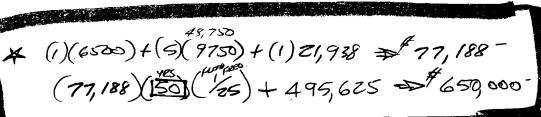
## **Exhibit A - Nettleton Avenue Drainage Improvements**

Damage			Average Property Value:	\$130,000
Level _	Damages	_		
1	\$6,500	5% Average Property Value	2005 FEMA Average Damages for Arkansas:	\$8,225
2	\$9,750	DL #1 * 1.5		
3	\$14,625	DL #2 * 1.5		
4	\$21,938	DL #3 * 1.5	Total Claims:	95
5	\$32,906	DL #4 * 1.5	Total Damages:	\$955,703
6	<b>\$49</b> ,359	DL #5 * 1.5	Average Damages	\$10,060
7	\$74,039	DL #6 * 1.5		

	Existing Conditions										
Flood	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	Projected	Accumulated		
Frequency	Damages	Damages	Damages	Damages	Damages	Damages	Damages	Damages	Damages		
1-year	0	0	0	0	0	0	0	\$0	\$0		
2-year	1	0	0	0	0	0	0	\$6,500	\$162,500		
5-year	0	1	0	0	0	0	0	\$9,750	\$260,000		
) 10-year	5x6,500		1	0	0	0	0 -	\$47,125	\$495,625		
27-) 885		<u> </u>	9	4	0	0 1	0	\$77,188	3850,000		
50-year	1	1	5	0	1	0	0	\$122,281	\$772,281		
100-year	0	1 9750	114,625	5× 21,43	0_	1 45 359	0	\$183,422	\$955,703		
			- 1								

1-YEAR DESIGN										
Flood	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	Projected	Accumulated	
Frequency	Damages	Damages								
1-year	0	0	0	0	0	0	0	\$0	\$0	
2-year	1_	0	0	0	0	0	0	\$6,500	\$162,500	
5-year	0	1	0_	0	0	0	0	\$9,750	\$260,000	
10-year	5	0	1	0	0	0	0	\$47,125	\$495,625	
25-year	1	5	0	1	0	0	0	\$77,188	\$650,000	
50-year	1	11	5	0	1	0	0	\$122,281	\$772,281	
100-year	0	1	1	5	0	1	0	\$183,422	\$955,703	



X 500 Dammers Look 1 the Jose Love 1

- 47.158 x 50 - 2 x 50 + 162,50 - 47.125 x 50 - 10yes + 260,000 - 77,188 x 50 - 25yas + 495,625 + 122,281 x 50 + 50ya + 650,000 - 183,422 + 183,422

ESTIMATED PROJECT COST: \$0

ACCUMULATED COST OF DESIGN \$955,703

B/C RATIO. 1,000

**Exhibit A - Nettleton Avenue Drainage Improvements cont.** 

	2-YEAR DESIGN									
Flood	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	Projected	Accumulated	
Frequency	Damages	Damages	Damages	Damages	Damages	Damages	Damages	Damages	Damages	
1-year	0	0	0	0	0	0	0	\$0	\$0	
2-year	0	0	0	0	0	0	0	\$0	\$0	
5-year	1	0	0	0	0	0	0	\$6,500	\$65,000	
10-year	0	1	0	0	0	0	0	\$9,750	\$113,750	
25-year	5	0	1	0	0	0	0	\$47,125_	\$208,000	
50-year	1	5	0	1	0	0	0	\$77,188	\$285,188	
100-year	1	1	5	0	1	0	0	\$122,281		

ESTIMATED PROJECT COST ACCUMULATED COST OF DESIGN:

	5-YEAR DESIGN												
Flood	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	Projected	Accumulated				
Frequency	Damages	Damages _	Damages	Damages	Damages	Damages	Damages	Damages	Damages				
1-year	. 0	0	0	0	0_	0	0	<b>\$ 1</b> \$0	\$0				
2-year	0	0	0	0	0	0	0 50	39 \$0	\$0				
5-year	0	0	0	0_	0	0	0 700	<b>&amp;</b> , \$0	\$0				
10-year	1	0	0	0	0	0	0 1	\$6,500	\$32,500				
25-year	0	1	0	0	0	0	0 90	\$6,500 \$9,750	\$52,000				
50-year	5	0	1	0	0	0	0	\$47,125	\$99,125				
100-year	1	5	0	1	0	0	0	\$77,188	\$176,313				

ESTIMATED PROJECT COST: ACCUMULATED COST OF DESIGN B/C RATIO.

