

Legend

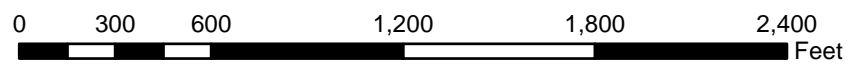
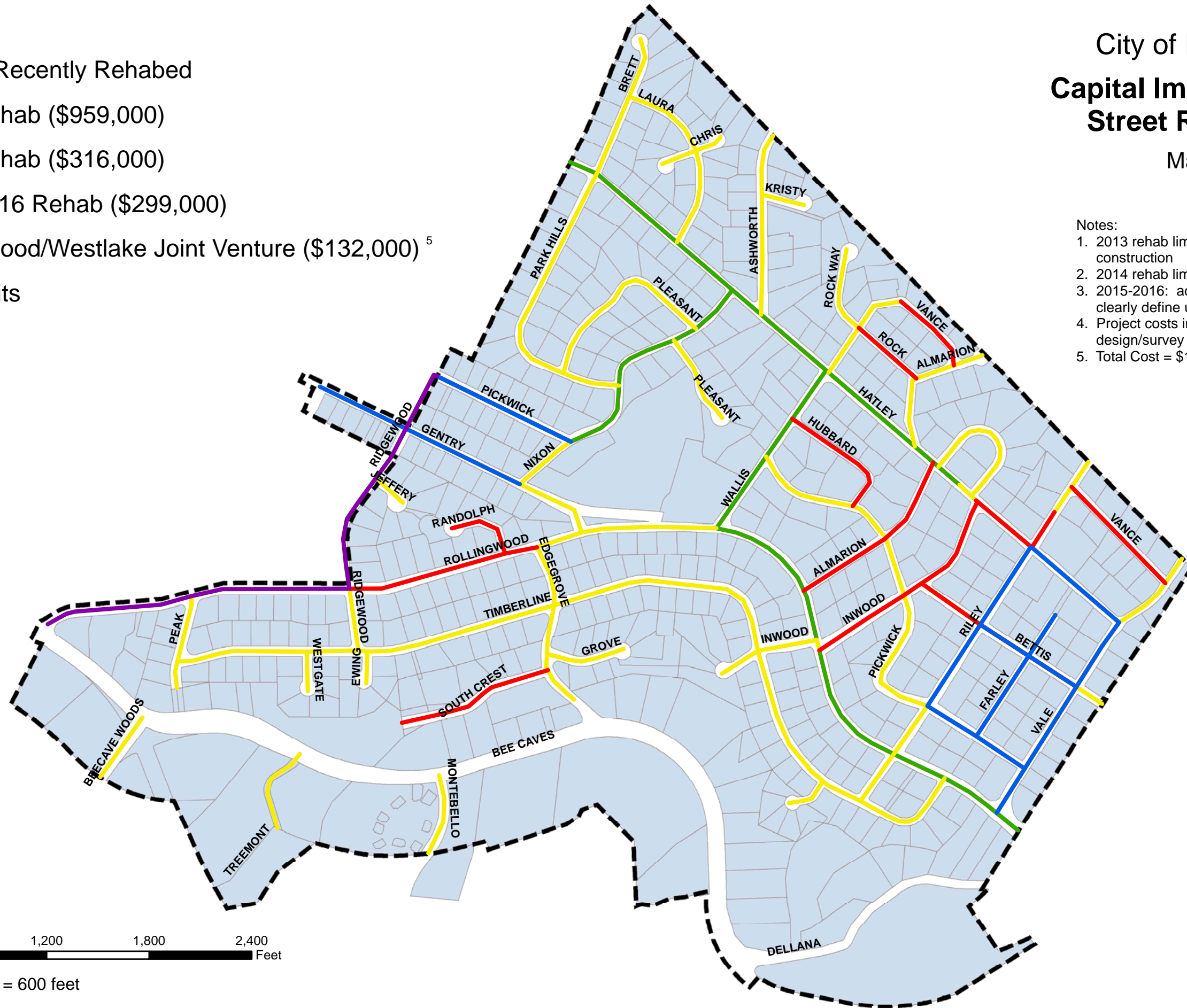
- Streets Recently Rehabed
- 2013 Rehab (\$959,000)
- 2014 Rehab (\$316,000)
- 2015-2016 Rehab (\$299,000)
- Rollingwood/Westlake Joint Venture (\$132,000)⁵
- City Limits

City of Rollingwood Capital Improvement Plan Street Rehabilitation

May 2013

Notes:

1. 2013 rehab limits include water lines currently under construction
2. 2014 rehab limits include water lines currently under design
3. 2015-2016: additional modeling and design required to clearly define utility improvements needs
4. Project costs include 10% contingency and a 12% design/survey fee
5. Total Cost = \$132,000; \$66,000 per City



