

prepared for the
City of Mountain View

Estimate of Probable Construction Costs
Castro Street Medians
CLASSIC Concept

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|----------|---|--------|------|-------------|-------------|---------------------|
| A | Project Start-up | | | | | |
| 1. | Bonding and mobilization | Allow | 8% | \$21,124.80 | \$21,124.80 | |
| 2. | Construction staking | Allow | LS | \$3,000.00 | \$3,000.00 | |
| 3. | Traffic control | Allow | LS | \$15,000.00 | \$15,000.00 | |
| | | | | | | \$39,120.00 |
| B | Demolition | | | | | |
| 1. | Clear and grub | 16,050 | SF | \$0.50 | \$8,025.00 | |
| 2. | Trees | 64 | EA | \$200.00 | \$12,800.00 | |
| 3. | Irrigation heads, valves and laterals inside median | Allow | LS | \$5,000.00 | \$5,000.00 | |
| 4. | Uplights | 64 | EA | \$100.00 | \$6,400.00 | |
| 5. | Miscellaneous removals | Allow | LS | \$5,000.00 | \$5,000.00 | |
| | | | | | | \$37,230.00 |
| C | Grading and Drainage | | | | | |
| 1. | Grading | 16,050 | SF | \$1.00 | \$16,050.00 | |
| 2. | Reset valve boxes to grade | Allow | LS | \$2,000.00 | \$2,000.00 | |
| | | | | | | \$18,050.00 |
| D | Erosion Control (SWPPP not required) | | | | | |
| 1. | Fiber rolls | 1,400 | LF | \$3.00 | \$4,200.00 | |
| 2. | Storm drain inlet filters | Allow | LS | \$2,500.00 | \$2,500.00 | |
| | | | | | | \$6,700.00 |
| E | Irrigation | | | | | |
| 1. | Irrigation P.O.C. | 2 | EA | \$2,500.00 | \$5,000.00 | |
| 2. | Remote control valve | 10 | EA | \$400.00 | \$4,000.00 | |
| 3. | Isolation valve | 2 | EA | \$400.00 | \$800.00 | |
| 4. | Quick coupling valve | 2 | EA | \$400.00 | \$800.00 | |
| 5. | Drip irrigation | 16,050 | SF | \$2.00 | \$32,100.00 | |
| 6. | Bubblers, 2 per tree | 108 | EA | \$50.00 | \$5,400.00 | |
| | | | | | | \$48,100.00 |
| F | Planting | | | | | |
| 1. | Tree, multi-trunk, 24" box | 54 | EA | \$300.00 | \$16,200.00 | |
| 2. | Shrub, 5 gallon | 350 | EA | \$40.00 | \$14,000.00 | |
| 3. | Shrub, 1 gallon | 1,000 | EA | \$18.00 | \$18,000.00 | |
| 4. | Root barrier | 800 | LF | \$8.00 | \$6,400.00 | |
| 5. | Mulch | 16,050 | SF | \$0.75 | \$12,037.50 | |
| | | | | | | \$66,640.00 |
| G | Lighting & Electrical | | | | | |
| 1. | Uplight, LED (every other tree) | 27 | EA | \$1,500.00 | \$40,500.00 | |
| 2. | Re-wiring, trenching, backfilling | Allow | LS | \$25,000.00 | \$25,000.00 | |
| | | | | | | \$65,500.00 |
| H | Landscape Maintenance | | | | | |
| 1. | Plant establishment | 3 | MO | \$3,000.00 | \$9,000.00 | |
| | | | | | | \$9,000.00 |
| I | Landscape Soil Preparation | | | | | |
| 1. | Soil amendment / fine grading | 16,050 | SF | \$0.80 | \$12,840.00 | |
| | | | | | | \$12,840.00 |
| J | SUBTOTAL CONSTRUCTION COSTS | | | | | \$303,180.00 |

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Estimate of Probable Construction Costs
Castro Street Medians
CLASSIC Concept

