

Consider/Discuss Potential Enhancements to City Parks

A Summary Report on Staff's Findings



Topics of Discussion

- *Drinking Fountains*
- *Pavilions*
- *Misc. Enhancements*



Drinking Fountains

- *Existing – 22 Total Fixtures*

Existing Sites	General Location
1. Aviator	Pavilion/Play Structure
2. Allen	Pavilion/Play Structure
3. Ash Woods	Pavilion/Play Structure
4. Bonnie Wenk	Restrooms (& Dog Park Water Features)
5. Disk Golf	On Trail
6. Craig Ranch Soccer	Concessions
7. Falcon Creek	Play Structure
8. Finch (x 2)	Pavilion/Play Structure & Restrooms
9. Finney	Pavilion/Play Structure
10. Gabe Nesbitt (x 2)	Concessions (x 2)
11. McKissick	Pavilion
12. Mouzon Ballfields	Concessions
13. Ruschhaupt (x 2)	Concessions (x 2)
14. Serenity	On Trail
15. Towne Lake (x 2)	Concessions & On Trail
16. Valley Creek	Pavilion/Play Structure
17. Whisenant	Near Splash Pad
18. Winniford	Pavilion/Play Structure

Drinking Fountains

- Potential – 19 Locations*

Potential Locations	
1.	A. Hardy Eubanks
2.	Carey Cox
3.	Cottonwood
4.	E. A. Randles
5.	Fitzhugh
6.	Hilltop
7.	Horizon
8.	Inspiration
9.	Ledbetter
10.	Mack Hill
11.	Mary Will Craig
12.	Murphy
13.	North Park
14.	Old Settlers
15.	Rowlett
16.	Tom Allen
17.	Trinity Heights (future)
18.	Wattlev
19.	W. B. Finney

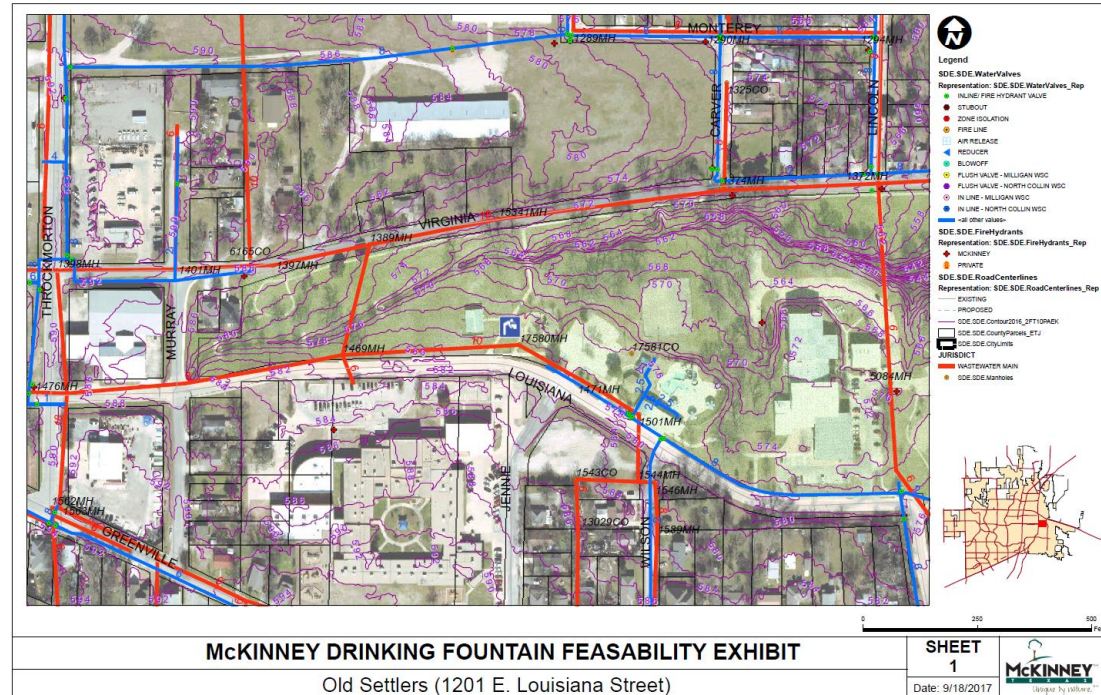


Drinking Fountains

- Infrastructure

Potential Locations

1. A. Hardy Eubanks
2. Carey Cox
3. Cottonwood
4. E. A. Randles
5. Fitzhugh
6. Hilltop
7. Horizon
8. Inspiration
9. Ledbetter
10. Mack Hill
11. Mary Will Craig
12. Murphy
13. North Park
14. Old Settlers
15. Rowlett
16. Tom Allen
17. Trinity Heights (future)
18. Wattlev
19. W. B. Finney



Drinking Fountains

- Preliminary Opinion of Probable Cost*

Potential Locations	Infrastructure	
	Standard	Upsize
1. A. Hardy Eubanks	\$45,000	\$65,000
2. Carey Cox	\$45,000	\$65,000
3. Cottonwood	\$65,000	\$85,000
4. E. A. Randles	\$15,000	\$25,000
5. Fitzhugh	\$10,000	\$15,000
6. Hilltop	\$75,000	\$95,000
7. Horizon	\$10,000	\$115,000
8. Inspiration	\$65,000	\$80,000
9. Ledbetter	\$50,000	\$70,000
10. Mack Hill	\$25,000	\$30,000
11. Mary Will Craig	\$150,000	\$165,000
12. Murphy	\$45,000	\$60,000
13. North Park	\$30,000	\$45,000
14. Old Settlers	\$10,000	\$25,000
15. Rowlett	\$40,000	\$50,000
16. Tom Allen	\$80,000	\$90,000
17. Trinity Heights (future)	\$15,000	\$25,000
18. Wattlev	\$10,000	\$25,000
19. W. B. Finney	\$90,000	\$130,000
	\$875,000.00	\$1,260,000.00