1 inch = 600 feet



engineers | architects | contractors

City of Rollingwood - Capital Improvement Plan (Street Rehabilitation)

| Map Legend | Project | Construction Cost | Design | Bid | Construction Management | Inspection | Total Project Cost |
|-------------------|------------------------------------|--------------------------|-------------------|-----------------|--------------------------------|-------------------|----------------------------|
| | 2014 | \$ 890,284 | \$ 74,784 | \$ 2,137 | \$ 29,914 | TBD | \$ 997,118 |
| | 2015 A | \$ 293,169 | \$ 24,626 | \$ 704 | \$ 9,850 | TBD | \$ 328,349 |
| | 2015 B | \$ 277,284 | \$ 23,292 | \$ 665 | \$ 9,317 | TBD | \$ 310,558 |
| | Rollingwood/Westlake Joint Venture | \$ 122,298 | \$ 10,273 | \$ 294 | \$ 4,109 | TBD | \$ 136,974 |
| | Total | \$ 1,583,035 | \$ 132,975 | \$ 3,799 | \$ 53,190 | TBD | <u>\$ 1,772,999</u> |

2014

| 2014 | Limits | To | Tack Coat (GAL) | | 2" Edge Mill (SY) | | HMAC Surface Repair (Remove and Replace up to 10") (SY) | | Minor Manhole Adjustment | | Dense Graded Asphalt (1.5") | | Mobilization 3% | Sub-Total | Contingency 10% | Total Construction Estimate |
|------------------|-------------|--------------|-----------------|-------------|-------------------|--------------|---------------------------------------------------------------|------------|-----------------------------|-------------|--------------------------------|--------------|--------------------|--------------|--------------------|-----------------------------------|
| | | | Unit Cost | \$2.00 | Unit Cost | \$3.25 | Unit Cost | \$175.00 | Unit Cost | \$250.00 | Unit Cost | \$7.00 | | | | |
| Street | From | | Qty | Total | Qty | Total | Qty | Total | Qty | Total | Qty | Total | | | | |
| Almarion Way | Hatley | Cul-de-Sac | 161.20 | \$322.40 | 1075 | \$3,492.67 | 0 | \$0.00 | 4 | \$1,000.00 | 2687 | \$18,806.67 | \$708.65 | \$24,330.39 | \$2,433.04 | \$26,763.42 |
| Ashworth | City Limits | Hatley | 213.00 | \$426.00 | 1420 | \$4,615.00 | 2 | \$350.00 | 7 | \$1,750.00 | 3550 | \$24,850.00 | \$959.73 | \$32,950.73 | \$3,295.07 | \$36,245.80 |
| Brett Cv | Cul-de-Sac | Laura Ln | 90.66 | \$181.31 | 496 | \$1,612.00 | 0 | \$0.00 | 2 | \$500.00 | 1511 | \$10,576.50 | \$386.09 | \$13,255.91 | \$1,325.59 | \$14,581.50 |
| Chris Cv | Laura Ln | Cul-de-Sac | 47.88 | \$95.76 | 207 | \$671.67 | 0 | \$0.00 | 1 | \$250.00 | 798 | \$5,585.74 | \$198.09 | \$6,801.26 | \$680.13 | \$7,481.39 |
| Edgegrove | Rollingwood | Bee Caves | 226.00 | \$452.00 | 1507 | \$4,896.67 | 0 | \$0.00 | 4 | \$1,000.00 | 3767 | \$26,366.67 | \$981.46 | \$33,696.79 | \$3,369.68 | \$37,066.47 |
| Ewing Circle | Timberline | Cul-de-Sac | 37.51 | \$75.02 | 133 | \$433.33 | 0 | \$0.00 | 1 | \$250.00 | 625 | \$4,376.20 | \$154.04 | \$5,288.59 | \$528.86 | \$5,817.45 |
| Gentry | Nixon Dr | Rollingwood | 94.93 | \$189.87 | 593 | \$1,928.33 | 0 | \$0.00 | 1 | \$250.00 | 1582 | \$11,075.56 | \$403.31 | \$13,847.07 | \$1,384.71 | \$15,231.78 |
| Grove Ct | Edgegrove | Cul-de-Sac | 98.51 | \$197.02 | 540 | \$1,755.00 | 0 | \$0.00 | 1 | \$250.00 | 1642 | \$11,492.87 | \$410.85 | \$14,105.74 | \$1,410.57 | \$15,516.31 |
| Inwood Circle | Hatley | Hatley | 166.00 | \$332.00 | 1107 | \$3,596.67 | 0 | \$0.00 | 1 | \$250.00 | 2767 | \$19,366.67 | \$706.36 | \$24,251.69 | \$2,425.17 | \$26,676.86 |
| Inwood Rd | Rollingwood | Timberline | 60.00 | \$120.00 | 400 | \$1,300.00 | 0 | \$0.00 | 0 | \$0.00 | 1000 | \$7,000.00 | \$252.60 | \$8,672.60 | \$867.26 | \$9,539.86 |
| Jeffery Cv | Cul-de-Sac | Ridgewood | 65.69 | \$131.39 | 200 | \$650.00 | 0 | \$0.00 | 1 | \$250.00 | 1095 | \$7,664.21 | \$260.87 | \$8,956.46 | \$895.65 | \$9,852.11 |
| Kristy Dr | Ashworth | Cul-de-Sac | 51.45 | \$102.90 | 247 | \$801.67 | 0 | \$0.00 | 1 | \$250.00 | 858 | \$6,002.78 | \$214.72 | \$7,372.08 | \$737.21 | \$8,109.28 |
| Laura LN | Brett Cv | Hatley | 214.00 | \$428.00 | 1427 | \$4,636.67 | 0 | \$0.00 | 5 | \$1,250.00 | 3567 | \$24,966.67 | \$938.44 | \$32,219.77 | \$3,221.98 | \$35,441.75 |