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|--|------------------------------|-------|------|-------------|-------------|--------------|
| K | Design Contingency | Allow | 15% | \$45,477.00 | \$45,477.00 | \$45,480.00 |
| L | ANTICIPATED LOW BID | | | | | \$348,660.00 |
| M | Contingencies | | | | | |
| 1. | Construction change orders | Allow | 5% | \$17,433.00 | \$17,433.00 | \$17,430.00 |
| N | TOTAL OF MEDIAN CONSTRUCTION | | | | | \$366,090.00 |
| Based on drawing entitled "Classic Concept," dated 03/16/17. | | | | | | |
| The above items, amounts, quantities, and related information are based on Callander Associates' judgment at this level of document preparation and is offered only as reference data. Callander Associates has no control over construction quantities, costs and related factors affecting costs, and advises the client that significant variation may occur between this estimate of probable construction costs and actual construction prices. | | | | | | |

prepared for the
City of Mountain View

Estimate of Probable Construction Costs
Castro Street Medians
MODERN Concept

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|----------|---|--------|------|-------------|--------------|--------------|
| A | Project Start-up | | | | | |
| 1. | Bonding and mobilization | Allow | 8% | \$26,485.60 | \$26,485.60 | |
| 2. | Construction staking | Allow | LS | \$3,000.00 | \$3,000.00 | |
| 3. | Traffic control | Allow | LS | \$15,000.00 | \$15,000.00 | |
| | | | | | | \$44,490.00 |
| B | Demolition | | | | | |
| 1. | Clear and grub | 16,050 | SF | \$0.50 | \$8,025.00 | |
| 2. | Trees | 64 | EA | \$200.00 | \$12,800.00 | |
| 3. | Irrigation heads, valves and laterals inside median | Allow | LS | \$5,000.00 | \$5,000.00 | |
| 4. | Uplights | 64 | EA | \$100.00 | \$6,400.00 | |
| 5. | Miscellaneous removals | Allow | LS | \$5,000.00 | \$5,000.00 | |
| | | | | | | \$37,230.00 |
| C | Grading and Drainage | | | | | |
| 1. | Grading | 16,050 | SF | \$1.00 | \$16,050.00 | |
| 2. | Reset valve boxes to grade | Allow | LS | \$2,000.00 | \$2,000.00 | |
| | | | | | | \$18,050.00 |
| D | Erosion Control (SWPPP not required) | | | | | |
| 1. | Fiber rolls | 1,400 | LF | \$3.00 | \$4,200.00 | |
| 2. | Storm drain inlet filters | Allow | LS | \$2,500.00 | \$2,500.00 | |
| | | | | | | \$6,700.00 |
| E | Site Construction | | | | | |
| 1. | Decorative gravel, 4" depth | 25 | TN | \$125.00 | \$3,125.00 | |
| 2. | Header | 410 | LF | \$10.00 | \$4,100.00 | |
| | | | | | | \$7,230.00 |
| F | Irrigation | | | | | |
| 1. | Irrigation P.O.C. | 2 | EA | \$2,500.00 | \$5,000.00 | |
| 2. | Remote control valve | 10 | EA | \$400.00 | \$4,000.00 | |
| 3. | Isolation valve | 2 | EA | \$400.00 | \$800.00 | |
| 4. | Quick coupling valve | 2 | EA | \$400.00 | \$800.00 | |
| 5. | Drip irrigation | 15,000 | SF | \$2.00 | \$30,000.00 | |
| 6. | Bubblers, 2 per tree | 22 | EA | \$50.00 | \$1,100.00 | |
| | | | | | | \$41,700.00 |
| G | Planting | | | | | |
| 1. | Palm tree | 11 | EA | \$10,000.00 | \$110,000.00 | |
| 2. | Shrub, 5 gallon | 330 | EA | \$40.00 | \$13,200.00 | |
| 3. | Shrub, 1 gallon | 930 | EA | \$18.00 | \$16,740.00 | |
| 4. | Root barrier | 360 | LF | \$8.00 | \$2,880.00 | |
| 5. | Mulch | 15,000 | SF | \$0.75 | \$11,250.00 | |
| | | | | | | \$154,070.00 |
| H | Lighting & Electrical | | | | | |
| 1. | Tree ring lights at palms, LED | 11 | EA | \$1,000.00 | \$11,000.00 | |
| 2. | Re-wiring, trenching, backfilling | Allow | LS | \$25,000.00 | \$25,000.00 | |
| 3. | Receptacle outlets at each palm for string lights | 11 | EA | \$750.00 | \$8,250.00 | |
| | | | | | | \$44,250.00 |
| I | Landscape Maintenance | | | | | |
| 1. | Plant establishment | 3 | MO | \$3,000.00 | \$9,000.00 | |

