650,000	\$ 35,000	\$ 158,000	\$ 901,000
Drainage	\$ 622,000	\$ 1,566,000	\$ 120,000	\$ 35,000	\$ 2,343,000
Pavement	\$ 902,000	\$ 3,750,000	\$ 491,000	\$ 381,000	\$ 5,524,000
Shoulders, Curbs & Gutters	\$ 271,000	\$ 608,000	\$ 56,000	\$ 187,000	\$ 1,122,000
Roadside Improvement	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
Bridge	\$ -	\$ 2,278,000	\$ -	\$ -	\$ 2,278,000
Retaining Wall	\$ -	\$ 900,000	\$ -	\$ -	\$ 900,000
Traffic Control & Protection	\$ 186,000	\$ 981,000	\$ 71,000	\$ 77,000	\$ 1,315,000
<b>Subtotal</b>	\$ 2,039,000	\$ 10,783,000	\$ 773,000	\$ 838,000	\$ 14,433,000
<i>Lighting and Signals</i>					
Roadway Lighting	\$ -	\$ 1,728,000	\$ -	\$ -	\$ 1,728,000
Traffic Signals	\$ 375,000	\$ 1,230,000	\$ 330,000	\$ -	\$ 1,935,000
<b>Subtotal</b>	\$ 375,000	\$ 2,958,000	\$ 330,000	\$ -	\$ 3,663,000
<b>Roadway and Lighting Subtotal</b>	\$ 2,414,000	\$ 13,741,000	\$ 1,103,000	\$ 838,000	\$ 18,096,000
Contingency (25%)	\$ 604,000	\$ 3,436,000	\$ 276,000	\$ 210,000	\$ 4,526,000
<b>Construction Subtotal</b>	\$ 3,018,000	\$ 17,177,000	\$ 1,379,000	\$ 1,048,000	\$ 22,622,000
Engineering (17%)	\$ 514,000	\$ 2,921,000	\$ 235,000	\$ 179,000	\$ 3,849,000
<b>Project Total</b>	\$ 3,532,000	\$ 20,098,000	\$ 1,614,000	\$ 1,227,000	\$ 26,471,000

Key Assumptions:

1. Area 1 is from 950' west of IL 43 to 750' east of IL 43, Area 2 is from 750' east of IL 43 to 250' east of Old Willow Road/Northfield Road, Area 3 is from 250' east of Old Willow Road/Northfield Road to 270' of Central Avenue/Happ Road and Area 4 is the I-94 at Willow Road interchange.
2. Area 1 is widening and resurfacing while Areas 2, 3 and 4 are reconstruction.
3. Does not include any costs for utility relocations, relocations, detention or environmental mitigation.
4. Contingency provides for potential items to be determined in future design studies.