| Michelle Cir | Laura Ln | Cul-de-Sac | 59.88 | \$119.76 | 287 | \$931.67 | 0 | \$0.00 | 1 | \$250.00 | 998 | \$6,985.74 | \$248.61 | \$8,535.78 | \$853.58 | \$9,389.36 |
| Nixon | Gentry | Pickwick | 76.80 | \$153.60 | 480 | \$1,560.00 | 0 | \$0.00 | 1 | \$250.00 | 1280 | \$8,960.00 | \$327.71 | \$11,251.31 | \$1,125.13 | \$12,376.44 |
| Park Hills | Laura Ln | Hatley | 100.00 | \$200.00 | 667 | \$2,166.67 | 0 | \$0.00 | 9 | \$2,250.00 | 1667 | \$11,666.67 | \$488.50 | \$16,771.83 | \$1,677.18 | \$18,449.02 |
| Park Hills | Hatley | Nixon Dr | 360.53 | \$721.07 | 2253 | \$7,323.33 | 0 | \$0.00 | 5 | \$1,250.00 | 6009 | \$42,062.22 | \$1,540.70 | \$52,897.32 | \$5,289.73 | \$58,187.05 |
| Pickwick | Wallis | Riley | 420.00 | \$840.00 | 2800 | \$9,100.00 | 5 | \$875.00 | 12 | \$3,000.00 | 7000 | \$49,000.00 | \$1,884.45 | \$64,699.45 | \$6,469.95 | \$71,169.40 |
| Pleasant Cv | Nixon Dr | Cul-de-Sac | 122.76 | \$245.52 | 603 | \$1,958.67 | 0 | \$0.00 | 3 | \$750.00 | 2046 | \$14,321.99 | \$518.29 | \$17,794.46 | \$1,779.45 | \$19,573.90 |
| Pleasant Drive | Park Hills | Nixon Dr | 241.07 | \$482.13 | 1507 | \$4,896.67 | 0 | \$0.00 | 5 | \$1,250.00 | 4018 | \$28,124.44 | \$1,042.60 | \$35,795.84 | \$3,579.58 | \$39,375.43 |
| Riley Rd | City Limits | Vance | 70.00 | \$140.00 | 467 | \$1,516.67 | 0 | \$0.00 | 2 | \$500.00 | 1167 | \$8,166.67 | \$309.70 | \$10,633.03 | \$1,063.30 | \$11,696.34 |
| Riley Rd | Pickwick | Rollingwood | 70.00 | \$140.00 | 467 | \$1,516.67 | 0 | \$0.00 | 1 | \$250.00 | 1167 | \$8,166.67 | \$302.20 | \$10,375.53 | \$1,037.55 | \$11,413.09 |
| Riley Rd | Rollingwood | Timberline | 80.00 | \$160.00 | 400 | \$1,300.00 | 0 | \$0.00 | 0 | \$0.00 | 1333 | \$9,333.33 | \$323.80 | \$11,117.13 | \$1,111.71 | \$12,228.85 |
| Rock Way Cv | Cul-de-Sac | Almarion Way | 122.51 | \$245.02 | 700 | \$2,275.00 | 0 | \$0.00 | 5 | \$1,250.00 | 2042 | \$14,292.87 | \$541.89 | \$18,604.78 | \$1,860.48 | \$20,465.26 |
| Rollingwood Dr | Edgegrove | Wallis | 610.67 | \$1,221.33 | 3053 | \$9,923.33 | 0 | \$0.00 | 3 | \$750.00 | 10178 | \$71,244.44 | \$2,494.17 | \$85,633.28 | \$8,563.33 | \$94,196.61 |
| South Peak | Rollingwood | Cul-de-Sac | 132.00 | \$264.00 | 660 | \$2,145.00 | 0 | \$0.00 | 2 | \$500.00 | 2200 | \$15,400.00 | \$549.27 | \$18,858.27 | \$1,885.83 | \$20,744.10 |
| Timberline | South Peak | Ridgewood | 210.00 | \$420.00 | 1400 | \$4,550.00 | 0 | \$0.00 | 4 | \$1,000.00 | 3500 | \$24,500.00 | \$914.10 | \$31,384.10 | \$3,138.41 | \$34,522.51 |
| Timberline | Ridgewood | Edgegrove | 228.00 | \$456.00 | 1520 | \$4,940.00 | 0 | \$0.00 | 4 | \$1,000.00 | 3800 | \$26,600.00 | \$989.88 | \$33,985.88 | \$3,398.59 | \$37,384.47 |
| Timberline | Edgegrove | Inwood | 286.00 | \$572.00 | 1907 | \$6,196.67 | 0 | \$0.00 | 8 | \$2,000.00 | 4767 | \$33,366.67 | \$1,264.06 | \$43,399.39 | \$4,339.94 | \$47,739.33 |
| Timberline | Inwood | Rollingwood | 458.67 | \$917.33 | 2293 | \$7,453.33 | 0 | \$0.00 | 8 | \$2,000.00 | 7644 | \$53,511.11 | \$1,916.45 | \$65,798.23 | \$6,579.82 | \$72,378.05 |
| Timberline Ridge | Timberline | Cul-de-Sac | 51.51 | \$103.02 | 227 | \$736.67 | 0 | \$0.00 | 2 | \$500.00 | 859 | \$6,009.54 | \$220.48 | \$7,569.70 | \$756.97 | \$8,326.67 |
| Vale | Vance | Hatley | 75.00 | \$150.00 | 500 | \$1,625.00 | 5 | \$875.00 | 3 | \$750.00 | 1250 | \$8,750.00 | \$364.50 | \$12,514.50 | \$1,251.45 | \$13,765.95 |
| Wallis Dr | Rockway | Hatley | 123.00 | \$246.00 | 820 | \$2,665.00 | 0 | \$0.00 | 3 | \$750.00 | 2050 | \$14,350.00 | \$540.33 | \$18,551.33 | \$1,855.13 | \$20,406.46 |
| Westgate Circle | Timberline | Cul-de-Sac | 52.83 | \$105.66 | 213 | \$693.33 | 0 | \$0.00 | 1 | \$250.00 | 881 | \$6,163.50 | \$216.37 | \$7,428.87 | \$742.89 | \$8,171.76 |
| Total | | | 5478 | \$10,956.11 | 32573 | \$105,863.33 | 12 | \$2,100.00 | 111 | \$27,750.00 | 91301 | \$639,106.40 | \$23,573.28 | \$809,349.12 | \$80,934.91 | <u>\$ 890,284</u> |