prepared for the
City of Mountain View

Estimate of Probable Construction Costs
Castro Street Medians
MODERN Concept

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|--|-------------------------------------|--------|------|-------------|-------------|---------------------|
| | | | | | | \$9,000.00 |
| J | Landscape Soil Preparation | | | | | |
| 1. | Soil amendment / fine grading | 16,050 | SF | \$0.80 | \$12,840.00 | \$12,840.00 |
| | | | | | | |
| K | SUBTOTAL CONSTRUCTION COSTS | | | | | \$375,560.00 |
| | | | | | | |
| L | Design Contingency | Allow | 15% | \$56,334.00 | \$56,334.00 | \$56,330.00 |
| | | | | | | |
| M | ANTICIPATED LOW BID | | | | | \$431,890.00 |
| | | | | | | |
| N | Contingencies | | | | | |
| 1. | Construction change orders | Allow | 5% | \$21,594.50 | \$21,594.50 | \$21,590.00 |
| | | | | | | |
| O | TOTAL OF MEDIAN CONSTRUCTION | | | | | \$453,480.00 |
| Based on drawing entitled "Modern Concept," dated 03/16/17. The above items, amounts, quantities, and related information are based on Callander Associates' judgment at this level of document preparation and is offered only as reference data. Callander Associates has no control over construction quantities, costs and related factors affecting costs, and advises the client that significant variation may occur between this estimate of probable construction costs and actual construction prices. | | | | | | |

prepared for the
City of Mountain View

Estimate of Probable Construction Costs
Castro Street Medians
CONTEMPORARY Concept

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|----------|---|--------|------|-------------|-------------|---------------------|
| A | Project Start-up | | | | | |
| 1. | Bonding and mobilization | Allow | 8% | \$13,704.80 | \$13,704.80 | |
| 2. | Construction staking | Allow | LS | \$3,000.00 | \$3,000.00 | |
| 3. | Traffic control | Allow | LS | \$15,000.00 | \$15,000.00 | |
| | | | | | | \$31,700.00 |
| B | Demolition | | | | | |
| 1. | Clear and grub | 16,050 | SF | \$0.50 | \$8,025.00 | |
| 2. | Trees | 64 | EA | \$200.00 | \$12,800.00 | |
| 3. | Irrigation heads, valves and laterals inside median | Allow | LS | \$5,000.00 | \$5,000.00 | |
| 4. | Uplights | 64 | EA | \$100.00 | \$6,400.00 | |
| 5. | Miscellaneous removals | Allow | LS | \$5,000.00 | \$5,000.00 | |
| | | | | | | \$37,230.00 |
| C | Grading and Drainage | | | | | |
| 1. | Grading | 16,050 | SF | \$1.00 | \$16,050.00 | |
| 2. | Reset valve boxes to grade | Allow | LS | \$2,000.00 | \$2,000.00 | |
| | | | | | | \$18,050.00 |
| D | Erosion Control (SWPPP not required) | | | | | |
| 1. | Fiber rolls | 1,400 | LF | \$3.00 | \$4,200.00 | |
| 2. | Storm drain inlet filters | Allow | LS | \$2,500.00 | \$2,500.00 | |
| | | | | | | \$6,700.00 |
| E | Irrigation | | | | | |
| 1. | Irrigation P.O.C. | 2 | EA | \$2,500.00 | \$5,000.00 | |
| 2. | Remote control valve | 10 | EA | \$400.00 | \$4,000.00 | |
| 3. | Isolation valve | 2 | EA | \$400.00 | \$800.00 | |
| 4. | Quick coupling valve | 2 | EA | \$400.00 | \$800.00 | |
| 5. | Drip irrigation | 13,050 | SF | \$2.00 | \$26,100.00 | |
| 6. | Bubblers, 2 per tree | 46 | EA | \$50.00 | \$2,300.00 | |
| | | | | | | \$39,000.00 |
| F | Planting | | | | | |
| 1. | Tree, 24" box | 23 | EA | \$300.00 | \$6,900.00 | |
| 2. | Shrub, 5 gallon | 280 | EA | \$40.00 | \$11,200.00 | |
| 3. | Shrub, 1 gallon | 800 | EA | \$18.00 | \$14,400.00 | |
| 4. | Root barrier | 350 | LF | \$8.00 | \$2,800.00 | |
| 5. | Cobble | 85 | TN | \$40.00 | \$3,400.00 | |
| 6. | Mulch | 13,050 | SF | \$0.75 | \$9,787.50 | |
| | | | | | | \$48,490.00 |
| G | Landscape Maintenance | | | | | |
| 1. | Plant establishment | 3 | MO | \$3,000.00 | \$9,000.00 | |
| | | | | | | \$9,000.00 |
| H | Landscape Soil Preparation | | | | | |
| 1. | Soil amendment / fine grading | 16,050 | SF | \$0.80 | \$12,840.00 | |
| | | | | | | \$12,840.00 |
| I | SUBTOTAL CONSTRUCTION COSTS | | | | | \$203,010.00 |
| J | Design Contingency | Allow | 15% | \$30,451.50 | \$30,451.50 | |

