

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|------------------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 4 State Route 193 7 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 1100 | \$7.00 | \$7,700 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 0 | \$1.80 | \$0 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 0 | \$2.25 | \$0 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 0 | \$2.70 | \$0 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 5916 | \$2.50 | \$14,800 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 5916 | \$4.00 | \$23,700 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 1520 | \$1.20 | \$1,800 |
| 10 | Subgrade Street Prep (Street) | SF | 5916 | \$0.25 | \$1,500 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 0 | \$0.30 | \$0 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 1520 | \$0.30 | \$500 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 760 | \$15.00 | \$11,400 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 0 | \$6.00 | \$0 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 0 | \$115.00 | \$0 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 760 | \$12.00 | \$9,100 |
| 23 | Median Landscaping | SF | 4560 | \$4.50 | \$20,500 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 0 | \$27.00 | \$0 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 5 | \$6,000.00 | \$30,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 1520 | \$20.00 | \$30,400 |
| 31 | Sawcut and Pavement Removal | LF | 760 | \$3.00 | \$2,300 |
| 32 | Reconstruct Ditches | LF | 760 | \$3.00 | \$2,300 |
| 33 | Erosion Control | LF | 760 | \$25.00 | \$19,000 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 36480 | \$2.00 | \$73,000 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 1 | \$100,000.00 | \$100,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$398,000 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$59,700

Soft Costs Contingency (17%): \$67,700

TOTAL CIRCULATION \$525,400

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|-------------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 4 Oak Tree Lane 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 29160 | \$1.80 | \$52,500 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 58320 | \$2.25 | \$131,200 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 58320 | \$2.70 | \$157,500 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 58320 | \$0.25 | \$14,600 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 29160 | \$0.30 | \$8,700 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 1620 | \$15.00 | \$24,300 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 19440 | \$6.00 | \$116,600 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 1620 | \$115.00 | \$186,300 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 3240 | \$12.00 | \$38,900 |
| 23 | Median Landscaping | SF | 19440 | \$4.50 | \$87,500 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 3240 | \$27.00 | \$87,500 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 11 | \$6,000.00 | \$66,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 1620 | \$25.00 | \$40,500 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$1,062,100 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$159,300

Soft Costs Contingency (17%): \$180,600

TOTAL CIRCULATION \$1,402,000

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|-----------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 4 North South Collector 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 14240 | \$1.80 | \$25,600 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 32040 | \$2.25 | \$72,100 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 32040 | \$2.70 | \$86,500 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 32040 | \$0.25 | \$8,000 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 14240 | \$0.30 | \$4,300 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 890 | \$15.00 | \$13,400 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 8900 | \$6.00 | \$53,400 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 890 | \$115.00 | \$102,400 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 1780 | \$12.00 | \$21,400 |
| 23 | Median Landscaping | SF | 10680 | \$4.50 | \$48,100 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 1780 | \$27.00 | \$48,100 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 6 | \$6,000.00 | \$36,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 890 | \$25.00 | \$22,300 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$591,600 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$88,700

Soft Costs Contingency (17%): \$100,600

TOTAL CIRCULATION \$780,900

Engineer's Opinion of Costs
Village 1 - Backbone Roadway System
Phase 4 Collector Loop 1

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|--------------------------------|--|------|----------|----------------|-------------|
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 40160 | \$1.80 | \$72,300 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 90360 | \$2.25 | \$203,400 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 90360 | \$2.70 | \$243,900 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 90360 | \$0.25 | \$22,500 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 40160 | \$0.30 | \$12,100 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 2510 | \$15.00 | \$37,600 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 25100 | \$6.00 | \$150,600 |
| 19 | Roundabout | EA | 1 | \$100,000.00 | \$100,000 |
| 20 | Joint Trench | LF | 2510 | \$115.00 | \$288,600 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 5020 | \$27.00 | \$135,500 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 17 | \$6,000.00 | \$102,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 2510 | \$25.00 | \$62,700 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$1,481,200 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$222,300

Soft Costs Contingency (17%): \$251,700

TOTAL CIRCULATION \$1,955,200

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|------------------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 4 Liberty Lane 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 0 | \$1.80 | \$0 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 32280 | \$2.25 | \$72,600 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 32280 | \$2.70 | \$87,200 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 10760 | \$1.80 | \$19,400 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 32280 | \$0.25 | \$8,100 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 0 | \$0.30 | \$0 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 10760 | \$0.30 | \$3,200 |
| 14 | Signing and Striping (36' ROW)* | LF | 0 | \$15.00 | \$0 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 0 | \$6.00 | \$0 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 1345 | \$115.00 | \$154,700 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 0 | \$27.00 | \$0 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 9 | \$6,000.00 | \$54,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 1345 | \$25.00 | \$33,600 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 1 | \$100,000.00 | \$100,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$582,800 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$87,400

Soft Costs Contingency (17%): \$99,100

TOTAL CIRCULATION \$769,300

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|--------------------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 5 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 4 | \$50,000.00 | \$200,000 |
| 2 | Excavation | CY | 2160 | \$7.00 | \$15,100 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 84980 | \$1.80 | \$153,000 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 178920 | \$2.25 | \$402,600 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 178920 | \$2.70 | \$483,100 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 29163 | \$2.50 | \$72,900 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 29163 | \$4.00 | \$116,700 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 12520 | \$1.20 | \$15,000 |
| 10 | Subgrade Street Prep (Street) | SF | 208083 | \$0.25 | \$52,000 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 84980 | \$0.30 | \$25,500 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 11440 | \$0.30 | \$3,400 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 8520 | \$15.00 | \$127,800 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 55160 | \$6.00 | \$331,000 |
| 19 | Roundabout | EA | 1 | \$100,000.00 | \$100,000 |
| 20 | Joint Trench | LF | 2940 | \$115.00 | \$338,100 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 8080 | \$12.00 | \$97,000 |
| 23 | Median Landscaping | SF | 60570 | \$4.50 | \$272,600 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 9940 | \$27.00 | \$268,400 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 6 | \$960.00 | \$5,800 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 74 | \$6,000.00 | \$444,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 6260 | \$3.00 | \$18,800 |
| 32 | Reconstruct Ditches | LF | 4730 | \$3.00 | \$14,200 |
| 33 | Erosion Control | LF | 11230 | \$25.00 | \$280,800 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 300480 | \$2.00 | \$601,000 |
| 39 | Retrofit Utilities | EA | 4 | \$3,000.00 | \$12,000 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 5350 | \$45.00 | \$240,800 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 1 | \$100,000.00 | \$100,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$4,791,600 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$718,700

Soft Costs Contingency (17%): \$814,600

TOTAL CIRCULATION \$6,324,900

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|-----------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 5 State Route 193 8 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 0.25 | \$50,000.00 | \$12,500 |
| 2 | Excavation | CY | 1073 | \$7.00 | \$7,500 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 0 | \$1.80 | \$0 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 0 | \$2.25 | \$0 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 0 | \$2.70 | \$0 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 14491 | \$2.50 | \$36,200 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 14491 | \$4.00 | \$58,100 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 3880 | \$1.20 | \$4,700 |
| 10 | Subgrade Street Prep (Street) | SF | 14491 | \$0.25 | \$3,600 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 0 | \$0.30 | \$0 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 3880 | \$0.30 | \$1,100 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 970 | \$15.00 | \$14,600 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 0 | \$6.00 | \$0 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 0 | \$115.00 | \$0 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 0 | \$27.00 | \$0 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 3 | \$960.00 | \$2,900 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 13 | \$6,000.00 | \$78,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 1940 | \$3.00 | \$5,800 |
| 32 | Reconstruct Ditches | LF | 1940 | \$3.00 | \$5,800 |
| 33 | Erosion Control | LF | 1940 | \$25.00 | \$48,500 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 93120 | \$2.00 | \$186,200 |
| 39 | Retrofit Utilities | EA | 2 | \$3,000.00 | \$6,000 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0.25 | \$100,000.00 | \$25,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$496,500 |

* Cost per linear foot of roadway.

Contingency Based upon Hard Costs (15%): \$74,500

** ROW Acquisition includes mapping, purchasing the land,

Soft Costs Contingency (17%): \$84,400

*** ROW Acquisition includes mapping.

TOTAL CIRCULATION \$655,400

Engineer's Opinion of Costs
Village 1 - Backbone Roadway System
Phase 5 State Route 193 9

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|--------------------------------|--|------|----------|----------------|------------------|
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 0.25 | \$50,000.00 | \$12,500 |
| 2 | Excavation | CY | 343 | \$7.00 | \$2,400 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 0 | \$1.80 | \$0 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 0 | \$2.25 | \$0 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 0 | \$2.70 | \$0 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 4634 | \$2.50 | \$11,600 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 4634 | \$4.00 | \$18,500 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 1280 | \$1.20 | \$1,500 |
| 10 | Subgrade Street Prep (Street) | SF | 4634 | \$0.25 | \$1,200 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 0 | \$0.30 | \$0 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 1280 | \$0.30 | \$400 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 320 | \$15.00 | \$4,800 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 0 | \$6.00 | \$0 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 0 | \$115.00 | \$0 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 0 | \$27.00 | \$0 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 4 | \$6,000.00 | \$24,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 640 | \$3.00 | \$1,900 |
| 32 | Reconstruct Ditches | LF | 640 | \$3.00 | \$1,900 |
| 33 | Erosion Control | LF | 640 | \$25.00 | \$16,000 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 30720 | \$2.00 | \$61,400 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0.25 | \$100,000.00 | \$25,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$183,100 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$27,500

Soft Costs Contingency (17%): \$31,100

TOTAL CIRCULATION \$241,700

| Engineer's Opinion of Costs Village 1 - Backbone Roadway System Phase 5 State Route 193 10 | | | | | |
|---|--|------|----------|----------------|------------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 0.25 | \$50,000.00 | \$12,500 |
| 2 | Excavation | CY | 353 | \$7.00 | \$2,500 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 0 | \$1.80 | \$0 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 0 | \$2.25 | \$0 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 0 | \$2.70 | \$0 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 4760 | \$2.50 | \$11,900 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 4760 | \$4.00 | \$19,000 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 3380 | \$1.20 | \$4,100 |
| 10 | Subgrade Street Prep (Street) | SF | 4760 | \$0.25 | \$1,200 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 0 | \$0.30 | \$0 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 3380 | \$0.30 | \$1,000 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 1690 | \$15.00 | \$25,400 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 0 | \$6.00 | \$0 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 0 | \$115.00 | \$0 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 0 | \$27.00 | \$0 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 3 | \$960.00 | \$2,900 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 11 | \$6,000.00 | \$66,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 1690 | \$3.00 | \$5,100 |
| 32 | Reconstruct Ditches | LF | 2150 | \$3.00 | \$6,500 |
| 33 | Erosion Control | LF | 1690 | \$25.00 | \$42,300 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 81120 | \$2.00 | \$162,200 |
| 39 | Retrofit Utilities | EA | 2 | \$3,000.00 | \$6,000 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0.25 | \$100,000.00 | \$25,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$393,600 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$59,000

Soft Costs Contingency (17%): \$66,900

TOTAL CIRCULATION \$519,500

| Engineer's Opinion of Costs Village 1 - Backbone Roadway System Phase 5 State Route 193 11 | | | | | |
|---|--|------|----------|----------------|------------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 0.25 | \$50,000.00 | \$12,500 |
| 2 | Excavation | CY | 391 | \$7.00 | \$2,700 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 0 | \$1.80 | \$0 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 0 | \$2.25 | \$0 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 0 | \$2.70 | \$0 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 5278 | \$2.50 | \$13,200 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 5278 | \$4.00 | \$21,100 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 3980 | \$1.20 | \$4,700 |
| 10 | Subgrade Street Prep (Street) | SF | 5278 | \$0.25 | \$1,300 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 0 | \$0.30 | \$0 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 2900 | \$0.30 | \$900 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 570 | \$15.00 | \$8,600 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 0 | \$6.00 | \$0 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 0 | \$115.00 | \$0 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 0 | \$27.00 | \$0 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 13 | \$6,000.00 | \$78,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 1990 | \$3.00 | \$6,000 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 1990 | \$25.00 | \$49,800 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 95520 | \$2.00 | \$191,200 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0.25 | \$100,000.00 | \$25,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$415,000 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$62,300

Soft Costs Contingency (17%): \$70,600

TOTAL CIRCULATION \$547,900

| Engineer's Opinion of Costs Village 1 - Backbone Roadway System Phase 5 Oak Tree Lane 1 | | | | | |
|--|--|------|----------|----------------|-------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 49140 | \$1.80 | \$88,500 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 98280 | \$2.25 | \$221,200 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 98280 | \$2.70 | \$265,400 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 98280 | \$0.25 | \$24,500 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 49140 | \$0.30 | \$14,700 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 2730 | \$15.00 | \$40,700 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 32760 | \$6.00 | \$196,600 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 700 | \$115.00 | \$80,500 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 5460 | \$12.00 | \$65,600 |
| 23 | Median Landscaping | SF | 32760 | \$4.50 | \$147,500 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 5460 | \$27.00 | \$147,500 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 18 | \$6,000.00 | \$108,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 2730 | \$25.00 | \$68,100 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 5350 | \$45.00 | \$240,800 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$1,759,600 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$263,800

Soft Costs Contingency (17%): \$299,200

TOTAL CIRCULATION \$2,322,600

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|------------------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 5 North South Collector 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 20960 | \$1.80 | \$37,700 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 47160 | \$2.25 | \$106,100 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 47160 | \$2.70 | \$127,300 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 47160 | \$0.25 | \$11,800 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 20960 | \$0.30 | \$6,300 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 1310 | \$15.00 | \$19,700 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 13100 | \$6.00 | \$78,600 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 1310 | \$115.00 | \$150,600 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 2620 | \$12.00 | \$31,400 |
| 23 | Median Landscaping | SF | 15720 | \$4.50 | \$70,700 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 2620 | \$27.00 | \$70,700 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 9 | \$6,000.00 | \$54,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 1310 | \$25.00 | \$32,800 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$847,700 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$127,200

Soft Costs Contingency (17%): \$144,100

TOTAL CIRCULATION \$1,119,000

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|-----------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 5 Collector Loop 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 14880 | \$1.80 | \$26,800 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 33480 | \$2.25 | \$75,300 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 33480 | \$2.70 | \$90,400 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 33480 | \$0.25 | \$8,400 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 14880 | \$0.30 | \$4,500 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 930 | \$15.00 | \$14,000 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 9300 | \$6.00 | \$55,800 |
| 19 | Roundabout | EA | 1 | \$100,000.00 | \$100,000 |
| 20 | Joint Trench | LF | 930 | \$115.00 | \$107,000 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 12090 | \$4.50 | \$54,400 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 1860 | \$27.00 | \$50,200 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 6 | \$6,000.00 | \$36,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 930 | \$25.00 | \$23,300 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$696,100 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$104,400

Soft Costs Contingency (17%): \$118,300

TOTAL CIRCULATION \$918,800

Engineer's Opinion of Costs
Village 1 - Backbone Roadway System
Phase 6 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|--------------------------------|--|------|----------|----------------|--------------------|
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 60320 | \$1.80 | \$108,600 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 135720 | \$2.25 | \$305,400 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 135720 | \$2.70 | \$366,400 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 135720 | \$0.25 | \$33,900 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 60320 | \$0.30 | \$18,100 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 3770 | \$15.00 | \$56,600 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 37700 | \$6.00 | \$226,200 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 3770 | \$115.00 | \$433,600 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 7540 | \$27.00 | \$203,600 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 25 | \$6,000.00 | \$150,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 3770 | \$25.00 | \$94,300 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$2,046,700 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$307,000

Soft Costs Contingency (17%): \$347,900

TOTAL CIRCULATION \$2,701,600

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|-------------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 6 Collector Loop 3 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 60320 | \$1.80 | \$108,600 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 135720 | \$2.25 | \$305,400 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 135720 | \$2.70 | \$366,400 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 135720 | \$0.25 | \$33,900 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 60320 | \$0.30 | \$18,100 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 3770 | \$15.00 | \$56,600 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 37700 | \$6.00 | \$226,200 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 3770 | \$115.00 | \$433,600 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 7540 | \$27.00 | \$203,600 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 25 | \$6,000.00 | \$150,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 3770 | \$25.00 | \$94,300 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$2,046,700 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$307,000

Soft Costs Contingency (17%): \$347,900

TOTAL CIRCULATION \$2,701,600

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|--------------------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 7 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 2 | \$50,000.00 | \$100,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 15210 | \$1.80 | \$27,400 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 42760 | \$2.25 | \$96,200 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 42760 | \$2.70 | \$115,500 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 42760 | \$0.25 | \$10,700 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 15210 | \$0.30 | \$4,600 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 3110 | \$15.00 | \$46,700 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 5880 | \$6.00 | \$35,300 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 3110 | \$115.00 | \$357,700 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 5880 | \$4.50 | \$26,500 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 3110 | \$27.00 | \$84,000 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 22 | \$6,000.00 | \$132,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 2130 | \$3.00 | \$6,400 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 3110 | \$25.00 | \$77,800 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 550 | \$133.00 | \$73,200 |
| 44 | Split Rail Fencing | LF | 980 | \$45.00 | \$44,100 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 1 | \$100,000.00 | \$100,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 1 | \$5,500,000.00 | \$5,500,000 |
| Construction Total: | | | | | \$6,838,100 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$1,025,700

Soft Costs Contingency (17%): \$1,162,500

TOTAL CIRCULATION \$9,026,300

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|--------------------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 7 Oak Tree Lane 12 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 1 | \$50,000.00 | \$50,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 8820 | \$1.80 | \$15,900 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 21560 | \$2.25 | \$48,500 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 21560 | \$2.70 | \$58,300 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 21560 | \$0.25 | \$5,400 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 8820 | \$0.30 | \$2,700 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 980 | \$15.00 | \$14,700 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 5880 | \$6.00 | \$35,300 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 980 | \$115.00 | \$112,700 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 5880 | \$4.50 | \$26,500 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 980 | \$27.00 | \$26,500 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 7 | \$6,000.00 | \$42,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 980 | \$25.00 | \$24,500 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 550 | \$133.00 | \$73,200 |
| 44 | Split Rail Fencing | LF | 980 | \$45.00 | \$44,100 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 1 | \$5,500,000.00 | \$5,500,000 |
| Construction Total: | | | | | \$6,080,300 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$912,000