Base Estimate - Water Fountain Facility (Water and Sanitary Sewer Utilities)				
Item No.	Description	Unit	Quantity	Amount/Unit Total Cost
1	Mobilization (1%)	LS	1	\$56 \$56
2	Bonds and Insurance (3%)	LS	1	\$167 \$167
3	1 inch Water Service Line	LF	130	\$10 \$1,300
4	8" Water Line	LF	0	\$125 \$0
5	Fire Hydrant Assembly	EA	0	\$4000 \$0
6	4" Sanitary Sewer Line	LF	30	\$75 \$2,250
7	8" Sanitary Sewer Line	LF	0	\$115 \$0
8	4 ft. Diameter Sanitary Sewer Manhole	EA	0	\$6000 \$0
9	Remove and Replace Pavement	SY	20	\$100 \$2,000
	30% Contingency	LS	1	\$ 1,732 \$1,732
	10% NTE for Construction Contract	LS	1	\$ 750 \$750
CONSTRUCTION TOTAL				\$8,254
	Easements (15' Wide)	SF	0	\$12.00 \$0
	Temp. Const. Easements (20' Wide)	SF	0	\$3.60 \$0
EASEMENTS TOTAL				\$0
	Design @ 15%	LS	1	\$1,126 \$1,126
TOTAL ESTIMATE				\$9,380
USE				\$10,000



Drinking Fountains

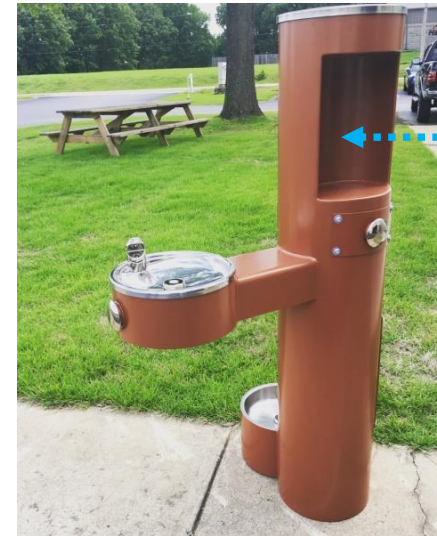
- *Fountain Type*



Basic



Basic w/Pet



Bottle Filler



Drinking Fountains

- Fountain Type*

Potential Locations	Infrastructure		Fountain Type		
	Standard	Upsize	Basic	Basic w/Pet	Bottle Filler
1. A. Hardy Eubanks	\$45,000	\$65,000	\$2,500	\$3,500	\$7,000
2. Carey Cox	\$45,000	\$65,000	\$2,500	\$3,500	\$7,000
3. Cottonwood	\$65,000	\$85,000	\$2,500	\$3,500	\$7,000
4. E. A. Randles	\$15,000	\$25,000	\$2,500	\$3,500	\$7,000
5. Fitzhugh	\$10,000	\$15,000	\$2,500	\$3,500	\$7,000
6. Hilltop	\$75,000	\$95,000	\$2,500	\$3,500	\$7,000
7. Horizon	\$10,000	\$115,000	\$2,500	\$3,500	\$7,000
8. Inspiration	\$65,000	\$80,000	\$2,500	\$3,500	\$7,000
9. Ledbetter	\$50,000	\$70,000	\$2,500	\$3,500	\$7,000
10. Mack Hill	\$25,000	\$30,000	\$2,500	\$3,500	\$7,000
11. Mary Will Craig	\$150,000	\$165,000	\$2,500	\$3,500	\$7,000
12. Murphy	\$45,000	\$60,000	\$2,500	\$3,500	\$7,000
13. North Park	\$30,000	\$45,000	\$2,500	\$3,500	\$7,000
14. Old Settlers	\$10,000	\$25,000	\$2,500	\$3,500	\$7,000
15. Rowlett	\$40,000	\$50,000	\$2,500	\$3,500	\$7,000
16. Tom Allen	\$80,000	\$90,000	\$2,500	\$3,500	\$7,000
17. Trinity Heights (future)	\$15,000	\$25,000	\$2,500	\$3,500	\$7,000
18. Wattlev	\$10,000	\$25,000	\$2,500	\$3,500	\$7,000
19. W. B. Finney	\$90,000	\$130,000	\$2,500	\$3,500	\$7,000
	\$875,000.00	\$1,260,000.00	\$47,500.00	\$66,500.00	\$133,000.00



Drinking Fountains

- Cost Range

Potential Locations	Infrastructure		Fountain Type			Range	
	Standard	Upsize	Basic	Basic w/Pet	Bottle Filler	Low	Hi
1. A. Hardy Eubanks	\$45,000	\$65,000	\$2,500	\$3,500	\$7,000	\$47,500	\$72,000
2. Carey Cox	\$45,000	\$65,000	\$2,500	\$3,500	\$7,000	\$47,500	\$52,000
3. Cottonwood	\$65,000	\$85,000	\$2,500	\$3,500	\$7,000	\$67,500	\$92,000
4. E. A. Randles	\$15,000	\$25,000	\$2,500	\$3,500	\$7,000	\$17,500	\$32,000
5. Fitzhugh	\$10,000	\$15,000	\$2,500	\$3,500	\$7,000	\$12,500	\$22,000
6. Hilltop	\$75,000	\$95,000	\$2,500	\$3,500	\$7,000	\$77,500	\$102,000
7. Horizon	\$10,000	\$115,000	\$2,500	\$3,500	\$7,000	\$12,500	\$122,000
8. Inspiration	\$65,000	\$80,000	\$2,500	\$3,500	\$7,000	\$67,500	\$87,000
9. Ledbetter	\$50,000	\$70,000	\$2,500	\$3,500	\$7,000	\$52,500	\$77,000
10. Mack Hill	\$25,000	\$30,000	\$2,500	\$3,500	\$7,000	\$27,500	\$37,000
11. Mary Will Craig	\$150,000	\$165,000	\$2,500	\$3,500	\$7,000	\$152,500	\$172,000
12. Murphy	\$45,000	\$60,000	\$2,500	\$3,500	\$7,000	\$47,500	\$67,000
13. North Park	\$30,000	\$45,000	\$2,500	\$3,500	\$7,000	\$32,500	\$52,000
14. Old Settlers	\$10,000	\$25,000	\$2,500	\$3,500	\$7,000	\$12,500	\$32,000
15. Rowlett	\$40,000	\$50,000	\$2,500	\$3,500	\$7,000	\$42,500	\$57,000
16. Tom Allen	\$80,000	\$90,000	\$2,500	\$3,500	\$7,000	\$82,500	\$97,000
17. Trinity Heights (future)	\$15,000	\$25,000	\$2,500	\$3,500	\$7,000	\$17,500	\$32,000
18. Wattlev	\$10,000	\$25,000	\$2,500	\$3,500	\$7,000	\$12,500	\$32,000
19. W. B. Finney	\$90,000	\$130,000	\$2,500	\$3,500	\$7,000	\$92,500	\$137,000
	\$875,000.00	\$1,260,000.00	\$47,500.00	\$66,500.00	\$133,000.00	\$922,500	\$1,373,000