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Estimate of Probable Construction Costs
Castro Street Medians
CONTEMPORARY Concept

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|--|-------------------------------------|-------|------|-------------|-------------|---------------------|
| | | | | | | \$30,450.00 |
| K | ANTICIPATED LOW BID | | | | | \$233,460.00 |
| L | Contingencies | | | | | |
| 1. | Construction change orders | Allow | 5% | \$11,673.00 | \$11,673.00 | \$11,670.00 |
| | | | | | | |
| M | TOTAL OF MEDIAN CONSTRUCTION | | | | | \$245,130.00 |
| Based on drawing entitled "Contemporary Concept," dated 03/16/17. The above items, amounts, quantities, and related information are based on Callander Associates' judgment at this level of document preparation and is offered only as reference data. Callander Associates has no control over construction quantities, costs and related factors affecting costs, and advises the client that significant variation may occur between this estimate of probable construction costs and actual construction prices. | | | | | | |

prepared for the
City of Mountain View

Estimate of Probable Construction Costs
Castro Street Medians
Plaza Concept Plan 1

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|----------|--|-------|------|-------------|-------------|---------------------|
| A | Project Start-up | | | | | |
| 1. | Bonding and mobilization | Allow | 8% | \$10,341.60 | \$10,341.60 | |
| | | | | | | \$10,340.00 |
| B | Demolition | | | | | |
| 1. | Sculpture, remove and return to City | Allow | LS | \$2,500.00 | \$2,500.00 | |
| 2. | Pear trees | 8 | EA | \$500.00 | \$4,000.00 | |
| 3. | Site furnishings return to City | Allow | LS | \$1,000.00 | \$1,000.00 | |
| 4. | Cap fountain plumbing | Allow | LS | \$5,000.00 | \$5,000.00 | |
| 5. | Miscellaneous removals | Allow | LS | \$10,000.00 | \$10,000.00 | |
| | | | | | | \$22,500.00 |
| C | Site Construction & Furnishings | | | | | |
| 1. | Patio table | 13 | EA | \$1,100.00 | \$14,300.00 | |
| 2. | Umbrella | 5 | EA | \$3,500.00 | \$17,500.00 | |
| 3. | Chairs | 39 | EA | \$280.00 | \$10,920.00 | |
| 4. | Wood benches | 7 | EA | \$2,050.00 | \$14,350.00 | |
| 5. | Power pedestal | 2 | EA | \$1,500.00 | \$3,000.00 | |
| 6. | Electrical work | Allow | LS | \$15,000.00 | \$15,000.00 | |
| 8. | Tile | Allow | LS | \$5,000.00 | \$5,000.00 | |
| | | | | | | \$80,070.00 |
| D | Irrigation | | | | | |
| 1. | Irrigation P.O.C. at fountain | 1 | EA | \$3,500.00 | \$3,500.00 | |