Soft Costs Contingency (17%): \$1,033,700

TOTAL CIRCULATION \$8,026,000

| Engineer's Opinion of Costs Village 1 - Backbone Roadway System Phase 7 Virginiatown Road 1 | | | | | |
|---|--|------|----------|----------------|------------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 0.5 | \$50,000.00 | \$25,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 6090 | \$1.80 | \$11,000 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 20300 | \$2.25 | \$45,700 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 20300 | \$2.70 | \$54,800 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 20300 | \$0.25 | \$5,100 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 6090 | \$0.30 | \$1,800 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 2030 | \$15.00 | \$30,500 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 0 | \$6.00 | \$0 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 2030 | \$115.00 | \$233,500 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 2030 | \$27.00 | \$54,800 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 14 | \$6,000.00 | \$84,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 2030 | \$3.00 | \$6,100 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 2030 | \$25.00 | \$50,800 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 1 | \$100,000.00 | \$50,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$653,100 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$98,000

Soft Costs Contingency (17%): \$111,000

TOTAL CIRCULATION \$862,100

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|-----------|
| Village 1 - Backbone Roadway System | | | | | |
| Phase 7 Virginiatown Road 3 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 0.5 | \$50,000.00 | \$25,000 |
| 2 | Excavation | CY | 0 | \$7.00 | \$0 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 300 | \$1.80 | \$500 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 900 | \$2.25 | \$2,000 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 900 | \$2.70 | \$2,400 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 0 | \$2.50 | \$0 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 0 | \$4.00 | \$0 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 900 | \$0.25 | \$200 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 300 | \$0.30 | \$100 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 100 | \$15.00 | \$1,500 |
| 15 | Traffic Signals | EA | 0 | \$320,000.00 | \$0 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 0 | \$6.00 | \$0 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 100 | \$115.00 | \$11,500 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 0 | \$12.00 | \$0 |
| 23 | Median Landscaping | SF | 0 | \$4.50 | \$0 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 100 | \$27.00 | \$2,700 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 1 | \$6,000.00 | \$6,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 100 | \$3.00 | \$300 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 100 | \$25.00 | \$2,500 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 0 | \$2.00 | \$0 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 1 | \$100,000.00 | \$50,000 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$104,700 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$15,700

Soft Costs Contingency (17%): \$17,800

TOTAL CIRCULATION \$138,200

APPENDIX 7
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Circulation Phasing

Circulation Phasing per City and Village 1

Appendix 7

August 9, 2016

| | Facility | Begin Improvement Plan Design by Building Permit [3] [4] | Bid Awarded by Building Permit [3] [4] | In Use by Building Permit [3] [4] |
|---|---|---|---|---|
| Infrastructure Elements + PFE Eligible Infrastructure Elements [1] | | | | |
| 1 | McBean Park Drive and State Route 193 - North Side From Ferrari Ranch Road to 900 LF past Oak Tree Lane - 2 Westbound Lanes and 1 Eastbound Lane, including traffic signals | 1000 | 1300 | 1400 |
| 2 | Oak Tree Lane - McBean Park Drive/State Route 193 to Sierra College Boulevard or State Route 193, 2 lanes with landscaped median and traffic signal at McBean Park Drive and Sierra College Boulevard | 500 EDU's [2] | 700 EDU's [2] | 1000 EDU's [2] |
| 3 | State Route 193, North Side - from 900 LF past Oak Tree Lane to the Village 1 Boundary, 2 Westbound Lanes and 1 Eastbound Lane, East of the North South Collector and 1 lane each direction after that, including traffic signals | 1000 | 1300 | 1400 |
| 4 | McBean Park Drive and State Route 193 - South Side from Ferrari Ranch Road to 900 LF past Oak Tree Lane, 1 eastbound lane | 1900 | 2100 | 2300 |
| 5 | State Route 193 - from 900 LF past Oak Tree Lane to the Village 1 Boundary, south side improvements 1 eastbound lane | 2500 | 2700 | 3000 |
| 6 | Oak Tree Lane - Ferrari Ranch Road to Virginia Town Road, 2 lanes with landscaped median, 2 lane bridge, traffic signal at Virginiatown Road and traffic signal at Ferrari Ranch Road and Oak Tree Lane | 3000 | 3200 | 3500 |
| 7 | Ferrari Ranch Road - McBean Park Drive to La Bella Rosa Entrance | As required for development | As required for development | As required for development |
| 8 | Oak Tree Lane - McBean Park Drive/State Route 193 to La Bella Rosa Entrance, 2 lanes with landscaped median and traffic signal at McBean Park Drive and Ferrari Ranch Road | As required for development | As required for development | As required for development |
| 9 | Virginiatown Road - widen south side to ultimate width | As required for development | As required for development | As required for development |
| Infrastructure Elements with No PFE Eligible Infrastructure Elements | | | | |
| 10 | Ferrari Ranch Road - La Bella Rosa Entrance to Oak Tree Lane, 2 Lanes with Landscaped Median. | By the 91st building unit in La Bella Rosa or 3 years after 1st La Bella Rosa building unit | By the 91st building unit in La Bella Rosa or 3 years after 1st La Bella Rosa building unit | By the 91st building unit in La Bella Rosa or 3 years after 1st La Bella Rosa building unit |
| 11 | Oak Tree Lane - La Bella Rosa Entrance to Ferrari Ranch Road, 2 lanes with landscaped median | 2700 | 2900 | 3200 |
| Only PFE Eligible Infrastructure Elements [1] | | | | |
| 12 | Ferrari Ranch Road - McBean Park Drive South to Existing Bridge - 2 westerly lanes including median landscaping | 500 | 900 | 1200 |
| 13 | Ferrari Ranch Road - McBean Park Drive South to Existing Bridge - Frontage landscaping on the west side of the road | 1500 | 1700 | 2000 |
| 14 | Sierra College Boulevard and Twelve Bridges Drive Intersection - traffic signal and widening as necessary for the signal operation | Dictated by Warrants | Dictated by Warrants | Dictated by Warrants |

[1] PFE Eligible Infrastructure items will be paid with available Village 1 Impact Fees collected.

[2] Assumes 1000 edu south of McBean Park Drive (limited to Village 1 projects, Excludes Crocker Knoll and VMU parcel on the corner of Oak Tree Lane and McBean Park Drive).

[3] Staff has flexibility to amend thresholds by up to 300 building permits to meet change in improvement timing based upon construction conditions or actual construction costs incurred.

[4] If available PFE funding is decreased due to allocation of money to critical facilities, then Staff shall have ability to adjust thresholds for facilities to be constructed.

APPENDIX 8
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Trails

| Engineer's Opinion of Costs Village 1 Trails Summary by Phase | |
|--|--------------------|
| Description | Trails |
| Infrastructure Costs | |
| Phase 1 | \$282,200 |
| Phase 2 | \$471,400 |
| Phase 3 | \$377,400 |
| Phase 4 | \$74,200 |
| Phase 5 | \$800,500 |
| Phase 6 | \$206,200 |
| Phase 7 | \$177,600 |
| Phase 8 | \$243,200 |
| Subtotal | \$2,632,700 |

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|--------------------|
| Village 1 - Trails | | | | | |
| Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 90880 | \$3.25 | \$295,300 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 157650 | \$3.75 | \$591,300 |
| 3 | Subgrade Prep (AC Trail) | SF | 248530 | \$0.30 | \$74,500 |
| 4 | Signing and Striping (10' ROW) | LF | 15765 | \$3.00 | \$47,300 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$1,008,400 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 226600 | \$3.75 | \$849,800 |
| 3 | Subgrade Prep (AC Trail) | SF | 226600 | \$0.30 | \$68,100 |
| 4 | Signing and Striping (10' ROW) | LF | 22660 | \$3.00 | \$68,100 |
| Subtotal Builders Trails Construction Total: | | | | | \$986,000 |
| Subtotal Trails Construction Total: | | | | | \$1,994,400 |

Contingency Based upon Hard Costs (15%): \$299,200
 Soft Costs Contingency (17%): \$339,100

TOTAL TRAILS \$2,632,700

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 1 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 14160 | \$3.25 | \$46,000 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 37600 | \$3.75 | \$141,000 |
| 3 | Subgrade Prep (AC Trail) | SF | 51760 | \$0.30 | \$15,500 |
| 4 | Signing and Striping (10' ROW) | LF | 3760 | \$3.00 | \$11,300 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$213,800 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$213,800 |

Contingency Based upon Hard Costs (15%): \$32,100

Soft Costs Contingency (17%): \$36,300

TOTAL TRAILS \$282,200

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|-------------|-----------------|-------------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 1 Ferrari Ranch Road 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 37600 | \$3.75 | \$141,000 |
| 3 | Subgrade Prep (AC Trail) | SF | 37600 | \$0.30 | \$11,300 |
| 4 | Signing and Striping (10' ROW) | LF | 3760 | \$3.00 | \$11,300 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$163,600 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$163,600 |

Contingency Based upon Hard Costs (15%): \$24,600
 Soft Costs Contingency (17%): \$27,800

TOTAL TRAILS \$216,000

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|----------------|
| Village 1 - Trails | | | | | |
| Phase 1 McBean Park Drive 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 2800 | \$3.25 | \$9,100 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 2800 | \$0.30 | \$800 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$9,900 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$9,900 |

Contingency Based upon Hard Costs (15%): \$1,500
 Soft Costs Contingency (17%): \$1,700

TOTAL TRAILS \$13,100

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 1 McBean Park Drive 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 11360 | \$3.25 | \$36,900 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 11360 | \$0.30 | \$3,400 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$40,300 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$40,300 |

| | |
|--|---------|
| Contingency Based upon Hard Costs (15%): | \$6,000 |
| Soft Costs Contingency (17%): | \$6,800 |

TOTAL TRAILS \$53,100

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 2 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 82100 | \$3.75 | \$307,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 82100 | \$0.30 | \$24,600 |
| 4 | Signing and Striping (10' ROW) | LF | 8210 | \$3.00 | \$24,600 |
| Subtotal Builders Trails Construction Total: | | | | | \$357,100 |
| Subtotal Trails Construction Total: | | | | | \$357,100 |

Contingency Based upon Hard Costs (15%): \$53,600
 Soft Costs Contingency (17%): \$60,700

TOTAL TRAILS \$471,400

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 2 Turkey Creek Estates 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 61850 | \$3.75 | \$232,000 |
| 3 | Subgrade Prep (AC Trail) | SF | 61850 | \$0.30 | \$18,500 |
| 4 | Signing and Striping (10' ROW) | LF | 6185 | \$3.00 | \$18,500 |
| Subtotal Builders Trails Construction Total: | | | | | \$269,000 |
| Subtotal Trails Construction Total: | | | | | \$269,000 |

Contingency Based upon Hard Costs (15%): \$40,400
 Soft Costs Contingency (17%): \$45,700

TOTAL TRAILS \$355,100

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 2 Hidden Hills 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 20250 | \$3.75 | \$75,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 20250 | \$0.30 | \$6,100 |
| 4 | Signing and Striping (10' ROW) | LF | 2025 | \$3.00 | \$6,100 |
| Subtotal Builders Trails Construction Total: | | | | | \$88,100 |
| Subtotal Trails Construction Total: | | | | | \$88,100 |

Contingency Based upon Hard Costs (15%): \$13,200
 Soft Costs Contingency (17%): \$15,000

TOTAL TRAILS \$116,300

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 3 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 15200 | \$3.25 | \$49,400 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 17400 | \$3.75 | \$65,300 |
| 3 | Subgrade Prep (AC Trail) | SF | 32600 | \$0.30 | \$9,800 |
| 4 | Signing and Striping (10' ROW) | LF | 1740 | \$3.00 | \$5,200 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$129,700 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 35900 | \$3.75 | \$134,600 |
| 3 | Subgrade Prep (AC Trail) | SF | 35900 | \$0.30 | \$10,800 |
| 4 | Signing and Striping (10' ROW) | LF | 3590 | \$3.00 | \$10,800 |
| Subtotal Builders Trails Construction Total: | | | | | \$156,200 |
| Subtotal Trails Construction Total: | | | | | \$285,900 |

Contingency Based upon Hard Costs (15%): \$42,900
 Soft Costs Contingency (17%): \$48,600

TOTAL TRAILS \$377,400

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 3 Ferrari Ranch Road 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 17400 | \$3.75 | \$65,300 |
| 3 | Subgrade Prep (AC Trail) | SF | 17400 | \$0.30 | \$5,300 |
| 4 | Signing and Striping (10' ROW) | LF | 1740 | \$3.00 | \$5,200 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$75,800 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$75,800 |

Contingency Based upon Hard Costs (15%): \$11,300
 Soft Costs Contingency (17%): \$13,000

TOTAL TRAILS \$100,100

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|----------------|
| Village 1 - Trails | | | | | |
| Phase 3 McBean Park Drive 3 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 2400 | \$3.25 | \$7,800 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 2400 | \$0.30 | \$700 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$8,500 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$8,500 |

Contingency Based upon Hard Costs (15%): \$1,300
 Soft Costs Contingency (17%): \$1,400

TOTAL TRAILS \$11,200

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 3 North of McBean Park Drive 4 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 12800 | \$3.25 | \$41,600 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 12800 | \$0.30 | \$3,800 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$45,400 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$45,400 |

| | |
|--|---------|
| Contingency Based upon Hard Costs (15%): | \$6,800 |
| Soft Costs Contingency (17%): | \$7,700 |

TOTAL TRAILS \$59,900

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 3 Ingram Slough 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 15700 | \$3.75 | \$58,800 |
| 3 | Subgrade Prep (AC Trail) | SF | 15700 | \$0.30 | \$4,800 |
| 4 | Signing and Striping (10' ROW) | LF | 1570 | \$3.00 | \$4,800 |
| Subtotal Builders Trails Construction Total: | | | | | \$68,400 |
| Subtotal Trails Construction Total: | | | | | \$68,400 |

Contingency Based upon Hard Costs (15%): \$10,300
 Soft Costs Contingency (17%): \$11,600

TOTAL TRAILS \$90,300

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 3 Ingram Slough 3 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 5800 | \$3.75 | \$21,800 |
| 3 | Subgrade Prep (AC Trail) | SF | 5800 | \$0.30 | \$1,700 |
| 4 | Signing and Striping (10' ROW) | LF | 580 | \$3.00 | \$1,700 |
| Subtotal Builders Trails Construction Total: | | | | | \$25,200 |
| Subtotal Trails Construction Total: | | | | | \$25,200 |

Contingency Based upon Hard Costs (15%): \$3,800
 Soft Costs Contingency (17%): \$4,300

TOTAL TRAILS \$33,300

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 3 Oak Tree Lane 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 14400 | \$3.75 | \$54,000 |
| 3 | Subgrade Prep (AC Trail) | SF | 14400 | \$0.30 | \$4,300 |
| 4 | Signing and Striping (10' ROW) | LF | 1440 | \$3.00 | \$4,300 |
| Subtotal Builders Trails Construction Total: | | | | | \$62,600 |
| Subtotal Trails Construction Total: | | | | | \$62,600 |

Contingency Based upon Hard Costs (15%): \$9,400
 Soft Costs Contingency (17%): \$10,600

TOTAL TRAILS \$82,600

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 4 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 6000 | \$3.75 | \$22,500 |
| 3 | Subgrade Prep (AC Trail) | SF | 6000 | \$0.30 | \$1,800 |
| 4 | Signing and Striping (10' ROW) | LF | 600 | \$3.00 | \$1,800 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$26,100 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 6900 | \$3.75 | \$25,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 6900 | \$0.30 | \$2,100 |
| 4 | Signing and Striping (10' ROW) | LF | 690 | \$3.00 | \$2,100 |
| Subtotal Builders Trails Construction Total: | | | | | \$30,100 |
| Subtotal Trails Construction Total: | | | | | \$56,200 |

Contingency Based upon Hard Costs (15%): \$8,400
 Soft Costs Contingency (17%): \$9,600

TOTAL TRAILS \$74,200

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 4 Regional Park 4 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 6900 | \$3.75 | \$25,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 6900 | \$0.30 | \$2,100 |
| 4 | Signing and Striping (10' ROW) | LF | 690 | \$3.00 | \$2,100 |
| Subtotal Builders Trails Construction Total: | | | | | \$30,100 |
| Subtotal Trails Construction Total: | | | | | \$30,100 |

Contingency Based upon Hard Costs (15%): \$4,500
 Soft Costs Contingency (17%): \$5,200

TOTAL TRAILS \$39,800

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 4 To Tank 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 6000 | \$3.75 | \$22,500 |
| 3 | Subgrade Prep (AC Trail) | SF | 6000 | \$0.30 | \$1,800 |
| 4 | Signing and Striping (10' ROW) | LF | 600 | \$3.00 | \$1,800 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$26,100 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$26,100 |

Contingency Based upon Hard Costs (15%): \$3,900
 Soft Costs Contingency (17%): \$4,400

TOTAL TRAILS \$34,400

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 5 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 55920 | \$3.25 | \$181,700 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 58850 | \$3.75 | \$220,700 |
| 3 | Subgrade Prep (AC Trail) | SF | 114770 | \$0.30 | \$34,400 |
| 4 | Signing and Striping (10' ROW) | LF | 5885 | \$3.00 | \$17,700 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$454,500 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 34900 | \$3.75 | \$130,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 34900 | \$0.30 | \$10,500 |
| 4 | Signing and Striping (10' ROW) | LF | 3490 | \$3.00 | \$10,500 |
| Subtotal Builders Trails Construction Total: | | | | | \$151,900 |
| Subtotal Trails Construction Total: | | | | | \$606,400 |

Contingency Based upon Hard Costs (15%): \$91,000

Soft Costs Contingency (17%): \$103,100

TOTAL TRAILS \$800,500

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 South of State Route 193 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 6080 | \$3.25 | \$19,800 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 6080 | \$0.30 | \$1,800 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$21,600 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$21,600 |

| | |
|--|---------|
| Contingency Based upon Hard Costs (15%): | \$3,200 |
| Soft Costs Contingency (17%): | \$3,700 |

TOTAL TRAILS \$28,500

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 State Route 193 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 15520 | \$3.25 | \$50,400 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 15520 | \$0.30 | \$4,700 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$55,100 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$55,100 |

Contingency Based upon Hard Costs (15%): \$8,300
 Soft Costs Contingency (17%): \$9,400

TOTAL TRAILS \$72,800

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 State Route 193 3 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 4720 | \$3.25 | \$15,300 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 4720 | \$0.30 | \$1,400 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$16,700 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$16,700 |

| | |
|--|---------|
| Contingency Based upon Hard Costs (15%): | \$2,500 |
| Soft Costs Contingency (17%): | \$2,800 |