2015 A

| 2015 A | Limits | | Length (FT) | Width (FT) | Cul-de-Sac (Dia FT) | Area (SY) | Manholes | Tack Coat (GAL) | | 2" Edge Mill (SY) | | HMAC Surface Repair (Remove and Replace up to 10") (SY) | | Minor Manhole Adjustment | | Dense Graded Asphalt (1.5") | | Mobilization 3% | Sub-Total | Contingency 10% | Total Construction Estimate |
|--------------|-------------|-------------|-------------|------------|---------------------|-----------|----------|-----------------|----------|-------------------|------------|---------------------------------------------------------|----------|--------------------------|------------|-----------------------------|-------------|-------------------|---------------------|-----------------|-----------------------------|
| | | | | | | | | Unit Cost | \$2.00 | Unit Cost | \$3.25 | Unit Cost | \$175.00 | Unit Cost | \$250.00 | Unit Cost | \$7.00 | | | | |
| Street | From | To | LCRA CAD | LCRA CAD | LCRA CAD | LCRA CAD | | Qty | Total | Qty | Total | Qty | Total | Qty | Total | Qty | Total | | | | |
| Bettis Blvd | Vale | Riley | 800 | 40 | | 3556 | 2 | 213.33 | \$426.67 | 1067 | \$3,466.67 | 0 | \$0.00 | 2 | \$500.00 | 3556 | \$24,888.89 | \$878.47 | \$30,160.69 | \$3,016.07 | \$33,176.76 |
| Farley Trail | Pickwick | Cul-de-Sac | 825 | 30 | | 2750 | 3 | 165.00 | \$330.00 | 1100 | \$3,575.00 | 0 | \$0.00 | 3 | \$750.00 | 2750 | \$19,250.00 | \$717.15 | \$24,622.15 | \$2,462.22 | \$27,084.37 |
| Gentry | Sugar Creek | Nixon Dr | 1290 | 32 | | 4587 | 4 | 275.20 | \$550.40 | 1720 | \$5,590.00 | 0 | \$0.00 | 4 | \$1,000.00 | 4587 | \$32,106.67 | \$1,177.41 | \$40,424.48 | \$4,042.45 | \$44,466.93 |
| Hatley | Riley | Vale | 635 | 30 | | 2117 | 2 | 127.00 | \$254.00 | 847 | \$2,751.67 | 0 | \$0.00 | 2 | \$500.00 | 2117 | \$14,816.67 | \$549.67 | \$18,872.00 | \$1,887.20 | \$20,759.20 |
| Pickwick | Ridgewood | Nixon Dr | 840 | 30 | | 2800 | 3 | 168.00 | \$336.00 | 1120 | \$3,640.00 | 2 | \$350.00 | 3 | \$750.00 | 2800 | \$19,600.00 | \$740.28 | \$25,416.28 | \$2,541.63 | \$27,957.91 |
| Pickwick | Riley | Vale | 630 | 30 | | 2100 | 1 | 126.00 | \$252.00 | 840 | \$2,730.00 | 5 | \$875.00 | 1 | \$250.00 | 2100 | \$14,700.00 | \$564.21 | \$19,371.21 | \$1,937.12 | \$21,308.33 |
| Ridgewood | Timberline | Rollingwood | 660 | 40 | | 2933 | 0 | 176.00 | \$352.00 | 880 | \$2,860.00 | 0 | \$0.00 | 0 | \$0.00 | 2933 | \$20,533.33 | \$712.36 | \$24,457.69 | \$2,445.77 | \$26,903.46 |
| Riley Rd | Hatley | Pickwick | 1100 | 30 | | 3667 | 4 | 220.00 | \$440.00 | 1467 | \$4,766.67 | 0 | \$0.00 | 4 | \$1,000.00 | 3667 | \$25,666.67 | \$956.20 | \$32,829.53 | \$3,282.95 | \$36,112.49 |
| Vale | Hatley | Rollingwood | 1300 | 40 | | 5778 | 5 | 346.67 | \$693.33 | 1733 | \$5,633.33 | 5 | \$875.00 | 5 | \$1,250.00 | 5778 | \$40,444.44 | \$1,466.88 | \$50,362.99 | \$5,036.30 | \$55,399.29 |
| Total | | | \$8,080 | | | \$30,287 | \$24 | 1817 | \$3,634 | 10773 | \$35,013 | 12 | \$2,100 | 24 | \$6,000 | 30287 | \$212,007 | \$7,762.63 | \$266,517.03 | \$26,651.70 | \$293,169 |