Drinking Fountains

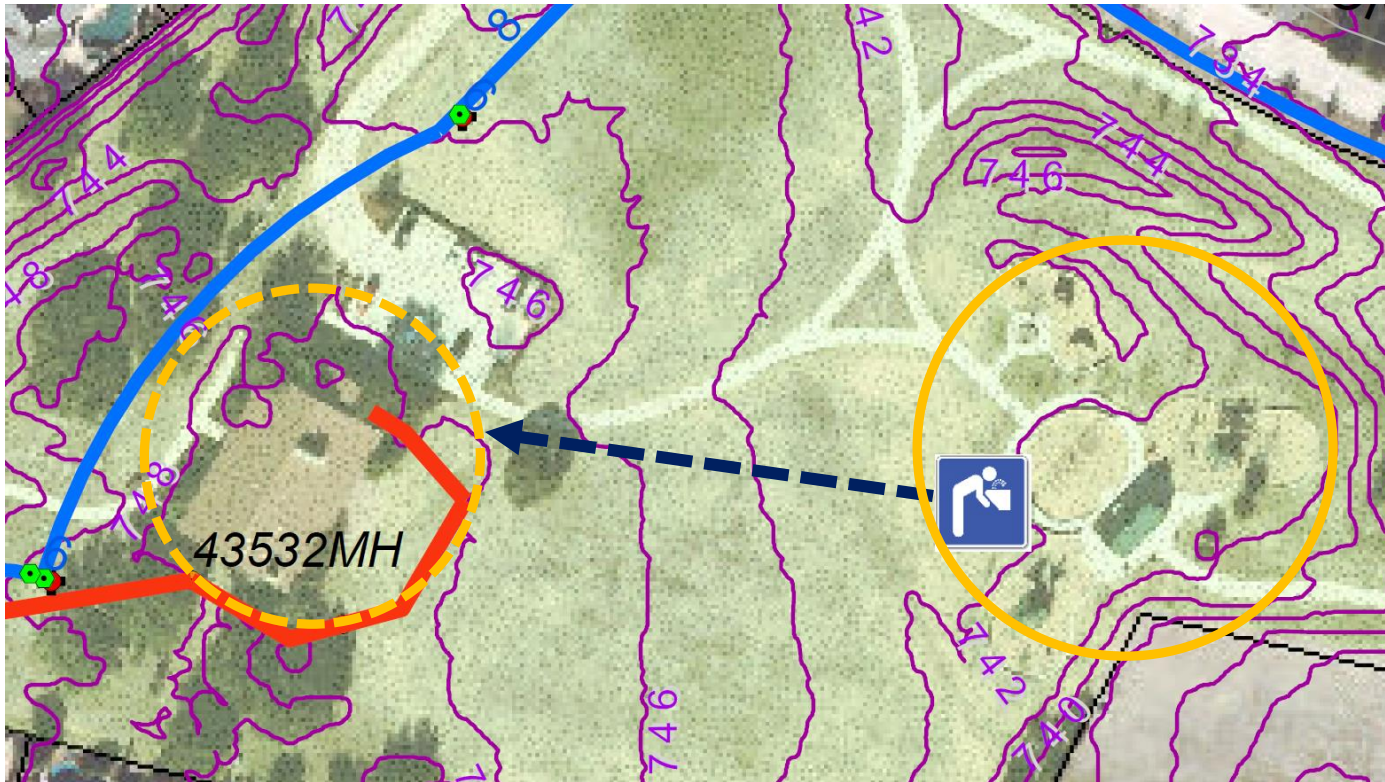
- Cost Reduction Options

Potential Locations	Infrastructure	
	Standard	Upsize
1. A. Hardy Eubanks	\$45,000	\$65,000
2. Carey Cox	\$45,000	\$65,000
3. Cottonwood	\$65,000	\$85,000
4. E. A. Randles	\$15,000	\$25,000
5. Fitzhugh	\$10,000	\$15,000
6. Hilltop	\$75,000	\$95,000
7. Horizon	\$10,000	\$115,000
8. Inspiration	\$65,000	\$80,000
9. Ledbetter	\$50,000	\$70,000
10. Mack Hill	\$25,000	\$30,000
11. Mary Will Craig	\$150,000	\$165,000
12. Murphy	\$45,000	\$60,000
13. North Park	\$30,000	\$45,000
14. Old Settlers	\$10,000	\$25,000
15. Rowlett	\$40,000	\$50,000
16. Tom Allen	\$80,000	\$90,000
17. Trinity Heights (future)	\$15,000	\$25,000
18. Wattlev	\$10,000	\$25,000
19. W. B. Finney	\$90,000	\$130,000
	\$875,000.00	\$1,260,000.00