TOTAL TRAILS \$22,000

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 State Route 193 4 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 13920 | \$3.25 | \$45,200 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 13920 | \$0.30 | \$4,200 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$49,400 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$49,400 |

Contingency Based upon Hard Costs (15%): \$7,400
 Soft Costs Contingency (17%): \$8,400

TOTAL TRAILS \$65,200

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| PFE Phase 5 State Route 193 5 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 8000 | \$3.25 | \$26,000 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 8000 | \$0.30 | \$2,400 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$28,400 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$28,400 |

| | |
|--|---------|
| Contingency Based upon Hard Costs (15%): | \$4,300 |
| Soft Costs Contingency (17%): | \$4,800 |

TOTAL TRAILS \$37,500

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 Regional Park 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 5550 | \$3.75 | \$20,800 |
| 3 | Subgrade Prep (AC Trail) | SF | 5550 | \$0.30 | \$1,700 |
| 4 | Signing and Striping (10' ROW) | LF | 555 | \$3.00 | \$1,700 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$24,200 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$24,200 |

| | |
|--|---------|
| Contingency Based upon Hard Costs (15%): | \$3,600 |
| Soft Costs Contingency (17%): | \$4,100 |

TOTAL TRAILS \$31,900

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|-------------|-----------------|-------------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 5 Regional Park 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 53300 | \$3.75 | \$199,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 53300 | \$0.30 | \$15,900 |
| 4 | Signing and Striping (10' ROW) | LF | 5330 | \$3.00 | \$16,000 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$231,800 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$231,800 |

Contingency Based upon Hard Costs (15%): \$34,800
 Soft Costs Contingency (17%): \$39,400

TOTAL TRAILS \$306,000

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 Regional Park 3 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 4150 | \$3.75 | \$15,600 |
| 3 | Subgrade Prep (AC Trail) | SF | 4150 | \$0.30 | \$1,200 |
| 4 | Signing and Striping (10' ROW) | LF | 415 | \$3.00 | \$1,200 |
| Subtotal Builders Trails Construction Total: | | | | | \$18,000 |
| Subtotal Trails Construction Total: | | | | | \$18,000 |

Contingency Based upon Hard Costs (15%): \$2,700
 Soft Costs Contingency (17%): \$3,100

TOTAL TRAILS \$23,800

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 North South Collector 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 7680 | \$3.25 | \$25,000 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 7680 | \$0.30 | \$2,300 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$27,300 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$27,300 |

Contingency Based upon Hard Costs (15%): \$4,100
 Soft Costs Contingency (17%): \$4,600

TOTAL TRAILS \$36,000

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 Ingram Slough 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 8250 | \$3.75 | \$30,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 8250 | \$0.30 | \$2,500 |
| 4 | Signing and Striping (10' ROW) | LF | 825 | \$3.00 | \$2,500 |
| Subtotal Builders Trails Construction Total: | | | | | \$35,900 |
| Subtotal Trails Construction Total: | | | | | \$35,900 |

Contingency Based upon Hard Costs (15%): \$5,400
 Soft Costs Contingency (17%): \$6,100

TOTAL TRAILS \$47,400

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 5 Ingram Slough 4 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 22500 | \$3.75 | \$84,400 |
| 3 | Subgrade Prep (AC Trail) | SF | 22500 | \$0.30 | \$6,800 |
| 4 | Signing and Striping (10' ROW) | LF | 2250 | \$3.00 | \$6,800 |
| Subtotal Builders Trails Construction Total: | | | | | \$98,000 |
| Subtotal Trails Construction Total: | | | | | \$98,000 |

Contingency Based upon Hard Costs (15%): \$14,700
 Soft Costs Contingency (17%): \$16,700

TOTAL TRAILS \$129,400

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 6 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 35900 | \$3.75 | \$134,600 |
| 3 | Subgrade Prep (AC Trail) | SF | 35900 | \$0.30 | \$10,800 |
| 4 | Signing and Striping (10' ROW) | LF | 3590 | \$3.00 | \$10,800 |
| Subtotal Builders Trails Construction Total: | | | | | \$156,200 |
| Subtotal Trails Construction Total: | | | | | \$156,200 |

Contingency Based upon Hard Costs (15%): \$23,400
 Soft Costs Contingency (17%): \$26,600

TOTAL TRAILS \$206,200

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 6 Ingram Slough 6 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 35900 | \$3.75 | \$134,600 |
| 3 | Subgrade Prep (AC Trail) | SF | 35900 | \$0.30 | \$10,800 |
| 4 | Signing and Striping (10' ROW) | LF | 3590 | \$3.00 | \$10,800 |
| Subtotal Builders Trails Construction Total: | | | | | \$156,200 |
| Subtotal Trails Construction Total: | | | | | \$156,200 |

Contingency Based upon Hard Costs (15%): \$23,400
 Soft Costs Contingency (17%): \$26,600

TOTAL TRAILS \$206,200

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 7 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 30900 | \$3.75 | \$115,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 30900 | \$0.30 | \$9,300 |
| 4 | Signing and Striping (10' ROW) | LF | 3090 | \$3.00 | \$9,300 |
| Subtotal Builders Trails Construction Total: | | | | | \$134,500 |
| Subtotal Trails Construction Total: | | | | | \$134,500 |

Contingency Based upon Hard Costs (15%): \$20,200
 Soft Costs Contingency (17%): \$22,900

TOTAL TRAILS \$177,600

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 7 Ingram Slough 5 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$0 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 30900 | \$3.75 | \$115,900 |
| 3 | Subgrade Prep (AC Trail) | SF | 30900 | \$0.30 | \$9,300 |
| 4 | Signing and Striping (10' ROW) | LF | 3090 | \$3.00 | \$9,300 |
| Subtotal Builders Trails Construction Total: | | | | | \$134,500 |
| Subtotal Trails Construction Total: | | | | | \$134,500 |

Contingency Based upon Hard Costs (15%): \$20,200
 Soft Costs Contingency (17%): \$22,900

TOTAL TRAILS \$177,600

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails | | | | | |
| Phase 8 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 5600 | \$3.25 | \$18,200 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 37800 | \$3.75 | \$141,800 |
| 3 | Subgrade Prep (AC Trail) | SF | 43400 | \$0.30 | \$13,000 |
| 4 | Signing and Striping (10' ROW) | LF | 3780 | \$3.00 | \$11,300 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$184,300 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$184,300 |

| | |
|--|----------|
| Contingency Based upon Hard Costs (15%): | \$27,600 |
| Soft Costs Contingency (17%): | \$31,300 |

TOTAL TRAILS \$243,200

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|-----------------|
| Village 1 - Trails | | | | | |
| Phase 8 Oak Tree Lane 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 5600 | \$3.25 | \$18,200 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 5600 | \$0.30 | \$1,700 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$19,900 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$19,900 |

Contingency Based upon Hard Costs (15%): \$3,000
 Soft Costs Contingency (17%): \$3,400

TOTAL TRAILS \$26,300

| Engineer's Opinion of Costs | | | | | |
|---|---------------------------------------|------|----------|------------|------------------|
| Village 1 - Trails, Landscaping and Parks | | | | | |
| Phase 8 Turkey Creek Golf Course 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Trails, Landscaping and Parks | | | | | |
| Village 1 | | | | | |
| Infrastructure Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 37800 | \$3.75 | \$141,800 |
| 3 | Subgrade Prep (AC Trail) | SF | 37800 | \$0.30 | \$11,300 |
| 4 | Signing and Striping (10' ROW) | LF | 3780 | \$3.00 | \$11,300 |
| Subtotal Infrastructure Trails Construction Total: | | | | | \$164,400 |
| Builder Trails | | | | | |
| 1 | Asphalt Trail (8' w. 3" th., +6" AB) | SF | 0 | \$3.25 | \$0 |
| 2 | Asphalt Trail (10' w. 3" th., +6" AB) | SF | 0 | \$3.75 | \$0 |
| 3 | Subgrade Prep (AC Trail) | SF | 0 | \$0.30 | \$0 |
| 4 | Signing and Striping (10' ROW) | LF | 0 | \$3.00 | \$0 |
| Subtotal Builders Trails Construction Total: | | | | | \$0 |
| Subtotal Trails Construction Total: | | | | | \$164,400 |

| | |
|--|----------|
| Contingency Based upon Hard Costs (15%): | \$24,600 |
| Soft Costs Contingency (17%): | \$27,900 |

| | |
|---------------------|------------------|
| TOTAL TRAILS | \$216,900 |
|---------------------|------------------|

APPENDIX 9
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Amenities
Element
(Non-Potable Water, Frontage
Landscape & Regional Park Land
Acquisition)

| Engineer's Opinion of Costs Village 1 Amenities Summary by Phase | |
|---|--------------------|
| Description | Amenities |
| Infrastructure Costs | |
| Phase 1 | \$1,171,500 |
| Phase 2 | \$342,600 |
| Phase 3 | \$3,080,300 |
| Phase 4 | \$390,700 |
| Phase 5 | \$563,000 |
| Phase 6 | \$164,400 |
| Phase 7 | \$184,600 |
| Phase 8 | \$0 |
| Subtotal | \$5,897,100 |

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|--------------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 22125 | \$27.00 | \$597,300 |
| 2 | 8" Non-Potable Water Line | LF | 5945 | \$30.00 | \$178,400 |
| 3 | 10" Non-Potable Water Line | LF | 2440 | \$44.00 | \$107,400 |
| 4 | 12" Non-Potable Water Line | LF | 6800 | \$45.00 | \$306,100 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 4 | \$25,000.00 | \$100,000 |
| 6 | Frontage Landscaping | SF | 194200 | \$4.50 | \$874,000 |
| 7 | Water Valves (Assume every 500') | EA | 73 | \$2,500.00 | \$182,500 |
| 8 | Booster Pump | EA | 2 | \$75,000.00 | \$150,000 |
| 9 | Pumping Station* / Filtration / Standpipe | EA | 1 | \$350,000.00 | \$350,000 |
| 10 | Flushing Hydrant (End of Line) | EA | 3 | \$6,000.00 | \$18,000 |
| 11 | Intake | EA | 1 | \$45,000.00 | \$45,000 |
| 12 | De-chlorination Station | EA | 1 | \$75,000.00 | \$75,000 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 1 | \$50,000.00 | \$50,000 |
| 14 | NID Water Diversion Gate | EA | 1 | \$15,000.00 | \$15,000 |
| 15 | Lake Grading | CY | 109715 | \$3.75 | \$411,400 |
| 16 | Lake Stabilization | SF | 301710 | \$1.33 | \$401,300 |
| Construction Total: | | | | | \$3,861,400 |

Contingency Based upon Hard Costs (15%): \$579,200

Soft Costs Contingency (17%): \$656,500

Regional Park Acquisition** \$800,000

TOTAL AMENITIES \$5,897,100

* Assumes NID jurisdiction has expanded, therefore no additional Pumping Station is required near Regional Park.

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|------------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Phase 1 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 6220 | \$27.00 | \$167,900 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 2440 | \$44.00 | \$107,400 |
| 4 | 12" Non-Potable Water Line | LF | 4950 | \$45.00 | \$222,800 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 3 | \$25,000.00 | \$75,000 |
| 6 | Frontage Landscaping | SF | 35750 | \$4.50 | \$160,900 |
| 7 | Water Valves (Assume every 500') | EA | 29 | \$2,500.00 | \$72,500 |
| 8 | Booster Pump | EA | 1 | \$75,000.00 | \$75,000 |
| 9 | Pumping Station* / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 1 | \$6,000.00 | \$6,000 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$887,500 |

Contingency Based upon Hard Costs (15%): \$133,100

Soft Costs Contingency (17%): \$150,900

Regional Park Acquisition \$0

TOTAL AMENITIES \$1,171,500

* Assumes NID jurisdiction has expanded, therefore no additional Pumping Station is required near Regional Park.

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|------------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Phase 1 Ferrari Ranch Road 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 1370 | \$27.00 | \$37,000 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 1 | \$25,000.00 | \$25,000 |
| 6 | Frontage Landscaping | SF | 21750 | \$4.50 | \$97,900 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station* / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$167,400 |

Contingency Based upon Hard Costs (15%): \$25,100

Soft Costs Contingency (17%): \$28,500

Regional Park Acquisition \$0

TOTAL AMENITIES \$221,000

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition Phase 1 McBean Park Drive 1 | | | | | |
|---|---|------|----------|--------------|-----------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 300 | \$45.00 | \$13,500 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 1 | \$2,500.00 | \$2,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$16,000 |

Contingency Based upon Hard Costs (15%): \$2,400

Soft Costs Contingency (17%): \$2,700

Regional Park Acquisition \$0

TOTAL AMENITIES \$21,100

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition Phase 1 McBean Park Drive 2 | | | | | |
|---|---|------|----------|--------------|-----------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 1420 | \$45.00 | \$63,900 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$71,400 |

Contingency Based upon Hard Costs (15%): \$10,700

Soft Costs Contingency (17%): \$12,100

Regional Park Acquisition \$0

TOTAL AMENITIES **\$94,200**

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 1 McBean Park Drive 3

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 1960 | \$45.00 | \$88,200 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 1 | \$25,000.00 | \$25,000 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 4 | \$2,500.00 | \$10,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$123,200 |

Contingency Based upon Hard Costs (15%): \$18,500

Soft Costs Contingency (17%): \$20,900

Regional Park Acquisition \$0

TOTAL AMENITIES \$162,600

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 1 State Route 193 1

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 850 | \$27.00 | \$23,000 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 2 | \$2,500.00 | \$5,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$28,000 |

Contingency Based upon Hard Costs (15%): \$4,200

Soft Costs Contingency (17%): \$4,800

Regional Park Acquisition \$0

TOTAL AMENITIES \$37,000

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 1 State Route 193 2

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 1340 | \$27.00 | \$36,200 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$43,700 |

Contingency Based upon Hard Costs (15%): \$6,600

Soft Costs Contingency (17%): \$7,400

Regional Park Acquisition \$0

TOTAL AMENITIES \$57,700

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 1 State Route 193 3

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 2660 | \$27.00 | \$71,700 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 5 | \$2,500.00 | \$12,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 1 | \$6,000.00 | \$6,000 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$90,200 |

| | |
|---|------------------|
| Contingency Based upon Hard Costs (15%): | \$13,500 |
| Soft Costs Contingency (17%): | \$15,300 |
| Regional Park Acquisition | \$0 |
| TOTAL AMENITIES | \$119,000 |

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 1 Oak Tree Lane 6

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 2440 | \$44.00 | \$107,400 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 14000 | \$4.50 | \$63,000 |
| 7 | Water Valves (Assume every 500') | EA | 5 | \$2,500.00 | \$12,500 |
| 8 | Booster Pump | EA | 1 | \$75,000.00 | \$75,000 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$257,900 |

Contingency Based upon Hard Costs (15%): \$38,600

Soft Costs Contingency (17%): \$44,000

Regional Park Acquisition \$0

TOTAL AMENITIES \$340,500

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 1 Oak Tree Lane 7

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 1270 | \$45.00 | \$57,200 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 1 | \$25,000.00 | \$25,000 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$89,700 |

Contingency Based upon Hard Costs (15%): \$13,500

Soft Costs Contingency (17%): \$15,200

Regional Park Acquisition \$0

TOTAL AMENITIES \$118,400

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 2 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 870 | \$27.00 | \$23,500 |
| 2 | 8" Non-Potable Water Line | LF | 2270 | \$30.00 | \$68,100 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 35100 | \$4.50 | \$158,000 |
| 7 | Water Valves (Assume every 500') | EA | 4 | \$2,500.00 | \$10,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$259,600 |

Contingency Based upon Hard Costs (15%): \$38,900

Soft Costs Contingency (17%): \$44,100

Regional Park Acquisition \$0

TOTAL AMENITIES \$342,600

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 2 Ferrari Ranch Road 3

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 35100 | \$4.50 | \$158,000 |
| 7 | Water Valves (Assume every 500') | EA | 0 | \$2,500.00 | \$0 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$158,000 |

Contingency Based upon Hard Costs (15%): \$23,700

Soft Costs Contingency (17%): \$26,900

Regional Park Acquisition \$0

TOTAL AMENITIES \$208,600

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 2 Regional Park 1

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 870 | \$27.00 | \$23,500 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 0 | \$2,500.00 | \$0 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$23,500 |

Contingency Based upon Hard Costs (15%): \$3,500

Soft Costs Contingency (17%): \$4,000

Regional Park Acquisition \$0

TOTAL AMENITIES \$31,000

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 2 Oak Tree Lane 4

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 1720 | \$30.00 | \$51,600 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$59,100 |

| | |
|---|-----------------|
| Contingency Based upon Hard Costs (15%): | \$8,800 |
| Soft Costs Contingency (17%): | \$10,000 |
| Regional Park Acquisition | \$0 |
| TOTAL AMENITIES | \$77,900 |

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition Phase 2 Oak Tree Lane 5 | | | | | |
|---|---|------|----------|--------------|-----------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 550 | \$30.00 | \$16,500 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 1 | \$2,500.00 | \$2,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$19,000 |

Contingency Based upon Hard Costs (15%): \$2,900

Soft Costs Contingency (17%): \$3,200

Regional Park Acquisition \$0

TOTAL AMENITIES \$25,100

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|--------------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Phase 3 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 700 | \$27.00 | \$18,900 |
| 2 | 8" Non-Potable Water Line | LF | 3675 | \$30.00 | \$110,300 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 1850 | \$45.00 | \$83,300 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 43300 | \$4.50 | \$194,900 |
| 7 | Water Valves (Assume every 500') | EA | 12 | \$2,500.00 | \$30,000 |
| 8 | Booster Pump | EA | 1 | \$75,000.00 | \$75,000 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 1 | \$350,000.00 | \$350,000 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 1 | \$45,000.00 | \$45,000 |
| 12 | De-chlorination Station | EA | 1 | \$75,000.00 | \$75,000 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 1 | \$50,000.00 | \$50,000 |
| 14 | NID Water Diversion Gate | EA | 1 | \$15,000.00 | \$15,000 |
| 15 | Lake Grading | CY | 109715 | \$3.75 | \$411,400 |
| 16 | Lake Stabilization | SF | 301710 | \$1.33 | \$401,300 |
| Construction Total: | | | | | \$1,860,100 |

Contingency Based upon Hard Costs (15%): \$279,000

Soft Costs Contingency (17%): \$316,200

Regional Park Acquisition \$625,000

TOTAL AMENITIES \$3,080,300

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 3 Ferrari Ranch Road 4

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 17250 | \$4.50 | \$77,600 |
| 7 | Water Valves (Assume every 500') | EA | 0 | \$2,500.00 | \$0 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$77,600 |

Contingency Based upon Hard Costs (15%): \$11,600
Soft Costs Contingency (17%): \$13,200
Regional Park Acquisition \$0

TOTAL AMENITIES \$102,400

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 3 Ferrari Ranch Road 5

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 700 | \$27.00 | \$18,900 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 9900 | \$4.50 | \$44,600 |
| 7 | Water Valves (Assume every 500') | EA | 1 | \$2,500.00 | \$2,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$66,000 |

Contingency Based upon Hard Costs (15%): \$9,900

Soft Costs Contingency (17%): \$11,200

Regional Park Acquisition \$0

TOTAL AMENITIES \$87,100

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 3 Oak Tree Lane 3

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 1470 | \$30.00 | \$44,100 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 1 | \$75,000.00 | \$75,000 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$126,600 |

Contingency Based upon Hard Costs (15%): \$19,000

Soft Costs Contingency (17%): \$21,500

Regional Park Acquisition \$0

TOTAL AMENITIES \$167,100

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 3 Oak Tree Lane 8

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|--------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 1850 | \$45.00 | \$83,300 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 10400 | \$4.50 | \$46,800 |
| 7 | Water Valves (Assume every 500') | EA | 4 | \$2,500.00 | \$10,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station* / Filtration / Standpipe | EA | 1 | \$350,000.00 | \$350,000 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 1 | \$45,000.00 | \$45,000 |
| 12 | De-chlorination Station | EA | 1 | \$75,000.00 | \$75,000 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 1 | \$50,000.00 | \$50,000 |
| 14 | NID Water Diversion Gate | EA | 1 | \$15,000.00 | \$15,000 |
| 15 | Lake Grading | CY | 109715 | \$3.75 | \$411,400 |
| 16 | Lake Stabilization | SF | 301710 | \$1.33 | \$401,300 |
| Construction Total: | | | | | \$1,487,800 |

Contingency Based upon Hard Costs (15%): \$223,200

Soft Costs Contingency (17%): \$252,900

Regional Park Acquisition \$0

TOTAL AMENITIES \$1,963,900

* Assumes NID jurisdiction has expanded, therefore no additional Pumping Station is required near Regional Park.

