

APPENDIX E
Budget Estimate

Mckownville –Drainage Analysis Cost Estimate

Area 1	<u>Qty</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
<i>Parkwood Street-West</i>				
15" pipe	300	LF	\$80	\$24,000
18" pipe	300	LF	\$125	\$37,500
sump pump connections	1	LS	\$20,000	\$20,000
Paving	450	ton	\$100	\$45,000
<i>Parkwood Street-East</i>				
15" pipe	400	LF	\$80	\$32,000
18" pipe	400	LF	\$125	\$50,000
sump pump connections	1	LS	\$20,000	\$20,000
Paving	600	ton	\$100	\$60,000
<i>Glenwood Street</i>				
15" pipe	350	LF	\$80	\$28,000
18" pipe	350	LF	\$125	\$43,750
sump pump connections	1	LS	\$20,000	\$20,000
Paving	525	ton	\$100	\$52,500
<i>Norwood Street</i>				
15" pipe	400	LF	\$80	\$32,000
18" pipe	400	LF	\$125	\$50,000
24" pipe	630	LF	\$200	\$126,000
sump pump connections	1	LS	\$20,000	\$20,000
Paving	2,225	ton	\$100	\$222,500
jack-bore under Western Avenue	100	LF	\$800	\$80,000
36" pipe Mckown Road	400	LF	\$200	\$80,000
48" pipe Mckown Rd & off-site	1800	LF	\$250	\$450,000
Stormwater management system and E&S	3	LS	\$300,000	\$900,000
Land acquisition	1	LS	\$500,000	\$500,000
			Construction Sub-Total	<u>\$2,893,250</u>
			Engineering 15%	\$433,988
			Contingency 10%	<u>\$289,325</u>
			Total Cost Estimate	\$3,616,563

Mckownville –Drainage Analysis Cost Estimate

Area 2	<u>Qty</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
<i>Knowles Terrace</i>				
15" pipe	700	LF	\$80	\$56,000
15" pipe	225	LF	\$80	\$18,000
18" pipe	175	LF	\$125	\$21,875
sump pump connections	1	LS	\$10,000	\$10,000
Paving	300	ton	\$100	\$30,000
<i>Waverly Place</i>				
15" pipe	300	LF	\$80	\$24,000
18" pipe	225	LF	\$125	\$28,125
18" pipe	550	LF	\$125	\$68,750
sump pump connections	1	LS	\$10,000	\$10,000
Paving	394	ton	\$100	\$39,400
Stormwater management system and E&S	1	LS	\$300,000	\$300,000
			Construction Sub-Total	<u>\$606,150</u>
			Engineering 15%	\$90,923
			Contingency 10%	<u>\$60,615</u>
			Total Cost Estimate	\$757,688

Mckownville –Drainage Analysis Cost Estimate

Area 3	<u>Qty</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
<i>Providence Street</i>				
15" pipe	250	LF	\$80	\$20,000
18" pipe	1,000	LF	\$125	\$125,000
sump pump connections	1	LS	\$40,000	\$40,000
Paving	938	ton	\$100	\$93,800
<i>Mercer Street</i>				
15" pipe	250	LF	\$80	\$20,000
18" pipe	250	LF	\$125	\$31,250
sump pump connections	1	LS	\$20,000	\$20,000
Paving	375	ton	\$100	\$37,500
<i>Warren Street</i>				
15" pipe	300	LF	\$80	\$24,000
18" pipe	225	LF	\$125	\$28,125
sump pump connections	1	LS	\$40,000	\$40,000
Paving	400	ton	\$100	\$40,000
			Construction Sub-Total	<u>\$519,675</u>
			Engineering 15%	\$77,951
			Contingency 10%	<u>\$51,968</u>
			Total Cost Estimate	\$649,594

Mckownville –Drainage Analysis Cost Estimate

Area 4	<u>Qty</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
<i>Elmwood Street</i>				
15" pipe	500	LF	\$80	\$40,000
18" pipe	450	LF	\$125	\$56,250
24" pipe	300	LF	\$175	\$52,500
36" pipe	400	LF	\$200	\$80,000
48" pipe	525	LF	\$250	\$131,250
sump pump connections	1	LS	\$30,000	\$30,000
Paving	975	ton	\$100	\$97,500
<i>Parkwood Street</i>				
15" pipe	600	LF	\$80	\$48,000
18" pipe	1,125	LF	\$125	\$140,625
sump pump connections	1	LS	\$25,000	\$25,000
Paving	1,294	ton	\$100	\$129,400
<i>Glenwood Street</i>				
15" pipe	600	LF	\$80	\$48,000
18" pipe	1,125	LF	\$125	\$140,625
sump pump connections	1	LS	\$25,000	\$25,000
Paving	1,294	ton	\$100	\$129,400
			Construction Sub-Total	<u>\$1,173,550</u>
			Engineering 15%	\$176,033
			Contingency 10%	<u>\$117,355</u>
			Total Cost Estimate	\$1,466,938

**McKownville Cost Estimate
Summary**

Area	Area 1	Area 2	Area 3	Area 4
Total Cost	\$3,616,563	\$757,688	\$649,594	\$1,466,938

Notes:

\$ 6,479,763