2015 B

| 2015 B | Limits | | Tack Coat (GAL) | | 2" Edge Mill (SY) | | HMAC Surface Repair (Remove and Replace up to 10") (SY) | | Minor Manhole Adjustment | | Dense Graded Asphalt (1.5") | | Mobilization 3% | Sub-Total | Contingency 10% | Total Construction Estimate |
|----------------|-------------|--------------|-----------------|--------------|-------------------|--------------|---------------------------------------------------------|--------------|--------------------------|--------------|-----------------------------|--------------|-----------------|--------------|-----------------|-----------------------------|
| | From | To | Unit Cost | \$2.00 | Unit Cost | \$3.25 | Unit Cost | \$175.00 | Unit Cost | \$250.00 | Unit Cost | \$7.00 | | | | |
| | | | Qty | Total | Qty | Total | Qty | Total | Qty | Total | Qty | Total | | | | |
| Almarion Dr | Hatley | Pickwick | 99.00 | \$198.00 | 660 | \$2,145.00 | 0 | \$0.00 | 0 | \$0.00 | 1650 | \$11,550.00 | \$416.79 | \$14,309.79 | \$1,430.98 | \$15,740.77 |
| Almarion Dr | Pickwick | Rollingwood | 138.67 | \$277.33 | 693 | \$2,253.33 | 0 | \$0.00 | 3 | \$750.00 | 2311 | \$16,177.78 | \$583.75 | \$20,042.20 | \$2,004.22 | \$22,046.42 |
| Bettis Blvd | Riley | Inwood | 104.00 | \$208.00 | 520 | \$1,690.00 | 0 | \$0.00 | 0 | \$0.00 | 1733 | \$12,133.33 | \$420.94 | \$14,452.27 | \$1,445.23 | \$15,897.50 |
| Hatley | Inwood | Riley | 81.00 | \$162.00 | 540 | \$1,755.00 | 0 | \$0.00 | 2 | \$500.00 | 1350 | \$9,450.00 | \$356.01 | \$12,223.01 | \$1,222.30 | \$13,445.31 |
| Hubbard Circle | Wallis | Pickwick | 148.00 | \$296.00 | 987 | \$3,206.67 | 0 | \$0.00 | 4 | \$1,000.00 | 2467 | \$17,266.67 | \$653.08 | \$22,422.41 | \$2,242.24 | \$24,664.65 |
| Inwood Rd | Rollingwood | Hatley | 255.00 | \$510.00 | 1700 | \$5,525.00 | 0 | \$0.00 | 4 | \$1,000.00 | 4250 | \$29,750.00 | \$1,103.55 | \$37,888.55 | \$3,788.86 | \$41,677.41 |
| Randolph Place | Rollingwood | Cul-de-Sac | 83.26 | \$166.51 | 447 | \$1,451.67 | 0 | \$0.00 | 4 | \$1,000.00 | 1388 | \$9,713.17 | \$369.94 | \$12,701.29 | \$1,270.13 | \$13,971.42 |
| Riley Rd | Vance | Hatley | 47.00 | \$94.00 | 313 | \$1,018.33 | 0 | \$0.00 | 1 | \$250.00 | 783 | \$5,483.33 | \$205.37 | \$7,051.04 | \$705.10 | \$7,756.14 |
| Rock Way | Cul-de-Sac | Almarion Way | 82.00 | \$164.00 | 547 | \$1,776.67 | 0 | \$0.00 | 1 | \$250.00 | 1367 | \$9,566.67 | \$352.72 | \$12,110.05 | \$1,211.01 | \$13,321.06 |
| Rollingwood Dr | Ridgewood | Edgegrove | 293.33 | \$586.67 | 1467 | \$4,766.67 | 0 | \$0.00 | 5 | \$1,250.00 | 4889 | \$34,222.22 | \$1,224.77 | \$42,050.32 | \$4,205.03 | \$46,255.35 |
| S Crest Circle | Edgegrove | Cul-de-Sac | 61.12 | \$122.25 | 353 | \$1,148.33 | 0 | \$0.00 | 1 | \$250.00 | 1019 | \$7,131.15 | \$259.55 | \$8,911.29 | \$891.13 | \$9,802.42 |
| Vance Ln | Wallis | Almarion Way | 161.00 | \$322.00 | 1073 | \$3,488.33 | 0 | \$0.00 | 5 | \$1,250.00 | 2683 | \$18,783.33 | \$715.31 | \$24,558.98 | \$2,455.90 | \$27,014.87 |
| Vance Ln | Riley | Vale | 150.00 | \$300.00 | 1000 | \$3,250.00 | 5 | \$875.00 | 3 | \$750.00 | 2500 | \$17,500.00 | \$680.25 | \$23,355.25 | \$2,335.53 | \$25,690.78 |
| Total | | | 1703 | \$3,406.76 | 10300 | \$33,475.00 | 5 | \$875.00 | 33 | \$8,250.00 | 28390 | \$198,727.66 | \$7,342.03 | \$252,076.45 | \$25,207.64 | \$ 277,284 |