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 3 Oak Tree Lane 9

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 1240 | \$30.00 | \$37,200 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 13200 | \$4.50 | \$59,400 |
| 7 | Water Valves (Assume every 500') | EA | 2 | \$2,500.00 | \$5,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$101,600 |

Contingency Based upon Hard Costs (15%): \$15,200

Soft Costs Contingency (17%): \$17,300

Regional Park Acquisition \$0

TOTAL AMENITIES \$134,100

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 3 Oak Tree Lane 10

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 965 | \$30.00 | \$29,000 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 9800 | \$4.50 | \$44,100 |
| 7 | Water Valves (Assume every 500') | EA | 2 | \$2,500.00 | \$5,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$78,100 |

Contingency Based upon Hard Costs (15%): \$11,700

Soft Costs Contingency (17%): \$13,300

Regional Park Acquisition \$0

TOTAL AMENITIES \$103,100

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 4 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 5125 | \$27.00 | \$138,400 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 10 | \$2,500.00 | \$25,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$163,400 |

Contingency Based upon Hard Costs (15%): \$24,500

Soft Costs Contingency (17%): \$27,800

Regional Park Acquisition \$175,000

TOTAL AMENITIES \$390,700

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|-----------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Phase 4 Oak Tree Lane 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 1620 | \$27.00 | \$43,700 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$51,200 |

Contingency Based upon Hard Costs (15%): \$7,700

Soft Costs Contingency (17%): \$8,700

Regional Park Acquisition \$0

TOTAL AMENITIES \$67,600

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 4 North South Collector 1

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 985 | \$27.00 | \$26,600 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 2 | \$2,500.00 | \$5,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$31,600 |

Contingency Based upon Hard Costs (15%): \$4,700

Soft Costs Contingency (17%): \$5,400

Regional Park Acquisition \$0

TOTAL AMENITIES \$41,700

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 4 Collector Loop 1

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 2520 | \$27.00 | \$68,100 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 5 | \$2,500.00 | \$12,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$80,600 |

Contingency Based upon Hard Costs (15%): \$12,100

Soft Costs Contingency (17%): \$13,700

Regional Park Acquisition \$0

TOTAL AMENITIES \$106,400

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition Phase 5 Summary | | | | | |
|---|---|------|----------|--------------|------------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 2920 | \$27.00 | \$78,800 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 72600 | \$4.50 | \$326,700 |
| 7 | Water Valves (Assume every 500') | EA | 6 | \$2,500.00 | \$15,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 1 | \$6,000.00 | \$6,000 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$426,500 |

Contingency Based upon Hard Costs (15%): \$64,000

Soft Costs Contingency (17%): \$72,500

Regional Park Acquisition \$0

TOTAL AMENITIES \$563,000

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 5 Oak Tree Lane 1

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 670 | \$27.00 | \$18,100 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 60900 | \$4.50 | \$274,000 |
| 7 | Water Valves (Assume every 500') | EA | 1 | \$2,500.00 | \$2,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 1 | \$6,000.00 | \$6,000 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$300,600 |

Contingency Based upon Hard Costs (15%): \$45,000

Soft Costs Contingency (17%): \$51,000

Regional Park Acquisition \$0

TOTAL AMENITIES \$396,600

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|-----------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Phase 5 Sierra College Blvd. 1 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 5700 | \$4.50 | \$25,700 |
| 7 | Water Valves (Assume every 500') | EA | 0 | \$2,500.00 | \$0 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$25,700 |

Contingency Based upon Hard Costs (15%): \$3,900

Soft Costs Contingency (17%): \$4,400

Regional Park Acquisition \$0

TOTAL AMENITIES **\$34,000**

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 5 Sierra College Blvd. 2

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 0 | \$27.00 | \$0 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 6000 | \$4.50 | \$27,000 |
| 7 | Water Valves (Assume every 500') | EA | 0 | \$2,500.00 | \$0 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$27,000 |

Contingency Based upon Hard Costs (15%): \$4,100

Soft Costs Contingency (17%): \$4,600

Regional Park Acquisition \$0

TOTAL AMENITIES \$35,700

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|-----------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Phase 5 North South Collector 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 1350 | \$27.00 | \$36,500 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$44,000 |

Contingency Based upon Hard Costs (15%): \$6,600

Soft Costs Contingency (17%): \$7,500

Regional Park Acquisition \$0

TOTAL AMENITIES \$58,100

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|-----------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Phase 5 Collector Loop 2 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 900 | \$27.00 | \$24,200 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 2 | \$2,500.00 | \$5,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$29,200 |

Contingency Based upon Hard Costs (15%): \$4,400

Soft Costs Contingency (17%): \$5,000

Regional Park Acquisition \$0

TOTAL AMENITIES \$38,600

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 6 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 3870 | \$27.00 | \$104,500 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 8 | \$2,500.00 | \$20,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$124,500 |

Contingency Based upon Hard Costs (15%): \$18,700

Soft Costs Contingency (17%): \$21,200

Regional Park Acquisition \$0

TOTAL AMENITIES \$164,400

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition Phase 6 Collector Loop 3 | | | | | |
|--|---|------|----------|--------------|------------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 3870 | \$27.00 | \$104,500 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 8 | \$2,500.00 | \$20,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$124,500 |

Contingency Based upon Hard Costs (15%): \$18,700

Soft Costs Contingency (17%): \$21,200

Regional Park Acquisition \$0

TOTAL AMENITIES \$164,400

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 7 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|------------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 2420 | \$27.00 | \$65,300 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 1 | \$25,000.00 | \$25,000 |
| 6 | Frontage Landscaping | SF | 7450 | \$4.50 | \$33,500 |
| 7 | Water Valves (Assume every 500') | EA | 4 | \$2,500.00 | \$10,000 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 1 | \$6,000.00 | \$6,000 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$139,800 |

Contingency Based upon Hard Costs (15%): \$21,000

Soft Costs Contingency (17%): \$23,800

Regional Park Acquisition \$0

TOTAL AMENITIES \$184,600

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

| Engineer's Opinion of Costs | | | | | |
|---|---|-------------|-----------------|-------------------|-----------------|
| Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| Phase 7 Oak Tree Lane 11 | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 1520 | \$27.00 | \$41,000 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 7450 | \$4.50 | \$33,500 |
| 7 | Water Valves (Assume every 500') | EA | 3 | \$2,500.00 | \$7,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 1 | \$6,000.00 | \$6,000 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$88,000 |

Contingency Based upon Hard Costs (15%): \$13,200

Soft Costs Contingency (17%): \$15,000

Regional Park Acquisition \$0

TOTAL AMENITIES \$116,200

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 7 Virginiatown Road 1

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 200 | \$27.00 | \$5,400 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 1 | \$25,000.00 | \$25,000 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 0 | \$2,500.00 | \$0 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$30,400 |

Contingency Based upon Hard Costs (15%): \$4,600

Soft Costs Contingency (17%): \$5,100

Regional Park Acquisition \$0

TOTAL AMENITIES \$40,100

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 7 Virginiatown Road 2

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|-----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 600 | \$27.00 | \$16,200 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 1 | \$2,500.00 | \$2,500 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$18,700 |

Contingency Based upon Hard Costs (15%): \$2,800

Soft Costs Contingency (17%): \$3,200

Regional Park Acquisition \$0

TOTAL AMENITIES \$24,700

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

Engineer's Opinion of Costs
Village 1 - Amenities - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition
Phase 7 Virginiatown Road 3

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|---|---|------|----------|--------------|----------------|
| AMENITIES - Includes Non-Potable Water, Frontage Landscaping & Regional Park Acquisition | | | | | |
| 1 | 6" Non-Potable Water Line | LF | 100 | \$27.00 | \$2,700 |
| 2 | 8" Non-Potable Water Line | LF | 0 | \$30.00 | \$0 |
| 3 | 10" Non-Potable Water Line | LF | 0 | \$44.00 | \$0 |
| 4 | 12" Non-Potable Water Line | LF | 0 | \$45.00 | \$0 |
| 5 | Temporary Connection to Domestic w/ Backflow Prevention | EA | 0 | \$25,000.00 | \$0 |
| 6 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 7 | Water Valves (Assume every 500') | EA | 0 | \$2,500.00 | \$0 |
| 8 | Booster Pump | EA | 0 | \$75,000.00 | \$0 |
| 9 | Pumping Station / Filtration / Standpipe | EA | 0 | \$350,000.00 | \$0 |
| 10 | Flushing Hydrant (End of Line) | EA | 0 | \$6,000.00 | \$0 |
| 11 | Intake | EA | 0 | \$45,000.00 | \$0 |
| 12 | De-chlorination Station | EA | 0 | \$75,000.00 | \$0 |
| 13 | Lake Aeration - Oak Tree Lane (Walkup Ranch) | EA | 0 | \$50,000.00 | \$0 |
| 14 | NID Water Diversion Gate | EA | 0 | \$15,000.00 | \$0 |
| 15 | Lake Grading | CY | 0 | \$3.75 | \$0 |
| 16 | Lake Stabilization | SF | 0 | \$1.33 | \$0 |
| Construction Total: | | | | | \$2,700 |

Contingency Based upon Hard Costs (15%): \$400

Soft Costs Contingency (17%): \$500

Regional Park Acquisition \$0

TOTAL AMENITIES **\$3,600**

** Assumes Regional Park to be purchased in 2 phases; First Phase will be 28.6 acres. If Placer County elects to relocate corporation yard, then remaining 4 acres will be purchased.

APPENDIX 10
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
PFE Construction Items Table, PFE
Maps and City Impact Fees

| Engineer's Opinion of Costs Village 1 PFE Eligible Construction Items Backbone Roadway | | | |
|---|--|--|-------------|
| Item # | Improvement | Description | Total Cost |
| Backbone Roadway System | | | |
| V1R1 | Ferrari Ranch Road South | Along Ferrari Ranch Road South from the existing bridge east of Lincoln Blvd. to McBean Park Drive, 2 lanes, median landscaping and 2 traffic signals at Ingram Parkway and Sun City Blvd. | \$3,603,100 |
| V1R2 | Ferrari Ranch Road/McBean Park Drive Intersection Traffic Signal | Including full signal appurtenances and associated pavement widening and necessary intersection revisions. | \$642,500 |
| V1R3 | Ferrari Ranch Road North | From the intersection of McBean Park Drive and Ferrari Ranch Road north to the end of the transition from a 4 lane road to 2 lane road, 2 inside lanes and transition. | \$245,800 |
| V1R4 | Oak Tree Lane/Sierra College Boulevard Intersection Traffic Signal | Including full signal appurtenances and associated pavement widening. | \$1,826,100 |
| V1R5 | Oak Tree Lane South | In addition to V1R6, west side of Oak Tree Lane South from the southern boundary of the condo parcel to the southeast corner of the church parcel, 1 lane, curb gutter & sidewalk, 1/2 median landscaping and frontage landscaping | \$526,200 |
| V1R6 | Oak Tree Lane South | Along west side of Oak Tree Lane South in front of existing condo parcel, 1 lane, curb gutter & sidewalk, 1/2 median landscaping and frontage landscaping. | \$237,100 |
| V1R7 | Oak Tree Lane/McBean Park Drive Intersection Traffic Signal | Including full signal appurtenances and associated pavement widening. | \$713,800 |
| V1R8 | Oak Tree Lane North | From the intersection of Oak Tree Lane and McBean Park Drive north to the entrance of La Bella Rosa Subdivision, 2 inside lanes, 12'x5' Arch Pipe Culvert under PFE inside lanes at NID canal crossing. | \$716,700 |
| V1R9 | Oak Tree Lane/School South Entrance Intersection Traffic Signal | Including full signal appurtenances and associated pavement widening. | \$455,500 |
| V1R10 | Oak Tree Lane/School North Entrance Intersection Traffic Signal | Including full signal appurtenances and associated pavement widening. | \$455,300 |
| V1R11 | Oak Tree Lane North | From entrance to La Bella Rosa Subdivision to the intersection of Ferrari Ranch Road and Oak Tree Lane, 2 inside lanes | \$172,300 |
| V1R12 | Oak Tree Lane/Ferrari Ranch Road Intersection Traffic Signal | Including full signal appurtenances and associated pavement widening. | \$387,800 |
| V1R13 | Oak Tree Lane North | 2-lane box girder bridge across Auburn Ravine, with span of approximately 400 LF includes abutments and approaches. | \$7,260,100 |
| V1R14 | Oak Tree Lane North | From north end of bridge to the intersection of Virginiatown Road, 2 inside lanes. | \$821,200 |

Engineer's Opinion of Costs
Village 1 PFE Eligible Construction Items
Backbone Roadway

| Item # | Improvement | Description | Total Cost |
|--------------------------------|---|---|---------------------|
| Backbone Roadway System | | | |
| V1R15 | Oak Tree Lane North | From the intersection of Oak Tree Lane and Virginiatown Road, south along the west side of Oak Tree Lane North to the southeast corner of the City property, 1 lane, curb, gutter and sidewalk. | \$250,700 |
| V1R16 | Virginiatown Road | From the intersection of Oak Tree Lane and Virginiatown Road, west along the south side of Virginiatown Road to the northwest corner of the City property, 1 lane. | \$286,300 |
| V1R17 | McBean Park Drive | South side of McBean Park Drive between west side of Ferrari Ranch Road and Oak Tree Lane, 1 lane, NEV lane, 1/2 median landscaping and frontage Landscaping (35' wide overall City may elect to spread or disburse over entire width of landscape corridor). | \$1,068,800 |
| V1R18 | State Route 193 | South side of State Route 193 from Oak Tree Lane to east of the Collector/Turkey Creek intersection, 1 outside lane, including transition and AB shoulder. | \$584,500 |
| V1R19 | McBean Park Drive | From the intersection of Ferrari Ranch Road and McBean Park Drive to intersection of Oak Tree Lane and McBean Park Drive, 2 lanes. | \$1,171,600 |
| V1R20 | State Route 193 | North side of State Route 193 from Oak Tree Lane to east of the Collector/Turkey Creek intersection, 1 outside lane, including transition and AB shoulder. | \$484,500 |
| V1R21 | State Route 193/North South Collector Intersection Traffic Signal | Including full signal appurtenances and associated pavement widening. | \$432,100 |
| Total | | | \$22,342,000 |