| 2. | Restore irrigation at raised planters | Allow | LS | \$2,500.00 | \$2,500.00 | |
| 3. | Remote control valve | 2 | EA | \$400.00 | \$800.00 | |
| 4. | Isolation valve | 1 | EA | \$400.00 | \$400.00 | |
| 5. | Quick coupling valve | 1 | EA | \$400.00 | \$400.00 | |
| 6. | Drip irrigation | 440 | SF | \$5.00 | \$2,200.00 | |
| 7. | Bubblers, 2 per tree | 2 | EA | \$50.00 | \$100.00 | |
| | | | | | | \$9,900.00 |
| E | Planting | | | | | |
| 1. | Import soil | 40 | CY | \$50.00 | \$2,000.00 | |
| 2. | Tree, 60" box in circular planter | 1 | EA | \$4,000.00 | \$4,000.00 | |
| 3. | Tree, 24" box in raised planters | 10 | EA | \$300.00 | \$3,000.00 | |
| 4. | Plants, 1 gallon in planters at performing arts building | 30 | EA | \$18.00 | \$540.00 | |
| 5. | Root barrier | 230 | LF | \$8.00 | \$1,840.00 | |
| 6. | Mulch | 880 | SF | \$0.75 | \$660.00 | |
| | | | | | | \$12,040.00 |
| F | Landscape Maintenance | | | | | |
| 1. | Plant establishment | 3 | MO | \$1,000.00 | \$3,000.00 | |
| | | | | | | \$3,000.00 |
| G | Landscape Soil Preparation | | | | | |
| 1. | Soil amendment / fine grading | 880 | SF | \$2.00 | \$1,760.00 | |
| | | | | | | \$1,760.00 |
| H | SUBTOTAL CONSTRUCTION COSTS | | | | | \$139,610.00 |
| I | Design Contingency | Allow | 15% | \$20,941.50 | \$20,941.50 | |

prepared for the
City of Mountain View

Estimate of Probable Construction Costs
Castro Street Medians
Plaza Concept Plan 1

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|--|------------------------------------|-------|------|------------|------------|---------------------|
| | | | | | | \$20,940.00 |
| J | ANTICIPATED LOW BID | | | | | \$160,550.00 |
| K | Contingencies | | | | | |
| 1. | Construction change orders | Allow | 5% | \$8,027.50 | \$8,027.50 | |
| | | | | | | \$8,030.00 |
| L | TOTAL OF PLAZA CONSTRUCTION | | | | | \$168,580.00 |
| Based on drawing entitled "Plaza Concept Plan 1," dated 03/16/17. The above items, amounts, quantities, and related information are based on Callander Associates' judgment at this level of document preparation and is offered only as reference data. Callander Associates has no control over construction quantities, costs and related factors affecting costs, and advises the client that significant variation may occur between this estimate of probable construction costs and actual construction prices. | | | | | | |

prepared for the
City of Mountain View

Estimate of Probable Construction Costs
Castro Street Medians
Plaza Concept Plan 2