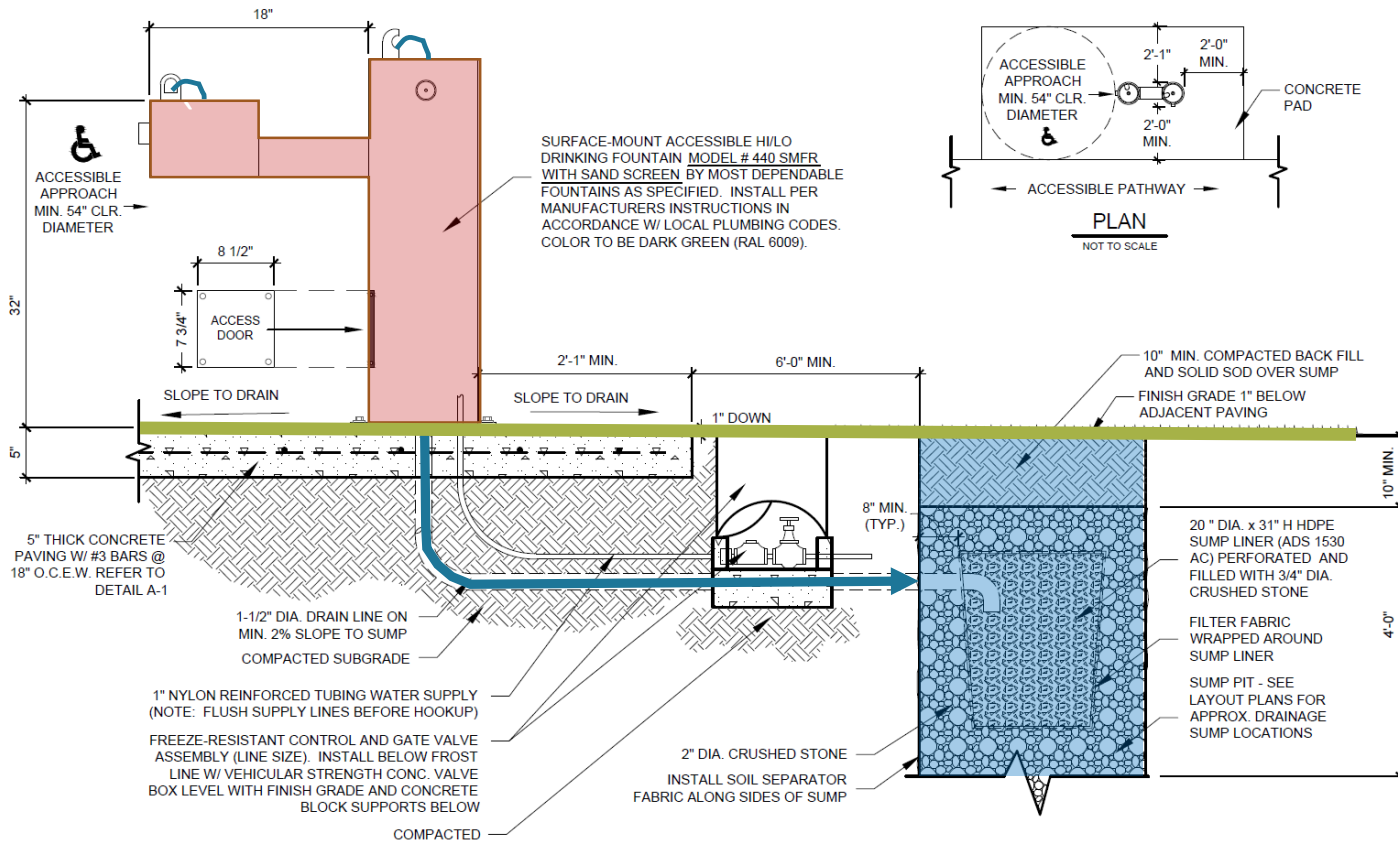
Drinking Fountains

- *Cost Reduction Options – Relocate Proposed Fountains*



Drinking Fountains

- Cost Reduction Options – Reduce Sanitary Connections*



Drinking Fountains

- Cost Reduction Options – Reduce Sanitary Connections*

Potential Locations	Infrastructure	
	Standard	Upsize
1. A. Hardy Eubanks	\$45,000	\$65,000
2. Carey Cox	\$45,000	\$65,000
3. Cottonwood	\$65,000	\$85,000
4. E. A. Randles	\$15,000	\$25,000
5. Fitzhugh	\$10,000	\$15,000
6. Hilltop	\$75,000	\$95,000
7. Horizon	\$10,000	\$115,000
8. Inspiration	\$65,000	\$80,000
9. Ledbetter	\$50,000	\$70,000
10. Mack Hill	\$25,000	\$30,000
11. Mary Will Craig	\$150,000	\$165,000
12. Murphy	\$45,000	\$60,000
13. North Park	\$30,000	\$45,000
14. Old Settlers	\$10,000	\$25,000
15. Rowlett	\$40,000	\$50,000
16. Tom Allen	\$80,000	\$90,000
17. Trinity Heights (future)	\$15,000	\$25,000
18. Wattlev	\$10,000	\$25,000
19. W. B. Finney	\$90,000	\$130,000
	\$875,000.00	\$1,260,000.00

Proposed Locations	Infrastructure	
	Standard	Upsize
1. A. Hardy Eubanks	\$25,000	\$65,000
2. Carey Cox	\$24,000	\$65,000
3. Cottonwood	\$30,000	\$85,000
4. E. A. Randles	\$12,000	\$25,000
5. Fitzhugh	\$8,500	\$15,000
6. Hilltop	\$36,000	\$95,000
7. Horizon	\$9,000	\$115,000
8. Inspiration	\$35,000	\$80,000
9. Ledbetter	\$30,000	\$70,000
10. Mack Hill	\$15,000	\$30,000
11. Mary Will Craig	\$120,000	\$165,000
12. Murphy	\$35,000	\$60,000
13. North Park	\$20,000	\$45,000
14. Old Settlers	\$10,000	\$25,000
15. Rowlett	\$40,000	\$50,000
16. Tom Allen	\$70,000	\$90,000
17. Trinity Heights (future)	\$15,000	\$25,000
18. Wattlev	\$10,000	\$25,000
19. W. B. Finney	\$48,000	\$130,000
	\$592,500.00	\$1,260,000.00