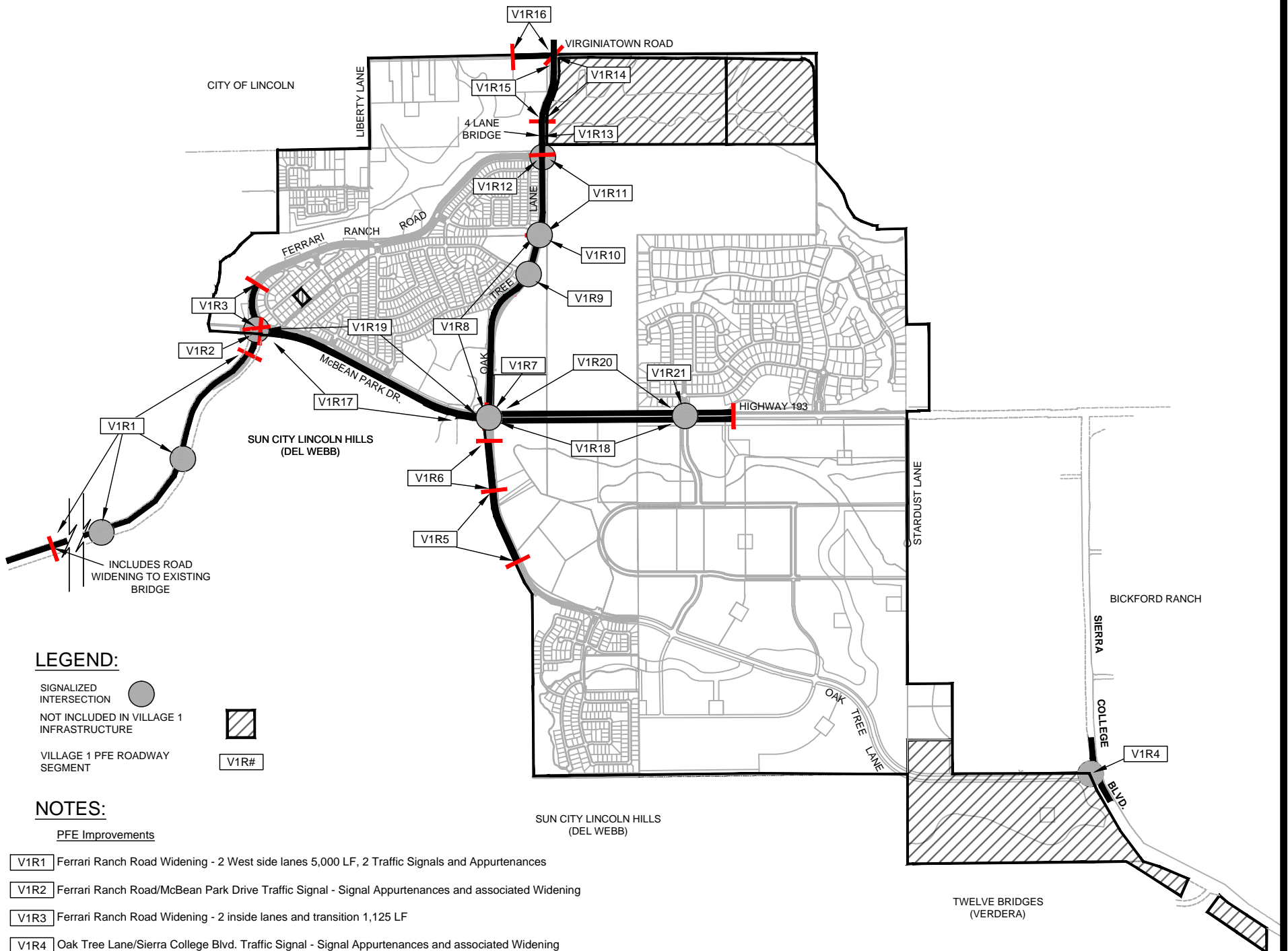
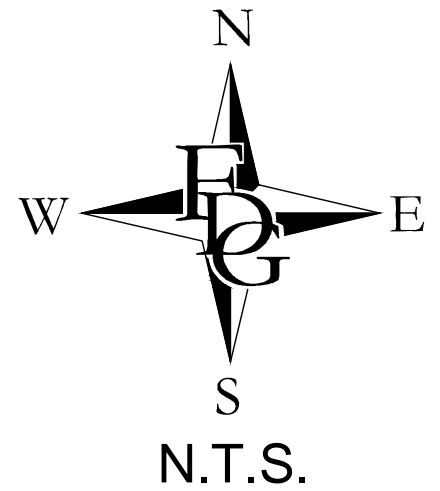
| Engineer's Opinion of Costs | | | |
|--|--------------------|---|---------------------|
| Village 1 PFE Eligible Construction Items | | | |
| Backbone Water | | | |
| Item # | Improvement | Description | Total Cost |
| Water System | | | |
| V1W1 | 30" Water Line | From the water tank south of Village 1 to Oak Tree Lane South, upsize from 16" water line. | \$ 273,100 |
| V1W2 | 30" Water Line | From W1, east along Oak Tree Lane South to the entrance of the Hidden Hills subdivision, upsize from 16" water line. | \$ 448,500 |
| V1W3 | 30" Water Line | Along Oak Tree Lane South, from the entrance of the Hidden Hills subdivision to the connection with the proposed 24" water line, upsize from 16" water line. | \$ 147,800 |
| V1W4 | 18" Water Line | Along Oak Tree Lane South, from the end of the 30" pipe to the intersection of Oak Tree Lane and McBean Park Drive, upsize from 16" water line. | \$ 65,800 |
| V1W5 | 24" Water Line | Relocate 24" Waterline in the area of the new culvert crossing of Oak Tree Lane approximately 200 LF | \$ 17,200 |
| V1W6 | 24" Water Line | Along Oak Tree Lane North from Oak Tree Lane and McBean Park Drive intersection to the entrance to La Bella Rosa subdivision, upsize from 16" water line. | \$ 332,300 |
| V1W7 | 24" Water Line | Along Oak Tree Lane North, from the entrance to La Bella Rosa subdivision to Ferrari Ranch Road and Oak Tree Lane intersection, upsize from 16" water line. | \$ 105,400 |
| V1W8 | 18" Water Line | Along Oak Tree Lane North, from the intersection of Ferrari Ranch Road and Oak Tree Lane to Virginiatown Road, upsize from 16" water line. | \$ 194,700 |
| V1W9 | 18" Water Line | Along Virginiatown Road from the end of the existing 18" water line, east to 600 LF past the intersection of Oak Tree Lane and Virginiatown Road, upsize from 16" water line. | \$ 35,700 |
| V1W10 | 18" Water Line | Along State Route 193, east from Oak Tree Lane to east entrance of Turkey Creek Estates upsize from 16" water line. | \$ 115,200 |
| Total | | | \$ 1,735,700 |

| Engineer's Opinion of Costs | | | |
|--|--------------------|---|-------------------|
| Village 1 PFE Eligible Construction Items | | | |
| Backbone Wastewater | | | |
| Item # | Improvement | Description | Total Cost |
| Wastewater System | | | |
| V1S1 | 30" Sewer Line | Along Ferrari Ranch Road North from the existing sewer at Ferrari Ranch Road and McBean Park Drive intersection, to the entrance to the bore and jack crossing, upsize from 12" sewer line. | \$ 362,000 |
| V1S2 | 24" Sewer Line | Along Ferrari Ranch Road North, from the bore and jack crossing to southwest boundary of La Bella Rosa subdivision, upsize from 10" sewer line. | \$ 194,800 |
| V1S3 | 24" Sewer Line | Along Ferrari Ranch Road North, from the southwest corner of La Bella Rosa subdivision to the intersection of Ferrari Ranch Road and Oak Tree Lane, full improvement cost. | \$ 434,800 |
| Total | | | \$ 991,600 |

| Engineer's Opinion of Costs | | | |
|---|-------------------|---|---------------------|
| Village 1 PFE Eligible Construction Items | | | |
| Backbone Drainage | | | |
| Item # | Improvement | Description | Total Cost |
| Storm Drainage System | | | |
| V1D1 | Ingram Slough Dam | Improve the existing dam, located east of Oak Tree Lane South; which benefits Lincoln Hills in addition to Village 1. | \$ 1,320,000 |
| Total | | | \$ 1,320,000 |

| Engineer's Opinion of Costs Village 1 PFE Eligible Construction Items Frontage Landscaping | | | |
|---|--------------------------|---|--------------------|
| Item # | Improvement | Description | Total Cost |
| Frontage Landscaping | | | |
| V1FL1 | Ferrari Ranch Road South | Along Ferrari Ranch Road South from the existing bridge east of Lincoln Blvd. to McBean Park Drive, 5,000 LF of landscaping. | \$297,100 |
| V1FL 2 | McBean Park Drive | South side of McBean Park Drive between west side of Ferrari Ranch Road and Oak Tree Lane, 3,760 LF of landscaping along Sun City Lincoln Hills. | \$763,000 |
| V1FL 3 | Oak Tree Lane South | Along west side of Oak Tree Lane South in front of existing condo parcel, frontage landscaping. | \$45,800 |
| V1FL 4 | Oak Tree Lane South | In addition to the FL3, west side of Oak Tree Lane South from the southern boundary of the condo parcel to the southeast corner of the church parcel, frontage landscaping. | \$102,300 |
| V1FL 5 | Oak Tree Lane North | From the intersection of Oak Tree Lane and Virginiatown Road, south along the west side of Oak Tree Lane North to the southeast corner of the City property. | \$11,500 |
| V1FL 6 | Virginiatown Road | From the intersection of Oak Tree Lane and Virginiatown Road, west along the south side of Virginiatown Road to the northwest corner of the City property. | \$17,800 |
| Total | | | \$1,237,500 |

| Engineer's Opinion of Costs | | | |
|--|--------------------|--|---------------------|
| Village 1 PFE Eligible Construction Items | | | |
| Trails | | | |
| Item # | Improvement | Description | Total Cost |
| Trails System | | | |
| V1TR1 | 10' Wide Trail | Along Ferrari Ranch Road North from the Ferrari Ranch Road and McBean Park Drive intersection to Ferrari Ranch Road and the La Bella Rosa subdivision entrance. Asphalt trail and striping, 3,760 LF. | \$ 216,000 |
| V1TR2 | 10' Wide Trail | Along Ferrari Ranch Road North from the entrance to La Bella Rosa subdivision to the intersection of Ferrari Ranch Road and Oak Tree Lane, Asphalt trail and striping. 1,710 LF. | \$ 126,400 |
| V1TR3 | 8' Wide Trail | Along McBean Park Drive from the Ferrari Ranch Road and McBean Park Drive intersection to the southeast corner of the Epick 3 subdivision, Asphalt trail, 350 LF. | \$ 13,100 |
| V1TR4 | 8' Wide Trail | Along McBean Park Drive from the southeast corner of the Epick 3 subdivision to the southeast corner of the Enclave at Horizon Edge subdivision, Asphalt trail, 1420 LF. | \$ 53,200 |
| V1TR5 | 8' Wide Trail | Along McBean Park Drive from the southeast corner of the Enclave at Horizon Edge subdivision to the entrance to the Walkup Ranch subdivision, Asphalt Trail, 300 LF. | \$ 11,200 |
| V1TR6 | 8' Wide Trail | Along McBean Park Drive, from the entrance to Walkup Ranch subdivision to the McBean Park Drive and Oak Tree Lane intersection, Asphalt Trail, 1,600 LF. | \$ 59,900 |
| V1TR7 | 8' Wide Trail | Along the south side of State Route 193, from the intersection of Oak Tree Lane and State Route 193 to the northeast corner of APN: 021—274-033 (Highmark parcel), Asphalt Trail, 760 LF. | \$ 28,500 |
| V1TR8 | 8' Wide Trail | Along the south side of State Route 193, from the northeast corner of APN: 021—274-033 (Highmark parcel), to the North/South Collector Road, Asphalt trail, 1,940 LF. | \$ 72,800 |
| V1TR9 | 8' Wide Trail | Along the south side of State Route 193, from the North/South Collector Road to 590 LF east of the North/ South Collector Road. Asphalt trail, 590 LF. | \$ 22,000 |
| V1TR10 | 8' Wide Trail | Along the south side of State Route 193, from 590 LF east of the North/South Collector Road to the northwest corner of APN: 021-274-037. Asphalt Trail, 1,740 LF. | \$ 65,200 |
| V1TR11 | 8' Wide Trail | Along the south side of State Route 193, from the northwest corner of APN: 021-274-037 to the eastern boundary of Village 1. Asphalt Trail, 1,000 LF. | \$ 37,500 |
| V1TR12 | 10' Wide Trail | Connecting Oak Tree Lane South with the proposed North/South Collector Road. This trail will also go around the existing lake feature located near the Regional Park. Asphalt Trail and striping, 5,885 LF | \$ 338,000 |
| V1TR13 | 10' Wide Trail | Through the proposed park connecting the North and South Collector Road. Asphalt trail and striping, 960 LF | \$ 36,000 |
| V1TR14 | 10' Wide Trail | At the southern border of Village 1 (near the existing water tank) to connect the existing trail system to Village 1. Asphalt trail and striping. 600 LF. | \$ 34,400 |
| V1TR15 | 8' Wide Trail | From Oak Tree Lane North to the eastern Village 1 boundary across the top of the Turkey Creek Golf Course. Asphalt Trail, 3,780 LF. | \$ 216,900 |
| Total | | | \$ 1,331,100 |



LEGEND:

- SIGNALIZED INTERSECTION
- NOT INCLUDED IN VILLAGE 1 INFRASTRUCTURE
- VILLAGE 1 PFE ROADWAY SEGMENT

NOTES:

PFE Improvements

- V1R1 Ferrari Ranch Road Widening - 2 West side lanes 5,000 LF, 2 Traffic Signals and Appurtenances
- V1R2 Ferrari Ranch Road/McBean Park Drive Traffic Signal - Signal Appurtenances and associated Widening
- V1R3 Ferrari Ranch Road Widening - 2 inside lanes and transition 1,125 LF
- V1R4 Oak Tree Lane/Sierra College Blvd. Traffic Signal - Signal Appurtenances and associated Widening
- V1R5 Oak Tree Lane Widening - 1 Lane, 1/2 Median Landscaping, Frontage Landscaping 1,230 LF
- V1R6 Oak Tree Lane Widening - 1 Lane, 1/2 Median Landscaping, Frontage Landscaping 550 LF
- V1R7 Oak Tree Lane/McBean Park Drive Traffic Signal - Signal Appurtenances and associated Widening
- V1R8 Oak Tree Lane Widening - 2 inside lanes 3030 LF
- V1R9 Oak Tree Lane/School South Entrance Traffic Signal - Signal Appurtenances and associated Widening
- V1R10 Oak Tree Lane/School North Entrance Traffic Signal - Signal Appurtenances and associated Widening
- V1R11 Oak Tree Lane Widening - 2 inside lanes 965 LF
- V1R12 Oak Tree Lane/Ferrari Ranch Road Traffic Signal - Signal Appurtenances and associated Widening
- V1R13 Oak Tree Lane East Side Bridge - 2 Lane Bridge, with Abutments and Approaches
- V1R14 Oak Tree Lane Widening - 2 inside lanes 980 LF
- V1R15 Oak Tree Lane Widening - 1 Lane, Curb and Gutter, Sidewalk and Frontage Landscaping in Front of City of Lincoln Parcel
- V1R16 Virginiatown Road Widening - 1 Lane and Frontage Landscaping in Front of City of Lincoln Parcel
- V1R17 McBean Park Drive Widening - 1 Lane, 1/2 Landscape Median, 1 NEV Lane and 35' wide frontage landscaping, 3,670 LF
- V1R18 State Route 193, 1 South Side Lane 3,050 LF
- V1R19 McBean Park Drive Widening - 2 Lanes, 3,670 LF
- V1R20 State Route 193, 1 North Side Lane 3,050 LF
- V1R21 State Route 193/North Collector Traffic Signal - Signal Appurtenances and associated Widening

Disclaimer:

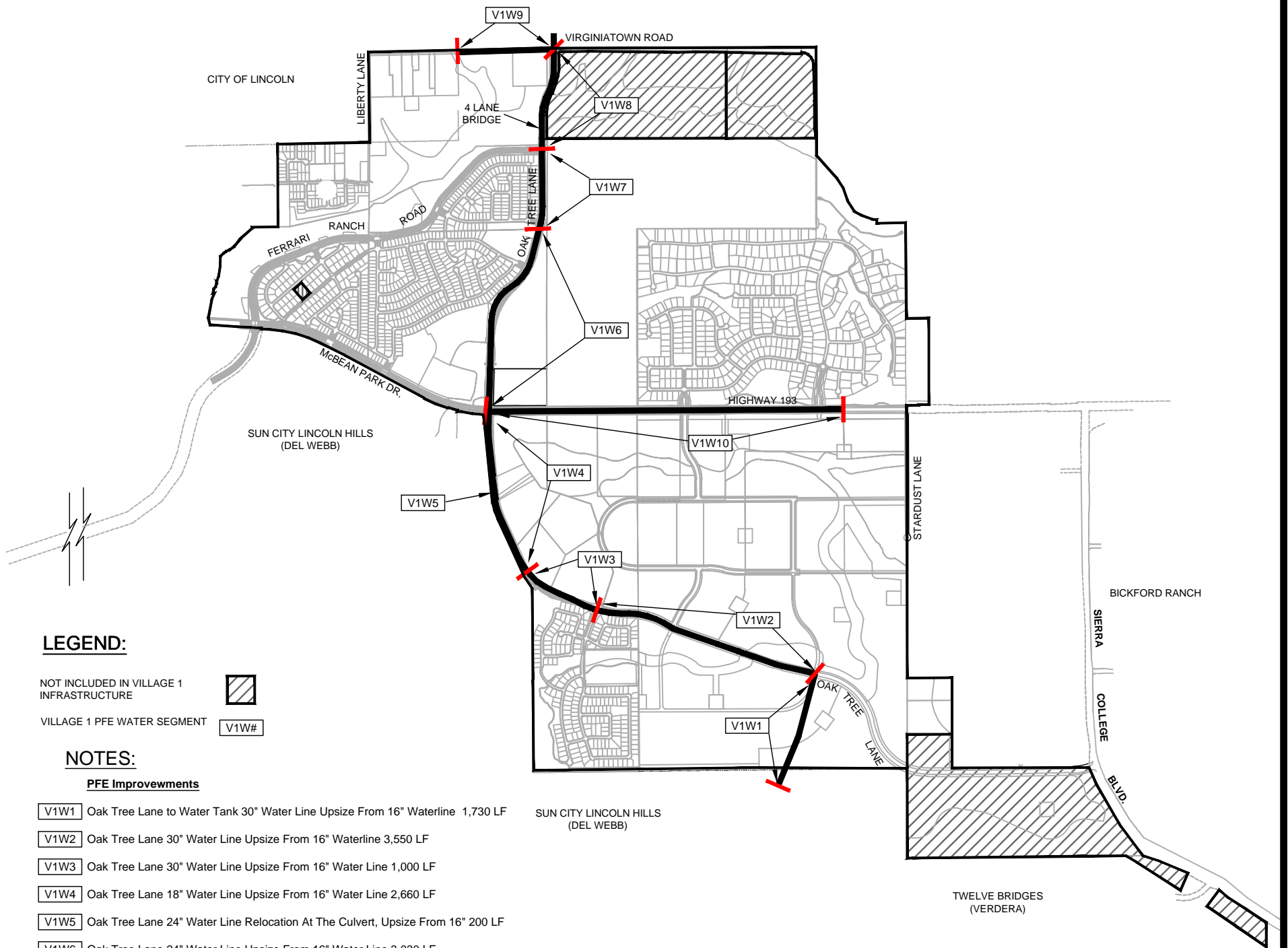
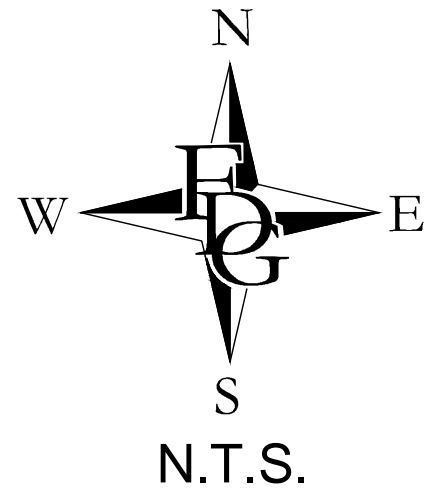
This Exhibit is based on Specific Plan and Conceptual Design. Finals Costs will be based on Final Improvement Plans.