Rollingwood/Westlake Joint Venture

| RW/WL Venture | Limits | | Tack Coat (GAL) | | 2" Edge Mill (SY) | | HMAC Surface Repair (Remove and Replace up to 10") (SY) | | Minor Manhole Adjustment | | Dense Graded Asphalt (1.5") | | Mobilization 3% | Sub-Total | Contingency 10% | Total Construction Estimate |
|----------------|------------|-------------|-----------------|--------------|-------------------|--------------|---------------------------------------------------------|--------------|--------------------------|--------------|-----------------------------|--------------|-----------------|--------------|-----------------|-----------------------------|
| | | | Unit Cost | \$2.00 | Unit Cost | \$3.25 | Unit Cost | \$175.00 | Unit Cost | \$250.00 | Unit Cost | \$7.00 | | | | |
| | | | <u>Qty</u> | <u>Total</u> | <u>Qty</u> | <u>Total</u> | <u>Qty</u> | <u>Total</u> | <u>Qty</u> | <u>Total</u> | <u>Qty</u> | <u>Total</u> | | | | |
| Rollingwood Dr | Bee Caves | South Peak | 192.00 | \$384.00 | 1200 | \$3,900.00 | 0 | \$0.00 | 0 | \$0.00 | 3200 | \$22,400.00 | \$800.52 | \$27,484.52 | \$2,748.45 | \$30,232.97 |
| Rollingwood Dr | South Peak | Ridgewood | 250.67 | \$501.33 | 1253 | \$4,073.33 | 0 | \$0.00 | 2 | \$500.00 | 4178 | \$29,244.44 | \$1,029.57 | \$35,348.68 | \$3,534.87 | \$38,883.55 |
| Ridgewood | Pickwick | Rollingwood | 336.00 | \$672.00 | 1867 | \$6,066.67 | 0 | \$0.00 | 4 | \$1,000.00 | 5600 | \$39,200.00 | \$1,408.16 | \$48,346.83 | \$4,834.68 | \$53,181.51 |
| Total | | | 779 | \$1,557.33 | 4320 | \$14,040.00 | 0 | \$0.00 | 6 | \$1,500.00 | 12978 | \$90,844.44 | \$3,238.25 | \$111,180.03 | \$11,118.00 | <u>\$ 122,298</u> |