Drinking Fountains

- *Cost Reduction Options – Build Units In-house*



Drinking Fountains

- Implementation Option A – Complete All*

Potential Locations	Infrastructure		Fountain Type			Range	
	Standard	Upsize	Basic	Basic w/Pet	Bottle Filler	Low	Hi
1. A. Hardy Eubanks	\$45,000	\$65,000	\$2,500	\$3,500	\$7,000	\$47,500	\$72,000
2. Carey Cox	\$45,000	\$65,000	\$2,500	\$3,500	\$7,000	\$47,500	\$52,000
3. Cottonwood	\$65,000	\$85,000	\$2,500	\$3,500	\$7,000	\$67,500	\$92,000
4. E. A. Randles	\$15,000	\$25,000	\$2,500	\$3,500	\$7,000	\$17,500	\$32,000
5. Fitzhugh	\$10,000	\$15,000	\$2,500	\$3,500	\$7,000	\$12,500	\$22,000
6. Hilltop	\$75,000	\$95,000	\$2,500	\$3,500	\$7,000	\$77,500	\$102,000
7. Horizon	\$10,000	\$115,000	\$2,500	\$3,500	\$7,000	\$12,500	\$122,000
8. Inspiration	\$65,000	\$80,000	\$2,500	\$3,500	\$7,000	\$67,500	\$87,000
9. Ledbetter	\$50,000	\$70,000	\$2,500	\$3,500	\$7,000	\$52,500	\$77,000
10. Mack Hill	\$25,000	\$30,000	\$2,500	\$3,500	\$7,000	\$27,500	\$37,000
11. Mary Will Craig	\$150,000	\$165,000	\$2,500	\$3,500	\$7,000	\$152,500	\$172,000
12. Murphy	\$45,000	\$60,000	\$2,500	\$3,500	\$7,000	\$47,500	\$67,000
13. North Park	\$30,000	\$45,000	\$2,500	\$3,500	\$7,000	\$32,500	\$52,000
14. Old Settlers	\$10,000	\$25,000	\$2,500	\$3,500	\$7,000	\$12,500	\$32,000
15. Rowlett	\$40,000	\$50,000	\$2,500	\$3,500	\$7,000	\$42,500	\$57,000
16. Tom Allen	\$80,000	\$90,000	\$2,500	\$3,500	\$7,000	\$82,500	\$97,000
17. Trinity Heights (future)	\$15,000	\$25,000	\$2,500	\$3,500	\$7,000	\$17,500	\$32,000
18. Wattlev	\$10,000	\$25,000	\$2,500	\$3,500	\$7,000	\$12,500	\$32,000
19. W. B. Finney	\$90,000	\$130,000	\$2,500	\$3,500	\$7,000	\$92,500	\$137,000
	\$875,000.00	\$1,260,000.00	\$47,500.00	\$66,500.00	\$133,000.00	\$922,500	\$1,373,000