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|----------|--|-------|------|-------------|-------------|---------------------|
| A | Project Start-up | | | | | |
| 1. | Bonding and mobilization | Allow | 8% | \$11,040.80 | \$11,040.80 | |
| | | | | | | \$11,040.00 |
| B | Demolition | | | | | |
| 1. | Planters | 5 | EA | \$200.00 | \$1,000.00 | |
| 2. | Pear trees | 8 | EA | \$500.00 | \$4,000.00 | |
| 3. | Large cedar tree | 1 | EA | \$5,000.00 | \$5,000.00 | |
| 4. | Site furnishings return to City | Allow | LS | \$1,000.00 | \$1,000.00 | |
| 5. | Cap fountain plumbing | Allow | LS | \$5,000.00 | \$5,000.00 | |
| 6. | Miscellaneous removals | Allow | LS | \$10,000.00 | \$10,000.00 | |
| | | | | | | \$26,000.00 |
| C | Site Construction & Furnishings | | | | | |
| 1. | Patio table no umbrella | 8 | EA | \$3,500.00 | \$28,000.00 | |
| 2. | Patio table with umbrella | 5 | EA | \$7,350.00 | \$36,750.00 | |
| 3. | Lounge bench | 8 | EA | \$900.00 | \$7,200.00 | |
| 4. | Solar-powered bench | 2 | EA | \$4,500.00 | \$9,000.00 | |
| 5. | Decals on glass | Allow | LS | \$5,000.00 | \$5,000.00 | |
| | | | | | | \$85,950.00 |
| D | Irrigation | | | | | |
| 1. | Irrigation P.O.C. at fountain | 1 | EA | \$3,500.00 | \$3,500.00 | |
| 2. | Restore irrigation at raised planters | Allow | LS | \$2,500.00 | \$2,500.00 | |
| 3. | Remote control valve | 2 | EA | \$400.00 | \$800.00 | |
| 4. | Isolation valve | 1 | EA | \$400.00 | \$400.00 | |
| 5. | Quick coupling valve | 1 | EA | \$400.00 | \$400.00 | |
| 6. | Drip irrigation | 440 | SF | \$5.00 | \$2,200.00 | |
| | | | | | | \$9,800.00 |
| E | Planting | | | | | |
| 1. | Import soil | 40 | CY | \$50.00 | \$2,000.00 | |
| 2. | Tree, 60" box at Castro Street | 1 | EA | \$4,000.00 | \$4,000.00 | |
| 3. | Tree, 24" box in raised planters | 10 | EA | \$300.00 | \$3,000.00 | |
| 4. | Root barrier | 230 | LF | \$8.00 | \$1,840.00 | |
| 5. | Mulch | 880 | SF | \$0.75 | \$660.00 | |
| | | | | | | \$11,500.00 |
| F | Landscape Maintenance | | | | | |
| 1. | Plant establishment | 3 | MO | \$1,000.00 | \$3,000.00 | |
| | | | | | | \$3,000.00 |
| G | Landscape Soil Preparation | | | | | |
| 1. | Soil amendment / fine grading | 880 | SF | \$2.00 | \$1,760.00 | |
| | | | | | | \$1,760.00 |
| H | SUBTOTAL CONSTRUCTION COSTS | | | | | \$149,050.00 |
| I | Design Contingency | Allow | 15% | \$22,357.50 | \$22,357.50 | |
| | | | | | | \$22,360.00 |
| J | ANTICIPATED LOW BID | | | | | \$171,410.00 |

prepared for the
City of Mountain View

Estimate of Probable Construction Costs
Castro Street Medians
Plaza Concept Plan 2

prepared on: 03/16/17
prepared by: LC
checked by: DR

| Item # | Description | Qty | Unit | Cost | Item Total | Subtotal |
|--|------------------------------------|-------|------|------------|------------|---------------------|
| K | Contingencies | | | | | |
| 1. | Construction change orders | Allow | 5% | \$8,570.50 | \$8,570.50 | |
| | | | | | | \$8,570.00 |
| L | TOTAL OF PLAZA CONSTRUCTION | | | | | \$179,980.00 |
| Based on drawing entitled "Plaza Concept Plan 2," dated 03/16/17. | | | | | | |
| The above Items, amounts, quantities, and related information are based on Callander Associates' judgment at this level of document preparation and is offered only as reference data. Callander Associates has no control over construction quantities, costs and related factors affecting costs, and advises the client that significant variation may occur between this estimate of probable construction costs and actual construction prices. | | | | | | |