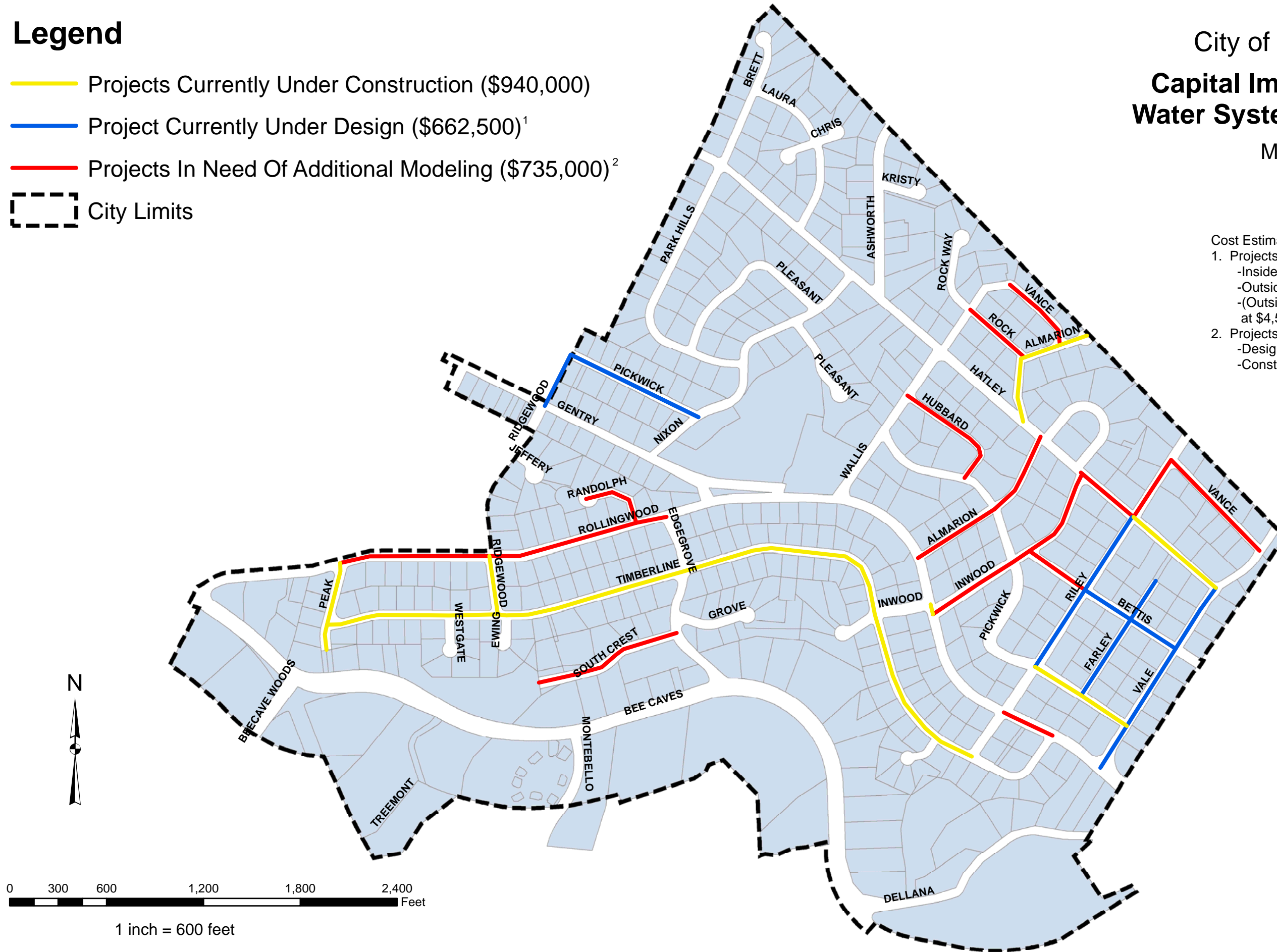
Legend

-  Projects Currently Under Construction (\$940,000)
-  Project Currently Under Design (\$662,500)¹
-  Projects In Need Of Additional Modeling (\$735,000)²
-  City Limits

City of Rollingwood Capital Improvement Plan Water System Improvements May 2013

Cost Estimate Notes:

- Projects currently under design:
 - Inside City ROW: \$527,500
 - Outside City ROW: \$135,000
 - (Outside ROW meter/relocation service estimated at \$4,500 per house for 30 homes)
- Projects in need of additional modeling:
 - Design estimate: \$130,000
 - Construction estimate \$605,000



engineers | architects | contractors



Solutions Today with a
Vision for Tomorrow

engineers | architects | contractors

TBPE Firm No: F-366

Project: Rollingwood 2013 Water System Improvements

Project No:

Date: May 10, 2013
Estimate: HMH

2013 Dollars

**INITIAL ESTIMATE OF PROBABLE CONSTRUCTION COST FOR
Rollingwood 2013 Water System Improvements**

| Item | Description | Qty | Unit | Unit Price | Total Price |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|--------------|----------------------|
| SITE DEVELOPMENT | | | | | |
| A1 | 8" Dia. PVC C-900 (DR-14) All Depths, Including Excavation, Bedding, Compacted Backfill, All Fittings and Thrust Restraining System, Complete in Place. | 3171 | LF | \$ 60.00 | \$ 190,260.00 |
| A2 | Abandon Exist 4" Waterline | 1490 | EA | \$ 10.00 | \$ 14,900.00 |
| A3 | Trench Excavation Safety Protective Systems (all depths) | 3171 | LF | \$ 2.00 | \$ 6,342.00 |
| A4 | Trench for Existing Waterline Connections | 5 | EA | \$ 1,200.00 | \$ 6,000.00 |
| A5 | 8" Dia. Resilient Seat Gate Valve | 24 | EA | \$ 1,500.00 | \$ 36,000.00 |
| A6 | Fire Hydrant | 4 | EA | \$ 3,500.00 | \$ 14,000.00 |
| A7 | New Connection to Existing Fire Hydrant | 2 | EA | \$ 2,500.00 | \$ 5,000.00 |
| A8 | Wet Connections | 7 | EA | \$ 2,000.00 | \$ 14,000.00 |
| A9 | Relocating & Adjusting Water Meters | 49 | EA | \$ 1,000.00 | \$ 49,000.00 |
| A10 | New Service Connection (single or double) | 31 | EA | \$ 2,500.00 | \$ 77,500.00 |
| A11 | Hot Mix Asphaltic Concrete Pavement, 3 Inches Thick | 3171 | LF | \$ 25.00 | \$ 79,275.00 |
| A12 | Barricades, Signs, and Traffic Handling | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| CONSTRUCTION SUB TOTAL | | | | | \$ 502,300.00 |
| A7 | Mobilization (5%) | 1 | LS | \$ 25,200.00 | \$ 25,200.00 |
| CONSTRUCTION TOTAL (2013 Dollars) | | | | | \$ 527,500.00 |