1540 Eureka Rd. Ste. 100 (916) 782-3000 Phone
 Roseville, CA 95661 (916) 782-3955 Fax
 CIVIL ENGINEERING • PLANNING • SURVEYING

Appendix 10.1: PFE Improvements Map - Roads

Revised 8/9/2016



LEGEND:

- NOT INCLUDED IN VILLAGE 1 INFRASTRUCTURE
- VILLAGE 1 PFE WATER SEGMENT

NOTES:

PFE Improvements

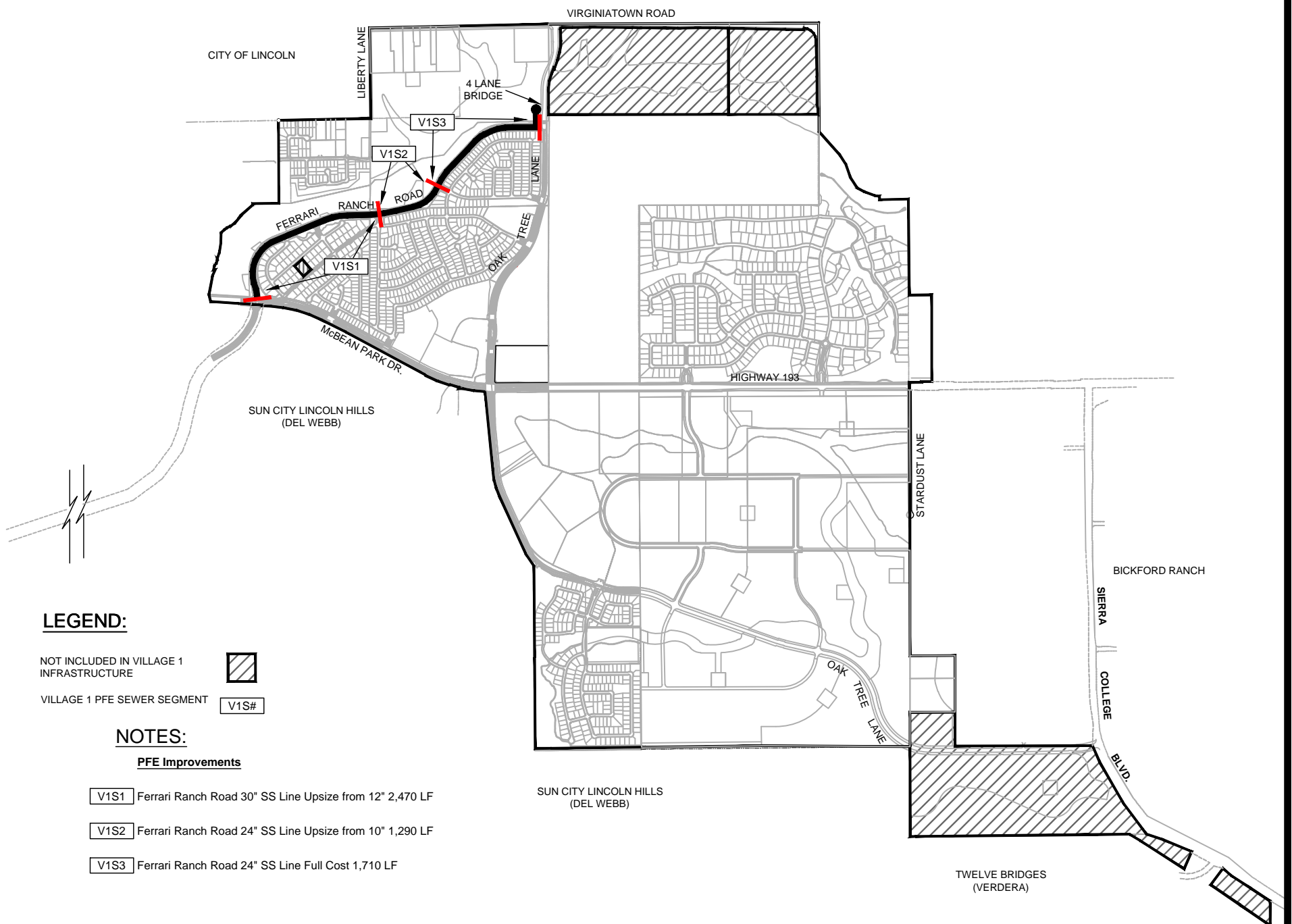
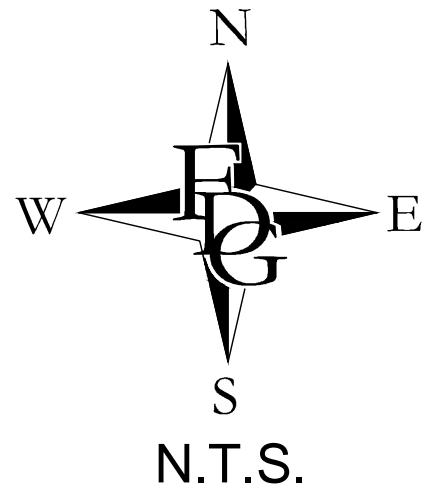
- V1W1 Oak Tree Lane to Water Tank 30" Water Line Upsize From 16" Waterline 1,730 LF
- V1W2 Oak Tree Lane 30" Water Line Upsize From 16" Waterline 3,550 LF
- V1W3 Oak Tree Lane 30" Water Line Upsize From 16" Water Line 1,000 LF
- V1W4 Oak Tree Lane 18" Water Line Upsize From 16" Water Line 2,660 LF
- V1W5 Oak Tree Lane 24" Water Line Relocation At The Culvert, Upsize From 16" 200 LF
- V1W6 Oak Tree Lane 24" Water Line Upsize From 16" Water Line 3,030 LF
- V1W7 Oak Tree Lane 24" Water Line Upsize From 16" 965 LF
- V1W8 Oak Tree Lane 24" Water Line Upsize From 16" 1,365 LF
- V1W9 Virginiatown Road 18" Water Line Upsize From 16" Water Line 2,000 LF
- V1W10 State Route 193 18" Water Line Upsize From 16" Water Line 5,050 LF

Disclaimer:

This Exhibit is based on Specific Plan and Conceptual Design. Finals Costs will be based on Final Improvement Plans.



1540 Eureka Rd. Ste. 100 (916) 782-3000 Phone
 Roseville, CA 95661 (916) 782-3955 Fax
 CIVIL ENGINEERING • PLANNING • SURVEYING



LEGEND:

- NOT INCLUDED IN VILLAGE 1 INFRASTRUCTURE
- VILLAGE 1 PFE SEWER SEGMENT V1S#

NOTES:

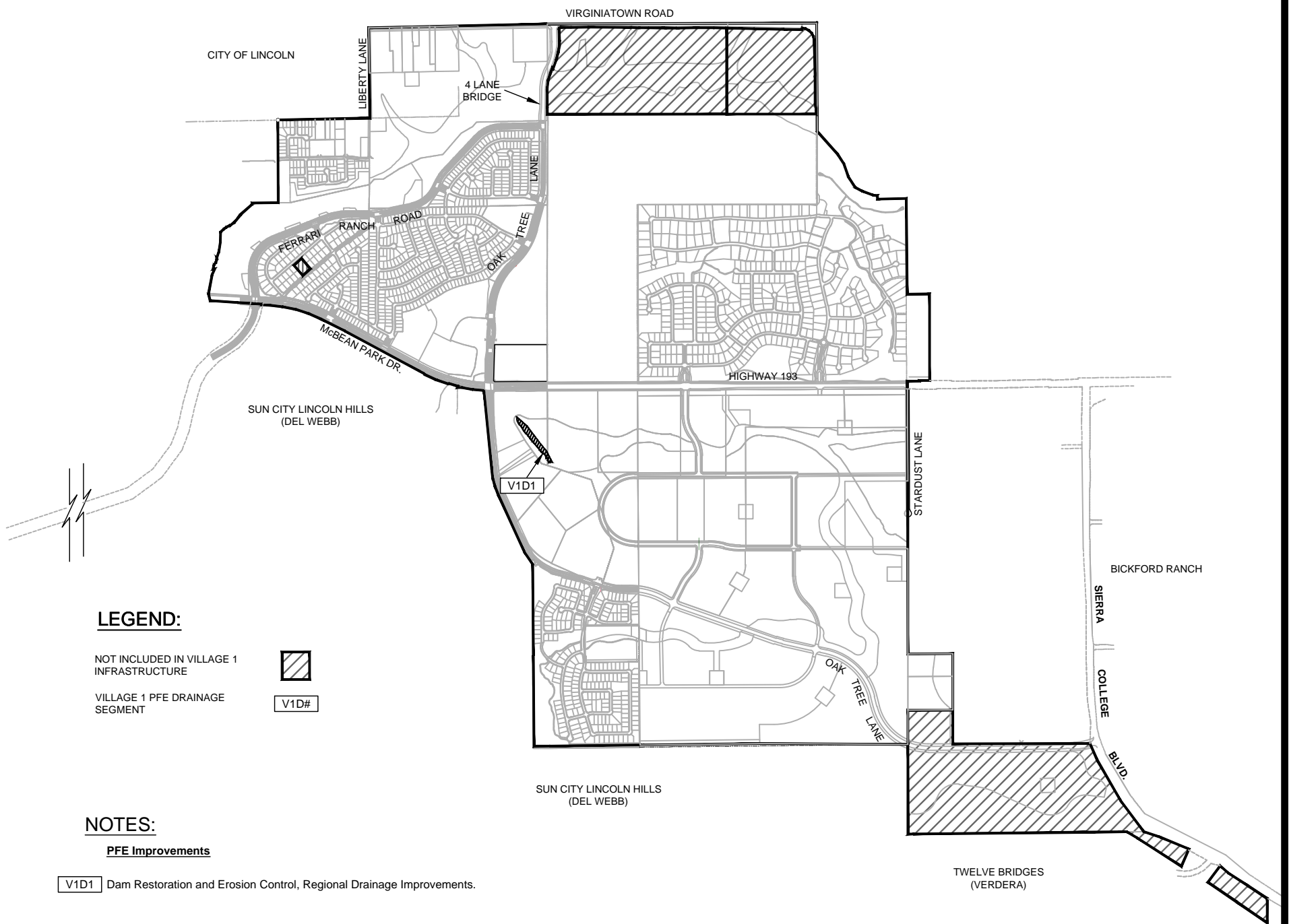
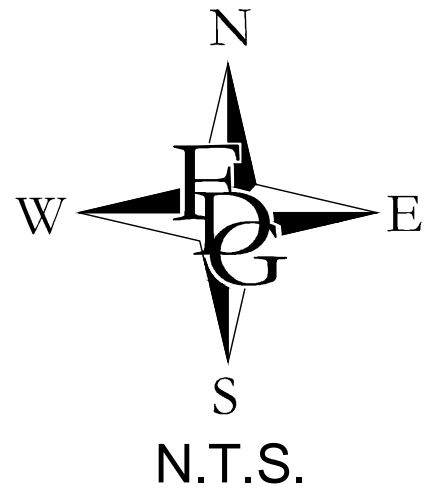
PFE Improvements

- V1S1 Ferrari Ranch Road 30" SS Line Upsize from 12" 2,470 LF
- V1S2 Ferrari Ranch Road 24" SS Line Upsize from 10" 1,290 LF
- V1S3 Ferrari Ranch Road 24" SS Line Full Cost 1,710 LF

Disclaimer:
This Exhibit is based on Specific Plan and Conceptual Design. Finals Costs will be based on Final Improvement Plans.



1540 Eureka Rd. Ste. 100 (916) 782-3000 Phone
Roseville, CA 95661 (916) 782-3955 Fax
CIVIL ENGINEERING • PLANNING • SURVEYING



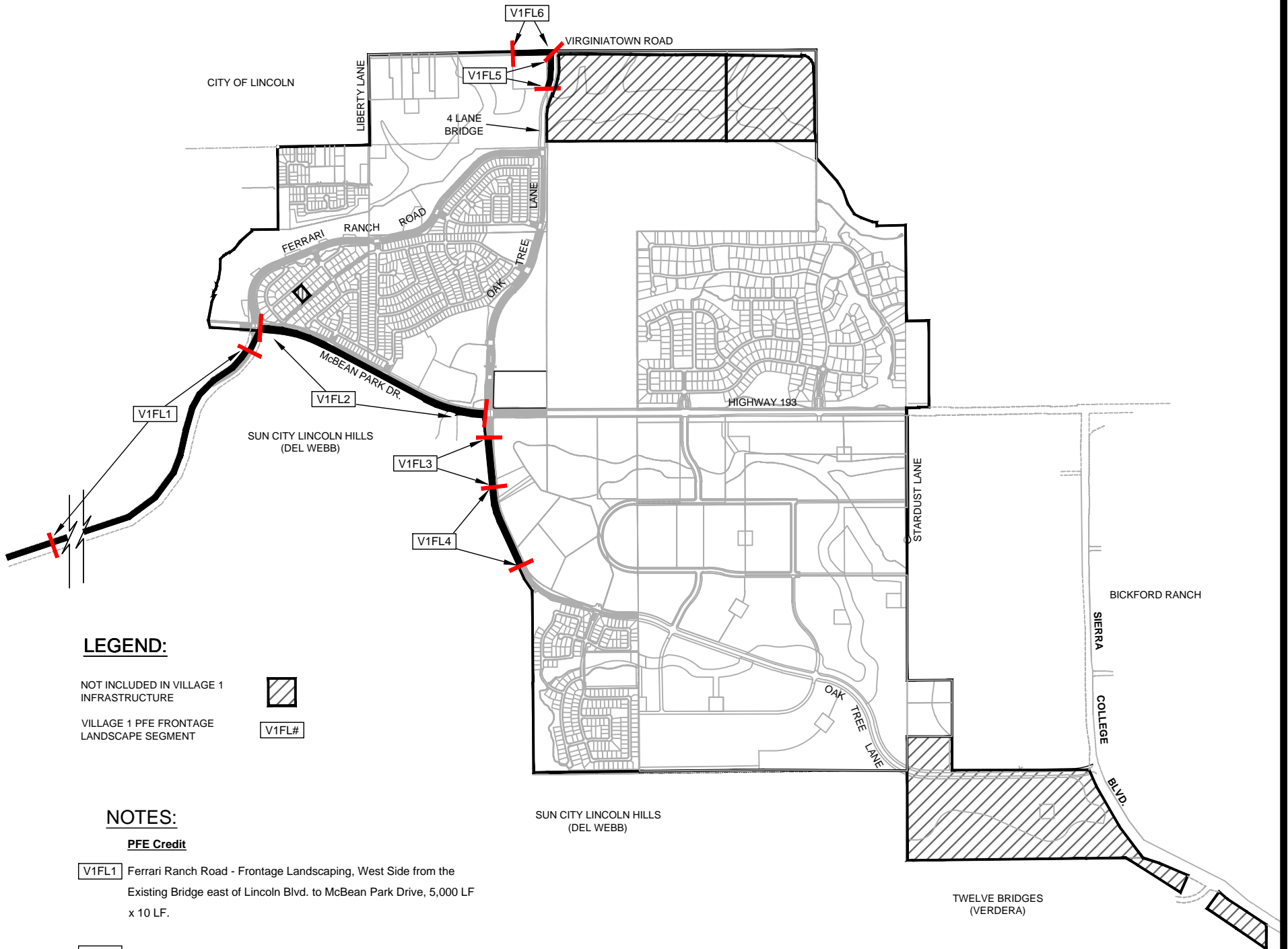
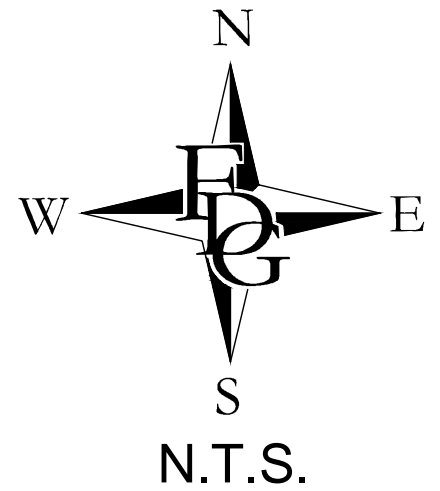
Disclaimer:
 This Exhibit is based on Specific Plan and
 Conceptual Design. Finals Costs will be
 based on Final Improvement Plans.



1540 Eureka Rd. Ste. 100 (916) 782-3000 Phone
 Roseville, CA 95661 (916) 782-3955 Fax
 CIVIL ENGINEERING • PLANNING • SURVEYING

Appendix 10.4: PFE Improvements Map - Drainage

Revised 8/9/2016



LEGEND:

NOT INCLUDED IN VILLAGE 1 INFRASTRUCTURE



VILLAGE 1 PFE FRONTAGE LANDSCAPE SEGMENT



NOTES:

PFE Credit

- V1FL1** Ferrari Ranch Road - Frontage Landscaping, West Side from the Existing Bridge east of Lincoln Blvd. to McBean Park Drive, 5,000 LF x 10 LF.
- V1FL2** McBean Park Drive - Frontage Landscaping, South Side of McBean Park Drive in Front of Sun City Lincoln Hill, 3,670 LF x 35 LF. (City May Elect to Spread/Disburse Over Entire Width of Landscape Corridor.)
- V1FL3** Oak Tree Lane - Frontage Landscaping, West Side in front of Lincoln Hills condos, 550 LF x 14 LF.
- V1FL4** Oak Tree Lane - Frontage Landscaping, West Side, in front of Existing Church Parcel, 1,230 LF x 14 LF.
- V1FL5** Oak Tree Lane - Frontage Landscaping, West Side, Along Open Space, Orphaned Land and City Parcel, 600 LF x 5 LF.
- V1FL6** Virginiatown Road - Frontage Landscaping, South Side, City Parcel, 525 LF x 5 LF.

Disclaimer:
 This Exhibit is based on Specific Plan and Conceptual Design. Finals Costs will be based on Final Improvement Plans.