\$326,313

10-YEAR DESIGN										
Flood	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	Projected	Accumulated	
Frequency	Damages	Damages								
1-year	0	0	0	0	0	0	0	\$0	\$0	
2-year	0	0	0	0	0	0	0	\$0	\$0	
5-year	0	0	0	0	0	0	0	\$0	\$0	
10-year	0	0	0	0	0	0 _	0	\$0	\$0_	
25-year	1	0	0	0	0	0	0	\$6,500	\$13,000	
50-year	0	1	0	0_	0	0 _	00	\$9,750	\$22,750	
100-year	5	0	1	0	0	0	n	\$47 125	\$69.875	

ESTIMATED PROJECT COST.

\$250,000 \$319,875

ACCUMULATED COST OF DESIGN. B/C RATIO:

2.988

 $(1)(6500) + (5)(9750) + (1)(21,938) \Rightarrow 77,188$   $(77,188)(50)(50) \Rightarrow 77,188 + 208,000 \Rightarrow 285,188$   $(1)(6500) + (5)(9750) + (1)(21,938) \Rightarrow 77,188 + 208,000 \Rightarrow 285,188$ 

Exhibit A - Nettleton Avenue Drainage Improvements cont.

	25-YEAR DESIGN											
Flood	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	Projected	Accumulated			
Frequency	Damages	Damages	Damages	Damages	Damages	Damages	Damages	Damages	Damages			
1-year	0	0	0	0	0	0	0	\$0	\$0			
2-year	0	0	0	0	0	0	0	\$0	\$0			
5-year	0	00	0	0	0	0	0	\$0	\$0			
10-year	0	0	0	0	0	0	0	\$0	\$0			
25-year	0	0	0	0	0	0	0	\$0	\$0			
50-year	1	0	0	0	0	0	0	\$6,500	\$6,500			
100-year	0	1	0	0	0	0	0	\$9,750	\$16,250			

ESTIMATED PROJECT COST: ACCUMULATED COST OF DESIGN: B/C RATIO.

50-YEAR DESIGN										
Flood	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	Projected	Accumulated	
Frequency	Damages	Damages								
1-year	0	0	0	0	0	0	0	\$0	\$0	
2-уеаг	0	0	0	0	0	0	0	\$0	\$0	
5-year	0	0	0	0	0	0	0	\$0	\$0	
10-year	0	0	0	0	0	0	0	\$0	\$0	
25-year	0	0	0	. 0	0	0	0	\$0	\$0	
50-year	0	0	0	0	0	0	0	\$0	\$0	
100-year	1	0	0	0	0	0	0	\$6,500	\$6,500	

ESTIMATED PROJECT COST: \$450,000 ACCUMULATED COST OF DESIGN: \$456,500 B/C RATIO: 2.094

100-YEAR DESIGN										
Flood	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	Projected	Accumulated	
Frequency	Damages	Damages								
1-year	0	0	0	0	0	0	0	\$0	\$0	
2-year	0	0	0	0	0	0	0	\$0	\$0	
5-year	0	0	0	0	0	0	0	\$0	\$0	
10-year	0	0	0	0	0	0	0	\$0	\$0	
25-year	0	0	0	0	0	0	0	\$0	\$0	
50-year	0	0	0	0	0	0	0	\$0	\$0	
100-year	0	0	0	0	0	0	0	\$0	\$0	

ESTIMATED PROJECT COST. \$600,000 ACCUMULATED COST OF DESIGN: \$600,000 B/C RATIO: 1,593