NOTES:

1. This preliminary estimate of probable cost is in 2013 dollars and should be escalated to the midpoint of construction if delayed.



Solutions Today with a
Vision for Tomorrow

engineers | architects | contractors

TBPE Firm No: F-366

Project: Rollingwood 2013 Water System Improvements

Project No:

Date: May 10, 2013
Estimate: HMM

2013 Dollars

**INITIAL ESTIMATE OF PROBABLE CONSTRUCTION COST FOR
Rollingwood 2013 Water System Improvements**

| Item | Description | Qty | Unit | Unit Price | Total Price |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------|------|------|-------------|----------------------|
| SITE DEVELOPMENT | | | | | |
| A1 | Meter Relocation, Service Line, Excavation, Bedding, Compacted Backfill, All Fittings, Complete in Place. | 3750 | LF | \$ 17.50 | \$ 65,625.00 |
| A2 | Plumber Certification | 30 | EA | \$ 1,000.00 | \$ 30,000.00 |
| A3 | Trench Excavation Safety Protective Systems (all depths) | 3750 | LF | \$ 0.75 | \$ 2,812.50 |
| A4 | Landscaping | 30 | EA | \$ 1,000.00 | \$ 30,000.00 |
| CONSTRUCTION SUB TOTAL | | | | | \$ 128,500.00 |
| A7 | Mobilization (5%) | 1 | LS | \$ 6,500.00 | \$ 6,500.00 |
| CONSTRUCTION TOTAL (2013 Dollars) | | | | | \$ 135,000.00 |

NOTES:

1. This preliminary estimate of probable cost is in 2013 dollars and should be escalated to the midpoint of construction if delayed.



engineers | architects | contractors

DATE: May 10, 2013

BY: JP

PROJECTS: Rollingwood Beneficial Future Water Line Improvements

PROJECT NO: A-J

PRELIMINARY ESTIMATE OF PROBABLE CONSTRUCTION COST

| Item | Description | Construction Cost | Engineering Cost | Total |
|------|-----------------------------------------------------|---------------------|---------------------|---------------------|
| A | Abandon 2" WL (Between Almarion/Inwood) | \$ 23,500 | \$ 7,000 | \$ 30,500 |
| B | Abandon 2" WL (Between Wallis/Almarion) | \$ 103,700 | \$ 21,000 | \$ 124,700 |
| C | Abandon 2" (Vance) | \$ 17,100 | \$ 6,000 | \$ 23,100 |
| D | Repair Breaks (Bettis) | \$ 46,700 | \$ 10,000 | \$ 56,700 |
| E | Upgrade 4" to 8" on Hately | \$ 62,100 | \$ 13,000 | \$ 75,100 |
| F | 6" WL From Riley to Timberline | \$ 38,100 | \$ 9,000 | \$ 47,100 |
| G | Replace 1475 LF WL with 8" on Rollingwood | \$ 124,300 | \$ 24,000 | \$ 148,300 |
| H | Install 1705 LF of 8" WL along Hubbard and Pickwick | \$ 92,100 | \$ 17,000 | \$ 109,100 |
| I | Abandon 2" WL (Randolph) | \$ 52,800 | \$ 11,000 | \$ 63,800 |
| J | Install 8" WL (South Crest) | \$ 45,800 | \$ 10,000 | \$ 55,800 |
| | | \$605,000.00 | \$130,000.00 | \$735,000.00 |

City of Rollingwood - Capital Improvement Plan (Summary)

| CIP Year | Rehab Estimated | Water Line Estimate | Total |
|-------------------------------------|------------------------|----------------------------|-----------------------|
| 2013 | \$959,000.00 | | \$959,000.00 |
| 2014 | \$316,000.00 | \$662,500.00 | \$978,500.00 |
| 2015-2016 | \$299,000.00 | \$735,000.00 | \$1,034,000.00 |
| Rollingwood/Westlake Joint Venture* | \$66,000.00 | | \$66,000.00 |
| | | | |
| Total | \$1,640,000.00 | \$1,397,500.00 | \$3,037,500.00 |

*Only Rollingwood's share of Estimate