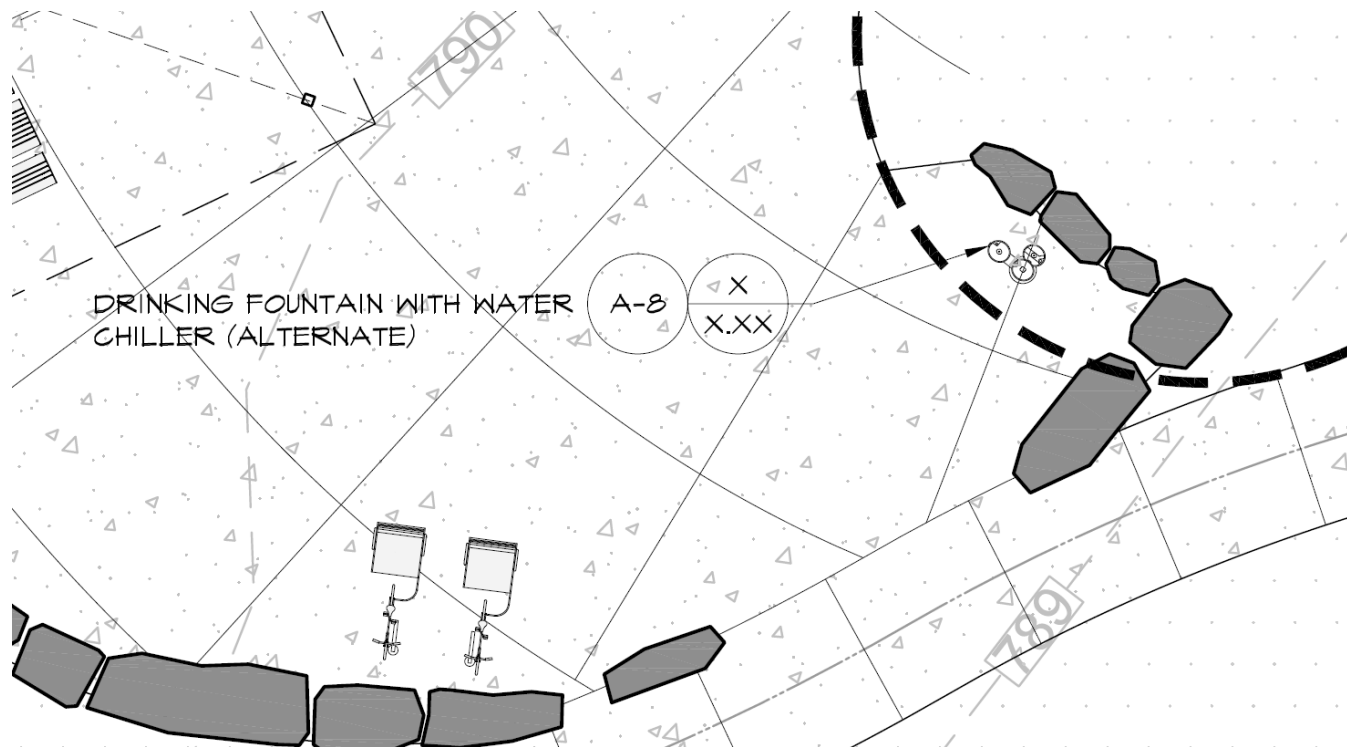
Drinking Fountains

- Implementation Option B – Phases

Potential Locations	Infrastructure		Fountain Type			Range	
	Standard	Upsize	Basic	Basic w/Pet	Bottle Filler	Low	Hi
1. A. Hardy Eubanks	\$45,000	\$65,000	\$2,500	\$3,500	\$7,000	\$47,500	\$72,000
2. Carey Cox	\$45,000	\$65,000	\$2,500	\$3,500	\$7,000	\$47,500	\$52,000
3. Cottonwood	\$65,000	\$85,000	\$2,500	\$3,500	\$7,000	\$67,500	\$92,000
4. E. A. Randles	\$15,000	\$25,000	\$2,500	\$3,500	\$7,000	\$17,500	\$32,000
5. Fitzhugh	\$10,000	\$15,000	\$2,500	\$3,500	\$7,000	\$12,500	\$22,000
6. Hilltop	\$75,000	\$95,000	\$2,500	\$3,500	\$7,000	\$77,500	\$102,000
7. Horizon	\$10,000	\$115,000	\$2,500	\$3,500	\$7,000	\$12,500	\$122,000
8. Inspiration	\$65,000	\$80,000	\$2,500	\$3,500	\$7,000	\$67,500	\$87,000
9. Ledbetter	\$50,000	\$70,000	\$2,500	\$3,500	\$7,000	\$52,500	\$77,000
10. Mack Hill	\$25,000	\$30,000	\$2,500	\$3,500	\$7,000	\$27,500	\$37,000
11. Mary Will Craig	\$150,000	\$165,000	\$2,500	\$3,500	\$7,000	\$152,500	\$172,000
12. Murphy	\$45,000	\$60,000	\$2,500	\$3,500	\$7,000	\$47,500	\$67,000
13. North Park	\$30,000	\$45,000	\$2,500	\$3,500	\$7,000	\$32,500	\$52,000
14. Old Settlers	\$10,000	\$25,000	\$2,500	\$3,500	\$7,000	\$12,500	\$32,000
15. Rowlett	\$40,000	\$50,000	\$2,500	\$3,500	\$7,000	\$42,500	\$57,000
16. Tom Allen	\$80,000	\$90,000	\$2,500	\$3,500	\$7,000	\$82,500	\$97,000
17. Trinity Heights (future)	\$15,000	\$25,000	\$2,500	\$3,500	\$7,000	\$17,500	\$32,000
18. Wattlev	\$10,000	\$25,000	\$2,500	\$3,500	\$7,000	\$12,500	\$32,000
19. W. B. Finney	\$90,000	\$130,000	\$2,500	\$3,500	\$7,000	\$92,500	\$137,000
	\$875,000.00	\$1,260,000.00	\$47,500.00	\$66,500.00	\$133,000.00	\$922,500	\$1,373,000

Drinking Fountains

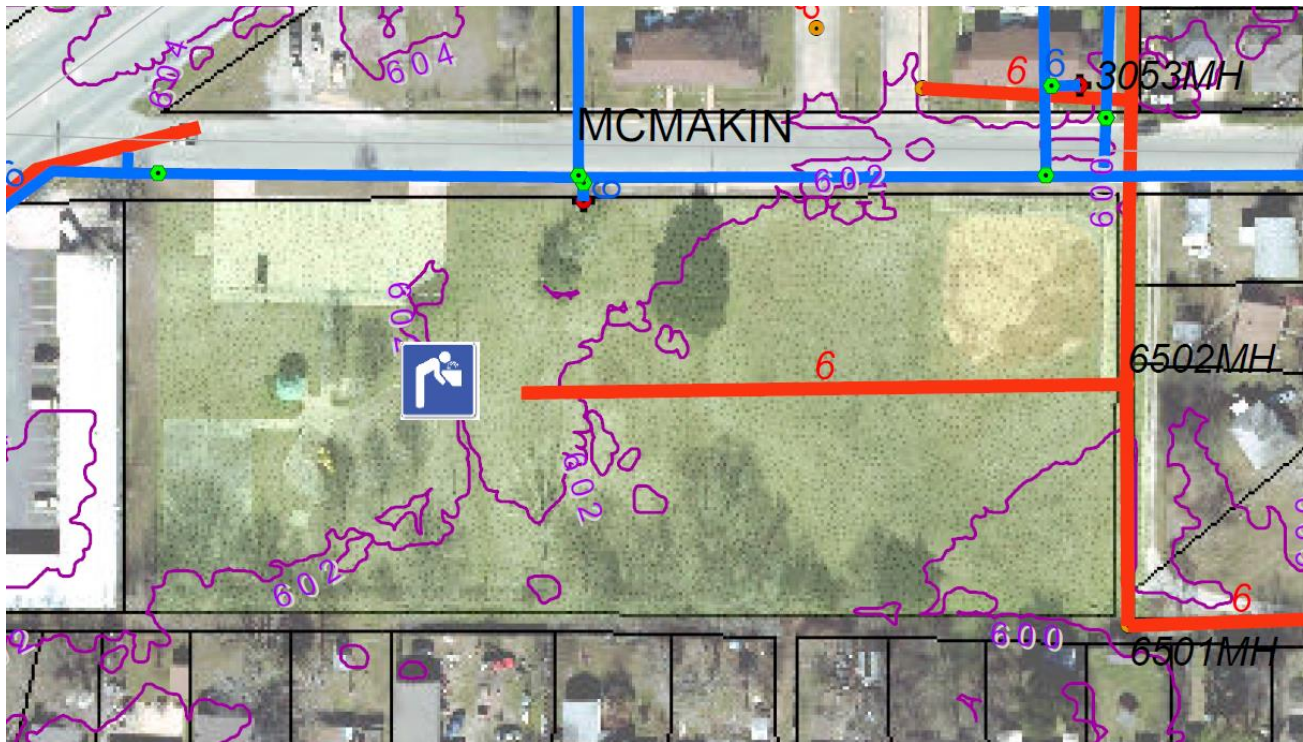
- *Implementation Option C – As Part of New/Renovated Parks*