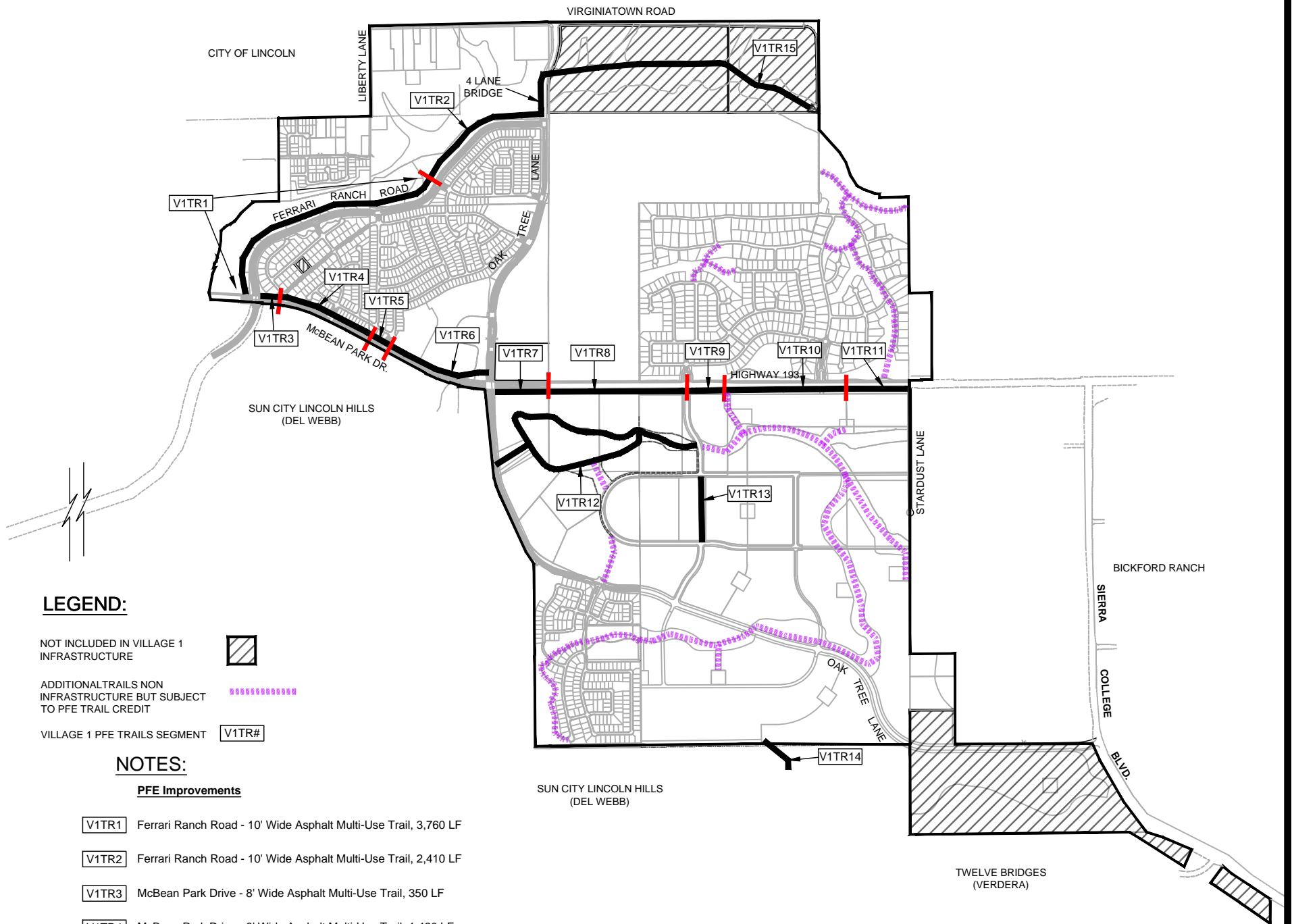
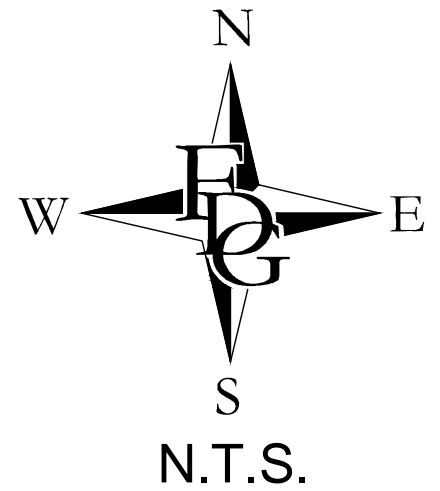


1540 Eureka Rd. Ste. 100 (916) 782-3000 Phone
 Roseville, CA 95661 (916) 782-3955 Fax

CIVIL ENGINEERING • PLANNING • SURVEYING

**Appendix 10.5: PFE Improvements Map -
 Frontage Landscaping**

Revised 8/9/2016



LEGEND:

- NOT INCLUDED IN VILLAGE 1 INFRASTRUCTURE
- ADDITIONAL TRAILS NON INFRASTRUCTURE BUT SUBJECT TO PFE TRAIL CREDIT
- VILLAGE 1 PFE TRAILS SEGMENT V1TR#

NOTES:

PFE Improvements

- V1TR1 Ferrari Ranch Road - 10' Wide Asphalt Multi-Use Trail, 3,760 LF
- V1TR2 Ferrari Ranch Road - 10' Wide Asphalt Multi-Use Trail, 2,410 LF
- V1TR3 McBean Park Drive - 8' Wide Asphalt Multi-Use Trail, 350 LF
- V1TR4 McBean Park Drive - 8' Wide Asphalt Multi-Use Trail, 1,420 LF
- V1TR5 Ferrari Ranch Road - 10' Wide Asphalt Multi-Use Trail, 300 LF
- V1TR6 McBean Park Drive - 8' Wide Asphalt Multi-Use Trail, 1,600 LF
- V1TR7 State Route 193 - 8' Wide Asphalt Multi-Use Trail, 760 LF
- V1TR8 State Route 193 - 8' Wide Asphalt Multi-Use Trail, 1,940 LF
- V1TR9 State Route 193 - 8' Wide Asphalt Multi-Use Trail, 590 LF
- V1TR10 State Route 193 - 8' Wide Asphalt Multi-Use Trail, 1,740 LF
- V1TR11 State Route 193 - 8' Wide Asphalt Multi-Use Trail, 1,000 LF
- V1TR12 Around Existing Lake - 10' Wide Asphalt Multi-Use Trail, 5,885 LF
- V1TR13 Connection North/South Collectors - 10' Wide Asphalt Multi-Use Trail, 960 LF
- V1TR14 Connection to Existing Trail System - 10' Wide Asphalt Multi-Use Trail, 600 LF
- V1TR15 Across Open Space - 8' Wide Asphalt Multi-Use Trail, 3,780 LF

Note: V1TR15 To Be Built Part Of Village 1 Finance, Even Though Properties Are Not Participating

Disclaimer:
This Exhibit is based on Specific Plan and Conceptual Design. Finals Costs will be based on Final Improvement Plans.



1540 Eureka Rd. Ste. 100 (916) 782-3000 Phone
Roseville, CA 95661 (916) 782-3955 Fax
CIVIL ENGINEERING • PLANNING • SURVEYING

Appendix 10.6: PFE Improvements Map - Trails

CITY OF LINCOLN
Residential PFE Fees per EDU
SOUTH - Very Low Density
Effective July 1, 2014

| PFE FEE DESCRIPTION | Non-Critical | Critical | Admin. Fee | TOTAL FEE |
|-------------------------------|---------------------|--------------------|------------------|---------------------|
| Sewer Connection | \$ 7,983.80 | \$ - | \$ 199.60 | \$ 8,183.40 |
| Water Connection | | | | |
| Storage | \$ 7,296.77 | \$ - | \$ 181.74 | \$ 7,478.51 |
| Groundwater & Transmission | \$ 6,130.72 | \$ 74.59 | \$ 154.42 | \$ 6,359.73 |
| | \$ 13,427.49 | \$ 74.59 | \$ 336.16 | \$ 13,838.24 |
| Transportation | \$ 2,945.42 | \$ 601.06 | \$ 89.29 | \$ 3,635.77 |
| Drainage | | | | |
| South | \$ 327.86 | \$ 1,016.78 | \$ 33.62 | \$ 1,378.26 |
| Community Services Fee | | | | |
| Park Construction Fee | \$ 4,080.14 | \$ - | \$ 101.90 | \$ 4,182.04 |
| Police | \$ 1,070.46 | \$ - | \$ 26.26 | \$ 1,096.72 |
| Fire | \$ 543.11 | \$ - | \$ 13.66 | \$ 556.77 |
| City Administration | \$ 947.55 | \$ - | \$ 23.11 | \$ 970.66 |
| Library | \$ - | \$ - | \$ - | \$ - |
| Solid Waste | \$ 781.57 | \$ - | \$ 19.96 | \$ 801.53 |
| | \$ 7,422.83 | \$ - | \$ 184.89 | \$ 7,607.72 |
| TOTALS | \$ 32,107.40 | \$ 1,692.43 | \$ 843.56 | \$ 34,643.39 |

CITY OF LINCOLN
Residential PFE Fees per EDU
SOUTH - Low Density
Effective July 1, 2014

| PFE FEE DESCRIPTION | Non-Critical | Critical | Admin. Fee | TOTAL FEE |
|-------------------------------|---------------------|--------------------|------------------|---------------------|
| Sewer Connection | \$ 6,286.19 | \$ - | \$ 157.58 | \$ 6,443.77 |
| Water Connection | | | | |
| Storage | \$ 3,079.02 | \$ - | \$ 76.69 | \$ 3,155.71 |
| Groundwater & Transmission | \$ 2,586.43 | \$ 31.42 | \$ 65.13 | \$ 2,682.98 |
| | \$ 5,665.45 | \$ 31.42 | \$ 141.82 | \$ 5,838.69 |
| Transportation | \$ 2,945.42 | \$ 601.06 | \$ 89.29 | \$ 3,635.77 |
| Drainage | | | | |
| South | \$ 252.04 | \$ 781.66 | \$ 26.26 | \$ 1,059.96 |
| Community Services Fee | | | | |
| Park Construction Fee | \$ 4,080.14 | \$ - | \$ 101.90 | \$ 4,182.04 |
| Police | \$ 1,070.46 | \$ - | \$ 26.26 | \$ 1,096.72 |
| Fire | \$ 543.11 | \$ - | \$ 13.66 | \$ 556.77 |
| City Administration | \$ 947.55 | \$ - | \$ 23.11 | \$ 970.66 |
| Library | \$ - | \$ - | \$ - | \$ - |
| Solid Waste | \$ 781.57 | \$ - | \$ 19.96 | \$ 801.53 |
| | \$ 7,422.83 | \$ - | \$ 184.89 | \$ 7,607.72 |
| TOTALS | \$ 22,571.93 | \$ 1,414.14 | \$ 599.84 | \$ 24,585.91 |

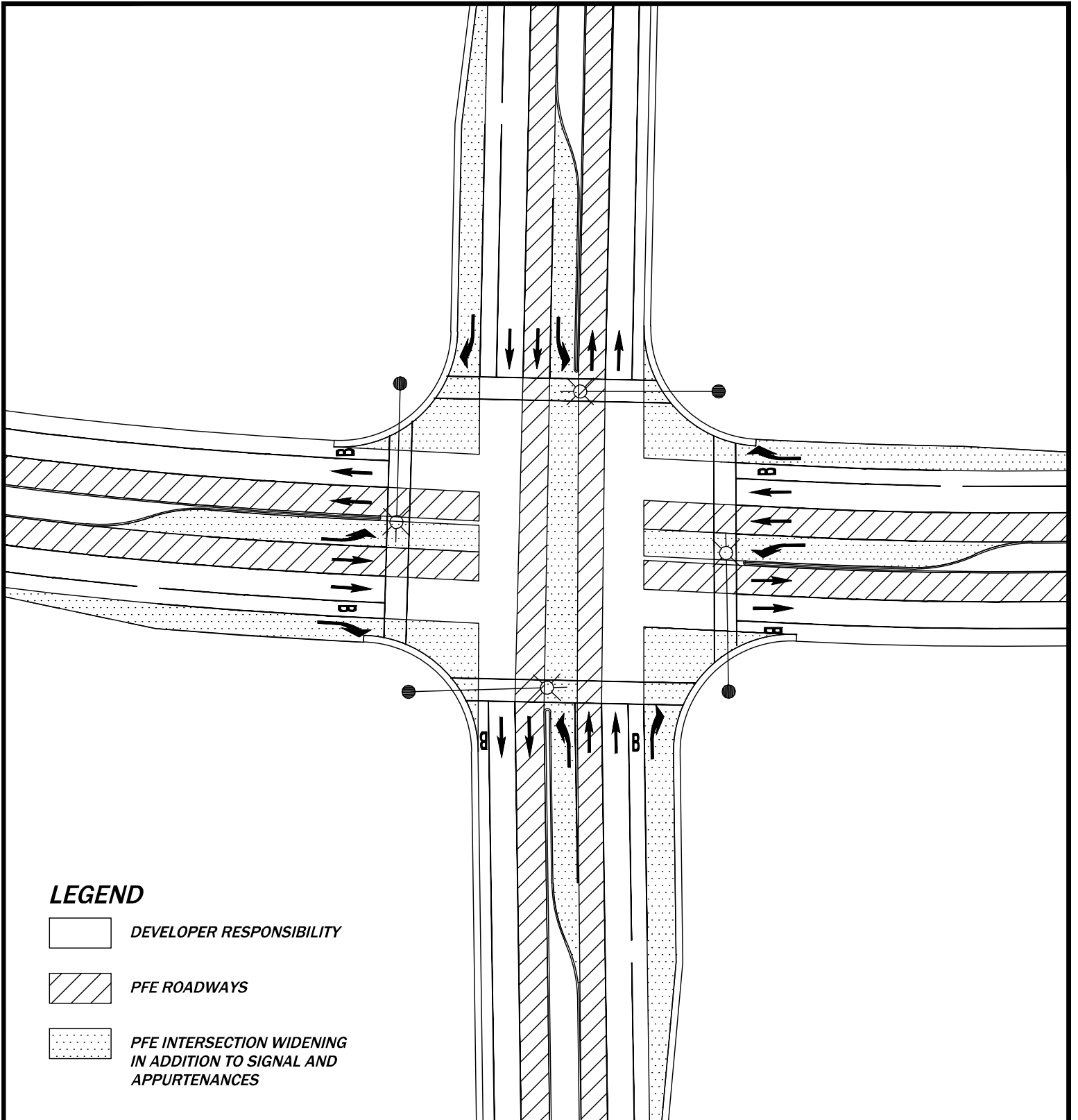
CITY OF LINCOLN
Residential PFE Fees per EDU
SOUTH - Medium Density
Effective July 1, 2014

| PFE FEE DESCRIPTION | Non-Critical | Critical | Admin. Fee | TOTAL FEE |
|-------------------------------|---------------------|--------------------|------------------|---------------------|
| Sewer Connection | \$ 6,286.19 | \$ - | \$ 157.58 | \$ 6,443.77 |
| Water Connection | | | | |
| Storage | \$ 3,079.02 | \$ - | \$ 76.69 | \$ 3,155.71 |
| Groundwater & Transmission | \$ 2,586.43 | \$ 31.42 | \$ 65.13 | \$ 2,682.98 |
| | \$ 5,665.45 | \$ 31.42 | \$ 141.82 | \$ 5,838.69 |
| Transportation | \$ 2,120.96 | \$ 432.81 | \$ 64.08 | \$ 2,617.85 |
| Drainage | | | | |
| North | \$ 176.48 | \$ 547.31 | \$ 17.86 | \$ 741.65 |
| Community Services Fee | | | | |
| Park Construction Fee | \$ 4,080.14 | \$ - | \$ 101.90 | \$ 4,182.04 |
| Police | \$ 1,070.46 | \$ - | \$ 26.26 | \$ 1,096.72 |
| Fire | \$ 543.11 | \$ - | \$ 13.66 | \$ 556.77 |
| City Administration | \$ 947.55 | \$ - | \$ 23.11 | \$ 970.66 |
| Library | \$ - | \$ - | \$ - | \$ - |
| Solid Waste | \$ 781.57 | \$ - | \$ 19.96 | \$ 801.53 |
| | \$ 7,422.83 | \$ - | \$ 184.89 | \$ 7,607.72 |
| TOTALS | \$ 21,671.91 | \$ 1,011.54 | \$ 566.23 | \$ 23,249.68 |




CITY OF LINCOLN
Residential PFE Fees per EDU
SOUTH - High Density
Effective July 1, 2014

| PFE FEE DESCRIPTION | Non-Critical | Critical | Admin. Fee | TOTAL FEE |
|-------------------------------|---------------------|------------------|------------------|---------------------|
| Sewer Connection | \$ 5,028.74 | \$ - | \$ 125.01 | \$ 5,153.75 |
| Water Connection | | | | |
| Storage | \$ 1,661.89 | \$ - | \$ 42.02 | \$ 1,703.91 |
| Groundwater & Transmission | \$ 1,397.01 | \$ 16.97 | \$ 34.67 | \$ 1,448.65 |
| | \$ 3,058.90 | \$ 16.97 | \$ 76.69 | \$ 3,152.56 |
| Transportation | \$ 2,120.96 | \$ 432.81 | \$ 64.08 | \$ 2,617.85 |
| Drainage | | | | |
| North | \$ 60.42 | \$ 187.49 | \$ 6.30 | \$ 254.21 |
| Community Services Fee | | | | |
| Park Construction Fee | \$ 2,937.20 | \$ - | \$ 73.54 | \$ 3,010.74 |
| Police | \$ 771.07 | \$ - | \$ 18.91 | \$ 789.98 |
| Fire | \$ 391.84 | \$ - | \$ 9.45 | \$ 401.29 |
| City Administration | \$ 681.77 | \$ - | \$ 16.81 | \$ 698.58 |
| Library | \$ - | \$ - | \$ - | \$ - |
| Solid Waste | \$ 562.02 | \$ - | \$ 14.71 | \$ 576.73 |
| | \$ 5,343.90 | \$ - | \$ 133.42 | \$ 5,477.32 |
| TOTALS | \$ 15,612.92 | \$ 637.27 | \$ 405.50 | \$ 16,655.69 |

APPENDIX 11
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Typical Signalized/ Intersection
Widening PFE Eligible Diagram

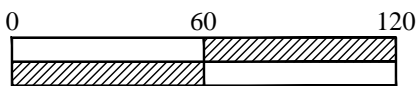


LEGEND

-  DEVELOPER RESPONSIBILITY
-  PFE ROADWAYS
-  PFE INTERSECTION WIDENING IN ADDITION TO SIGNAL AND APPURTENANCES

**TYPICAL SIGNALIZED/INTERSECTION WIDENING
PFE ELIGIBLE**

City of Lincoln, CA
August 9, 2016



FRAYJI
DESIGN GROUP, INC.