George Webb Park – Design Development Phase

Drinking Fountains

- *Implementation Option C – As Part of New/Renovated Parks*



Cottonwood Park – Complete Renovation Scheduled 2018/2019

Topics of Discussion

- *Drinking Fountains*
- *Pavilions*
- *Misc. Enhancements*



Pavilions

- *Types*



Towne Lake



Finch Park



Old Settlers



Whisenant Park

Pavilions

- Existing Inventory

Location	Pavilion	Electric	Reservations	Resv. Count (Year to Date)
1. Aviator	1	1		
2. Allen	1			
3. Ash Woods	1	1		
4. Bonnie Wenk				
5. Central	1			
6. Cottonwood	1			
7. Carey Cox	1	1		
8. Craig, Mary Will	1			
9. Craig Ranch Soccer	4	4		
10. Erwin	3	1	3	116
11. Eubanks	1			
12. Falcon Creek	1			
13. Finch	2	2	2	108
14. Finney	1	1		
15. Fitzhugh				
16. Gabe Nesbitt				
17. Grady Littlejohn	2			
18. Hill Top	1			
19. Horizon	1			
20. Inspiration	1	1		
21. Ledbetter	1	1		
22. McKissick	1			
23. Mitchell				
24. Murphy	1			
25. North Park				
26. Old Settlers Park	1		1	12
27. Old Settlers Rec	1	1	1	23
28. Randles	1			
29. Rowlett	1			
30. Ruschhaupt	1	1		
31. Serenity	1			
32. Sonntag	1			
33. Taylor				
34. Towne Lake	2	2	2	105
35. Valley Creek	1			
36. Wattley	1			
37. Whisenant	1			
38. Winniford	1			
	40	17	9	364

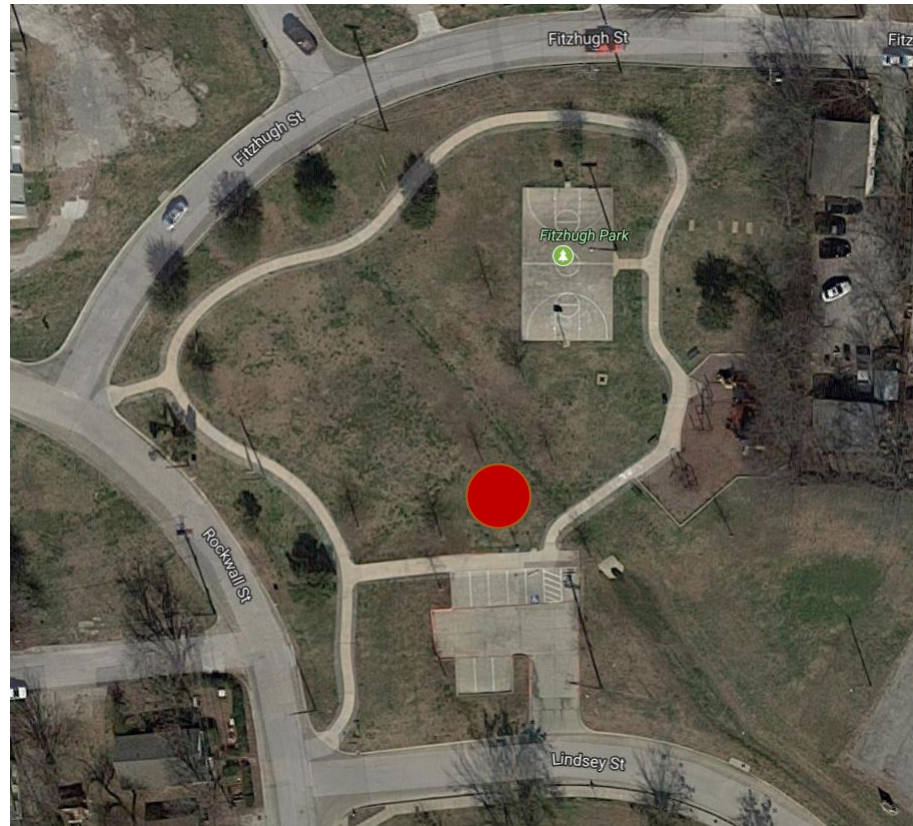
Pavilions

- *Add Pavilions?*

Location	Further Review	Reason	Cost
1. Bonnie Wenk	No	Master Planned	-
2. Fitzhugh	Yes	Neighborhood Park	\$100,000 - \$200,000
3. Gabe Nesbitt	No	Sports Complex	-
4. Mitchell	No	Size/Special Events	-
5. North Park	No	Future Renovation	-
6. Taylor	No	Size/0.5 Acres	-
			\$100,000 - \$200,000

Pavilions

- *Add Pavilions?*



Fitzhugh

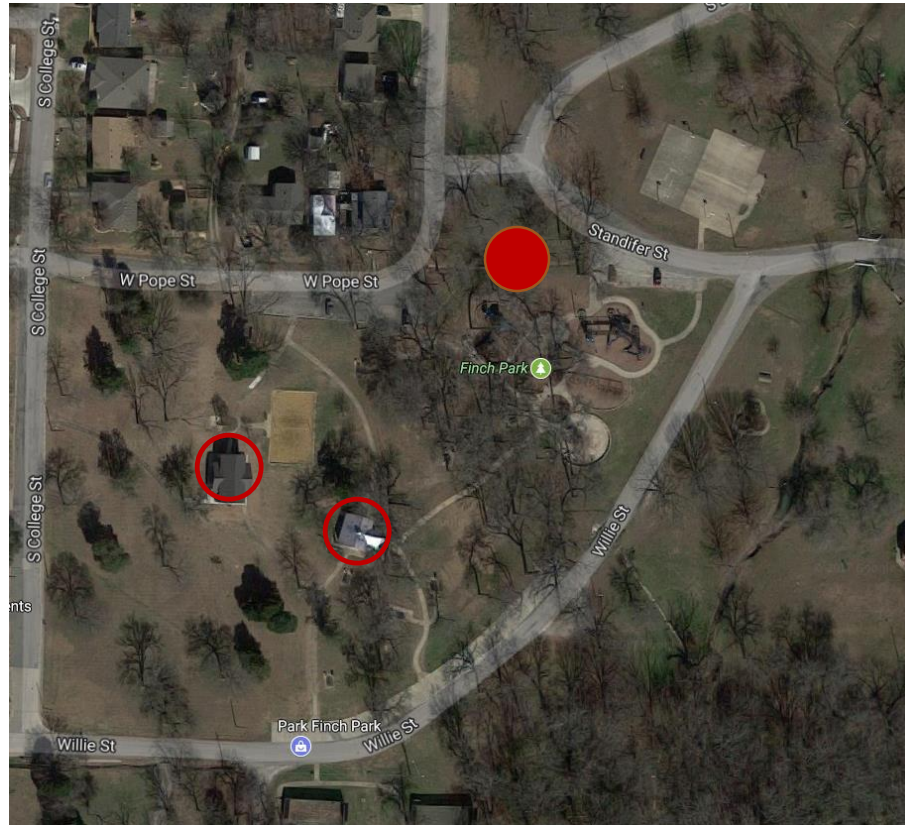
Pavilions

- *Add Pavilions?*

Location	Pavilion	Electric	Reservations	Resv. Count (Year to Date)
1. Erwin	3	1	3	116
2. Finch	2	2	2	108
3. Old Settlers Park	1		1	12
4. Old Settlers Rec	1	1	1	23
5. Towne Lake	2	2	2	105
	9	6	9	364

Pavilions

- *Add Pavilions?*



Finch

Pavilions

- *Add Pavilions?*

Location	Further Review	Reason	Cost
1. Fitzhugh	Yes	Neighborhood Park	\$100,000 - \$200,000
2. Finch	Yes	Popularity	\$100,000 - \$200,000
			\$200,000 - \$400,000

Pavilions

- *Add Electric?*

Location	Pavilion	Electric	Reservations	Resv. Count (Year to Date)
1. Allen	1			
2. Central	1			
3. Cottonwood	1			
4. Craig, Mary Will	1			
5. Eubanks	1			
6. Falcon Creek	1			
7. Grady Littlejohn	2			
8. Hill Top	1			
9. Horizon	1			
10. McKissick	1			
11. Murphy	1			
12. Old Settlers Park	1		1	12
13. Randles	1			
14. Rowlett	1			
15. Serenity	1			
16. Sonntag	1			
17. Valley Creek	1			
18. Whisenant	1			
19. Winniford	1			
	20	0	1	12

Pavilions

- *Add Pavilions?*



Old Settlers

Pavilions

- *Estimated Costs*

Pavilions

Location	Further Review	Reason	Cost
1. Fitzhugh	Yes	Neighborhood Park	\$100,000 - \$200,000
2. Finch	Yes	Popularity	\$100,000 - \$200,000
			\$200,000 - \$400,000

Electric

Location	Cost
1. Old Settlers	+/- \$10,000
	+/- \$10,000

Topics of Discussion

- *Drinking Fountains*
- *Pavilions*
- *Misc. Enhancements*



Miscellaneous

- Picnic Tables - Inventory*

Location	Existing	Proposed
1. Aviator	4	
2. Allen	6	
3. Ash Woods	2	
4. Bonnie Wenk	0	
5. Central	1	
6. Cottonwood	2	
7. Carey Cox	3	
8. Craig, Mary Will	1	1
9. Craig Ranch Soccer	10	
10. Erwin	33	
11. Eubanks	12	
12. Falcon Creek	1	1
13. Finch	32	
14. Finney	6	
15. Fitzhugh	1	1
16. Gabe Nesbitt	9	
17. Hill Top	1	1
18. Horizon	8	
19. Inspiration	1	1
20. Ledbetter	1	1
21. McKissick	2	
22. Mitchell	0	
23. Murphy	2	
24. North Park	0	1
25. Old Settlers Park	5	
26. Randles	1	1
27. Rowlett	3	
28. Ruschhaupt	16	
29. Serenity	6	
30. Sonntag	2	
31. Taylor	1	1
32. Towne Lake	14	
33. Valley Creek	3	
34. Wattley	3	
35. Whisenant	3	
36. Winniford	3	
	198	9

Miscellaneous

- *Picnic Tables - Cottonwood*



Miscellaneous

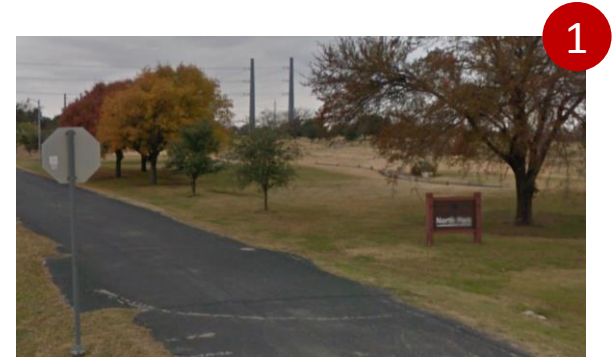
- *Wattley Park*



1. Trail
2. Expanded Parking Lot
3. Formalize Ballfield/Lighting

Miscellaneous

- *Signage – North Park*



Topics of Discussion

- *Drinking Fountains*
- *Pavilions*
- *Misc. Enhancements*