1540 Eureka Rd. Suite 100 (916) 782-3000 Phone
Roseville, CA 95661 (916) 782-3955 Fax
CIVIL ENGINEERING • PLANNING • SURVEYING

APPENDIX 12
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Cost Summaries per Phase
(Phase 1 thru 8)

| Engineer's Opinion of Costs | | | | | | |
|---|---------------------|----------------------|-------------|-------------|-------------|----------------------|
| Village 1: Phase 1 & 2 Combine - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| Description | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 204 | 916 | 0 | 0 | 0 | 1120 |
| Acres | 102 | 229.1 | 0 | 0 | 0 | 331.1 |
| Infrastructure Costs per Land Use for Phase 1 + Phase 2 | | | | | | |
| Water | \$ 1,161,500 | \$ 2,200,500 | \$ - | \$ - | \$ - | \$ 3,362,000 |
| Amenities | \$ 523,100 | \$ 991,000 | \$ - | \$ - | \$ - | \$ 1,514,100 |
| Roadway | \$ 3,057,100 | \$ 13,726,800 | \$ - | \$ - | \$ - | \$ 16,783,900 |
| Wastewater | \$ 472,500 | \$ 1,670,400 | \$ - | \$ - | \$ - | \$ 2,142,900 |
| Drainage | \$ 1,294,200 | \$ 4,470,100 | \$ - | \$ - | \$ - | \$ 5,764,300 |
| Trails, Landscaping and Parks | \$ 137,300 | \$ 616,300 | \$ - | \$ - | \$ - | \$ 753,600 |
| Subtotal for Phase 1 & 2 | \$ 6,645,700 | \$ 23,675,100 | \$ - | \$ - | \$ - | \$ 30,320,800 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 11,387 | \$ 9,605 | \$ - | \$ - | \$ - | |
| Amenities | \$ 5,128 | \$ 4,326 | \$ - | \$ - | \$ - | |
| Roadway | \$ 29,972 | \$ 59,916 | \$ - | \$ - | \$ - | |
| Wastewater | \$ 4,632 | \$ 7,291 | \$ - | \$ - | \$ - | |
| Drainage | \$ 12,688 | \$ 19,512 | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ 1,346 | \$ 2,690 | \$ - | \$ - | \$ - | |
| Subtotal per Developable Acres for Phase 1 & 2 | \$ 65,154 | \$ 103,340 | \$ - | \$ - | \$ - | |
| Subtotal per Developable Acres for Village 1 | \$ 49,421 | \$ 78,602 | \$ - | \$ - | \$ - | |
| Difference | \$ 15,733 | \$ 24,737 | \$ - | \$ - | \$ - | |

| Engineer's Opinion of Costs | | | | | | |
|---|-------------------|---------------------|-------------|-------------|-------------|---------------------|
| Village 1: Phase 1 & 2 Combine - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| Description | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 204 | 916 | 0 | 0 | 0 | 1120 |
| Acres | 102 | 229.1 | 0 | 0 | 0 | 331.1 |
| PFE Infrastructure Costs per Land Use Phase 1 & 2 | | | | | | |
| Water | \$ 218,100 | \$ 413,300 | \$ - | \$ - | \$ - | \$ 631,400 |
| Amenities | \$ 51,200 | \$ 96,900 | \$ - | \$ - | \$ - | \$ 148,100 |
| Roadway | \$ 516,900 | \$ 2,321,100 | \$ - | \$ - | \$ - | \$ 2,838,000 |
| Wastewater | \$ 122,800 | \$ 434,000 | \$ - | \$ - | \$ - | \$ 556,800 |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 1 & 2 | \$ 909,000 | \$ 3,265,300 | \$ - | \$ - | \$ - | \$ 4,174,300 |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 2,138 | \$ 1,804 | \$ - | \$ - | \$ - | |
| Amenities | \$ 502 | \$ 423 | \$ - | \$ - | \$ - | |
| Roadway | \$ 5,068 | \$ 10,131 | \$ - | \$ - | \$ - | |
| Wastewater | \$ 1,204 | \$ 1,894 | \$ - | \$ - | \$ - | |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 1 & 2 | \$ 8,912 | \$ 14,253 | \$ - | \$ - | \$ - | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

| Engineer's Opinion of Costs | | | | | | |
|---|---------------------|----------------------|-------------|-------------|-------------|----------------------|
| Village 1: Phase 1- Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 28 | 505 | 0 | 0 | 0 | 533 |
| Acres | 13.8 | 126.3 | 0 | 0 | 0 | 140.1 |
| Infrastructure Costs per Land Use for Phase 1 | | | | | | |
| Water | \$ 287,479 | \$ 2,187,721 | \$ - | \$ - | \$ - | \$ 2,475,200 |
| Amenities | \$ 136,063 | \$ 1,035,437 | \$ - | \$ - | \$ - | \$ 1,171,500 |
| Roadway | \$ 716,989 | \$ 12,931,411 | \$ - | \$ - | \$ - | \$ 13,648,400 |
| Wastewater | \$ 114,319 | \$ 1,623,481 | \$ - | \$ - | \$ - | \$ 1,737,800 |
| Drainage | \$ 365,116 | \$ 5,065,484 | \$ - | \$ - | \$ - | \$ 5,430,600 |
| Trails, Landscaping and Parks | \$ 14,825 | \$ 267,375 | \$ - | \$ - | \$ - | \$ 282,200 |
| Subtotal for Phase 1 | \$ 1,634,791 | \$ 23,110,909 | \$ - | \$ - | \$ - | \$ 24,745,700 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 20,832 | \$ 17,322 | \$ - | \$ - | \$ - | |
| Amenities | \$ 9,860 | \$ 8,198 | \$ - | \$ - | \$ - | |
| Roadway | \$ 51,956 | \$ 102,386 | \$ - | \$ - | \$ - | |
| Wastewater | \$ 8,284 | \$ 12,854 | \$ - | \$ - | \$ - | |
| Drainage | \$ 26,458 | \$ 40,107 | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ 1,074 | \$ 2,117 | \$ - | \$ - | \$ - | |
| Subtotal per Developable Area for Phase 1 | \$ 118,463 | \$ 182,984 | \$ - | \$ - | \$ - | |
| Subtotal per Developable Area for Village 1 | \$ 49,421 | \$ 78,602 | \$ - | \$ - | \$ - | |
| Difference | \$ 69,042 | \$ 104,382 | \$ - | \$ - | \$ - | |

| Engineer's Opinion of Costs | | | | | | |
|---|-------------------|---------------------|-------------|-------------|-------------|---------------------|
| Village 1: Phase 1- Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 28 | 505 | 0 | 0 | 0 | 533 |
| Acres | 13.8 | 126.3 | 0 | 0 | 0 | 140.1 |
| PFE Infrastructure Costs per Land Use for Phase 1 | | | | | | |
| Water | \$ 54,367 | \$ 413,733 | \$ - | \$ - | \$ - | \$ 468,100 |
| Amenities | \$ 17,201 | \$ 130,899 | \$ - | \$ - | \$ - | \$ 148,100 |
| Roadway | \$ 149,088 | \$ 2,688,912 | \$ - | \$ - | \$ - | \$ 2,838,000 |
| Wastewater | \$ 23,814 | \$ 338,186 | \$ - | \$ - | \$ - | \$ 362,000 |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 1 | \$ 244,470 | \$ 3,571,730 | \$ - | \$ - | \$ - | \$ 3,816,200 |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 3,940 | \$ 3,276 | \$ - | \$ - | \$ - | |
| Amenities | \$ 1,246 | \$ 1,036 | \$ - | \$ - | \$ - | |
| Roadway | \$ 10,803 | \$ 21,290 | \$ - | \$ - | \$ - | |
| Wastewater | \$ 1,726 | \$ 2,678 | \$ - | \$ - | \$ - | |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 1 | \$ 17,715 | \$ 28,280 | \$ - | \$ - | \$ - | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

| Engineer's Opinion of Costs | | | | | | |
|---|--------------|--------------|-------------|-------------|------------|--------------|
| Village 1: Phase 2 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 176 | 411 | 0 | 0 | 0 | 587 |
| Acres | 88.2 | 102.8 | 0 | 0 | 0 | 191 |
| Infrastructure Costs per Land Use for Phase 2 | | | | | | |
| Water | \$ 446,677 | \$ 440,123 | \$ - | \$ - | \$ - | \$ 886,800 |
| Amenities | \$ 172,566 | \$ 170,034 | \$ - | \$ - | \$ - | \$ 342,600 |
| Roadway | \$ 940,116 | \$ 2,195,384 | \$ - | \$ - | \$ - | \$ 3,135,500 |
| Wastewater | \$ 142,703 | \$ 262,397 | \$ - | \$ - | \$ - | \$ 405,100 |
| Drainage | \$ 119,335 | \$ 214,365 | \$ - | \$ - | \$ - | \$ 333,700 |
| Trails, Landscaping and Parks | \$ 141,340 | \$ 330,060 | \$ - | \$ - | \$ - | \$ 471,400 |
| Subtotal for Phase 2 | \$ 1,962,736 | \$ 3,612,364 | \$ - | \$ - | \$ - | \$ 5,575,100 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 5,064 | \$ 4,281 | \$ - | \$ - | \$ - | |
| Amenities | \$ 1,957 | \$ 1,654 | \$ - | \$ - | \$ - | |
| Roadway | \$ 10,659 | \$ 21,356 | \$ - | \$ - | \$ - | |
| Wastewater | \$ 1,618 | \$ 2,552 | \$ - | \$ - | \$ - | |
| Drainage | \$ 1,353 | \$ 2,085 | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ 1,602 | \$ 3,211 | \$ - | \$ - | \$ - | |
| Subtotal per Developable Area for Phase 2 | \$ 22,253 | \$ 35,140 | \$ - | \$ - | \$ - | |
| Subtotal per Developable Area for Village 1 | \$ 49,421 | \$ 78,602 | \$ - | \$ - | \$ - | |
| Difference | \$ (27,168) | \$ (43,463) | \$ - | \$ - | \$ - | |

| Engineer's Opinion of Costs | | | | | | |
|---|-------------------|-------------------|-------------|-------------|-------------|-------------------|
| Village 1: Phase 2 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 176 | 411 | 0 | 0 | 0 | 587 |
| Acres | 88.2 | 102.8 | 0 | 0 | 0 | 191 |
| PFE Infrastructure Costs per Land Use for Phase 2 | | | | | | |
| Water | \$ 82,253 | \$ 81,047 | \$ - | \$ - | \$ - | \$ 163,300 |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Roadway | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Wastewater | \$ 68,621 | \$ 126,179 | \$ - | \$ - | \$ - | \$ 194,800 |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 2 | \$ 150,875 | \$ 207,225 | \$ - | \$ - | \$ - | \$ 358,100 |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 933 | \$ 788 | \$ - | \$ - | \$ - | |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Roadway | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Wastewater | \$ 778 | \$ 1,227 | \$ - | \$ - | \$ - | |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 2 | \$ 1,711 | \$ 2,016 | \$ - | \$ - | \$ - | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

| Engineer's Opinion of Costs | | | | | | |
|---|------------|---------------|--------------|-------------|--------------|---------------|
| Village 1: Phase 3 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 0 | 562 | 136 | 0 | 196 | 894 |
| Acres | 0 | 140.3 | 17 | 0 | 10.9 | 168.2 |
| Infrastructure Costs per Land Use for Phase 3 | | | | | | |
| Water | \$ - | \$ 972,929 | \$ 235,442 | \$ - | \$ 183,229 | \$ 1,391,600 |
| Amenities | \$ - | \$ 2,153,574 | \$ 521,149 | \$ - | \$ 405,577 | \$ 3,080,300 |
| Roadway | \$ - | \$ 5,920,841 | \$ 1,031,617 | \$ - | \$ 1,486,742 | \$ 8,439,200 |
| Wastewater | \$ - | \$ 118,541 | \$ 28,686 | \$ - | \$ 33,073 | \$ 180,300 |
| Drainage | \$ - | \$ 1,219,619 | \$ 206,597 | \$ - | \$ 102,083 | \$ 1,528,300 |
| Trails, Landscaping and Parks | \$ - | \$ 252,763 | \$ 61,167 | \$ - | \$ 63,470 | \$ 377,400 |
| Subtotal for Phase 3 | \$ - | \$ 10,638,267 | \$ 2,084,659 | \$ - | \$ 2,274,175 | \$ 14,997,100 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ - | \$ 6,935 | \$ 13,850 | \$ - | \$ 16,810 | |
| Amenities | \$ - | \$ 15,350 | \$ 30,656 | \$ - | \$ 37,209 | |
| Roadway | \$ - | \$ 42,201 | \$ 60,683 | \$ - | \$ 136,398 | |
| Wastewater | \$ - | \$ 845 | \$ 1,687 | \$ - | \$ 3,034 | |
| Drainage | \$ - | \$ 8,693 | \$ 12,153 | \$ - | \$ 9,365 | |
| Trails, Landscaping and Parks | \$ - | \$ 1,802 | \$ 3,598 | \$ - | \$ 5,823 | |
| Subtotal per Developable Area for Phase 3 | \$ - | \$ 75,825 | \$ 122,627 | \$ - | \$ 208,640 | |
| Subtotal per Developable Area for Village 1 | \$ - | \$ 78,602 | \$ 122,573 | \$ - | \$ 222,426 | |
| Difference | \$ - | \$ (2,777) | \$ 54 | \$ - | \$ (13,786) | |

| Engineer's Opinion of Costs | | | | | | |
|---|-------------|---------------------|---------------------|-------------|---------------------|---------------------|
| Village 1: Phase 3 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 0 | 562 | 136 | 0 | 196 | 894 |
| Acres | 0 | 140.3 | 17 | 0 | 10.9 | 168.2 |
| PFE Infrastructure Costs per Land Use for Phase 3 | | | | | | |
| Water | \$ - | \$ 420,186 | \$ 101,682 | \$ - | \$ 79,132 | \$ 601,000 |
| Amenities | \$ - | \$ 207,716 | \$ 50,266 | \$ - | \$ 39,119 | \$ 297,100 |
| Roadway | \$ - | \$ 4,603,329 | \$ 802,060 | \$ - | \$ 1,155,911 | \$ 6,561,300 |
| Wastewater | \$ - | \$ 285,865 | \$ 69,177 | \$ - | \$ 79,757 | \$ 434,800 |
| Drainage | \$ - | \$ 94,805 | \$ 16,060 | \$ - | \$ 7,935 | \$ 118,800 |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 3 | \$ - | \$ 5,611,901 | \$ 1,039,245 | \$ - | \$ 1,361,854 | \$ 8,013,000 |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ - | \$ 2,995 | \$ 5,981 | \$ - | \$ 7,260 | |
| Amenities | \$ - | \$ 1,481 | \$ 2,957 | \$ - | \$ 3,589 | |
| Roadway | \$ - | \$ 32,811 | \$ 47,180 | \$ - | \$ 106,047 | |
| Wastewater | \$ - | \$ 2,038 | \$ 4,069 | \$ - | \$ 7,317 | |
| Drainage | \$ - | \$ 676 | \$ 945 | \$ - | \$ 728 | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 3 | \$ - | \$ 39,999 | \$ 61,132 | \$ - | \$ 124,941 | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

| Engineer's Opinion of Costs | | | | | | |
|---|--------------|-------------|--------------|--------------|--------------|--------------|
| Village 1: Phase 4 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 114 | 29 | 187 | 157 | 184 | 671 |
| Acres | 57 | 7.3 | 23.4 | 8.7 | 10.2 | 106.6 |
| Infrastructure Costs per Land Use for Phase 4 | | | | | | |
| Water | \$ 412,977 | \$ 44,327 | \$ 285,834 | \$ 129,588 | \$ 151,874 | \$ 1,024,600 |
| Amenities | \$ 157,476 | \$ 16,903 | \$ 108,994 | \$ 49,415 | \$ 57,913 | \$ 390,700 |
| Roadway | \$ 1,331,736 | \$ 338,775 | \$ 1,572,850 | \$ 1,320,521 | \$ 1,547,617 | \$ 6,111,500 |
| Wastewater | \$ 221,336 | \$ 44,334 | \$ 285,881 | \$ 192,014 | \$ 225,035 | \$ 968,600 |
| Drainage | \$ 316,019 | \$ 61,839 | \$ 279,128 | \$ 80,348 | \$ 94,166 | \$ 831,500 |
| Trails, Landscaping and Parks | \$ 14,698 | \$ 3,739 | \$ 24,109 | \$ 14,574 | \$ 17,080 | \$ 74,200 |
| Subtotal for Phase 4 | \$ 2,454,241 | \$ 509,917 | \$ 2,556,797 | \$ 1,786,460 | \$ 2,093,686 | \$ 9,401,100 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 7,245 | \$ 6,072 | \$ 12,215 | \$ 14,895 | \$ 14,890 | |
| Amenities | \$ 2,763 | \$ 2,315 | \$ 4,658 | \$ 5,680 | \$ 5,678 | |
| Roadway | \$ 23,364 | \$ 46,408 | \$ 67,216 | \$ 151,784 | \$ 151,727 | |
| Wastewater | \$ 3,883 | \$ 6,073 | \$ 12,217 | \$ 22,071 | \$ 22,062 | |
| Drainage | \$ 5,544 | \$ 8,471 | \$ 11,929 | \$ 9,235 | \$ 9,232 | |
| Trails, Landscaping and Parks | \$ 258 | \$ 512 | \$ 1,030 | \$ 1,675 | \$ 1,675 | |
| Subtotal per Developable Area for Phase 4 | \$ 43,057 | \$ 69,852 | \$ 109,265 | \$ 205,340 | \$ 205,263 | |
| Subtotal per Developable Area for Village 1 | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |
| Difference | \$ (6,364) | \$ (8,751) | \$ (13,308) | \$ (17,337) | \$ (17,162) | |

| Engineer's Opinion of Costs | | | | | | |
|---|---------------------|-------------------|---------------------|-------------------|-------------------|---------------------|
| Village 1: Phase 4 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 114 | 29 | 187 | 157 | 184 | 671 |
| Acres | 57 | 7.3 | 23.4 | 8.7 | 10.2 | 106.6 |
| PFE Infrastructure Costs per Land Use for Phase 4 | | | | | | |
| Water | \$ 110,076 | \$ 11,815 | \$ 76,187 | \$ 34,541 | \$ 40,481 | \$ 273,100 |
| Amenities | \$ 307,536 | \$ 33,010 | \$ 212,855 | \$ 96,502 | \$ 113,098 | \$ 763,000 |
| Roadway | \$ 274,867 | \$ 69,922 | \$ 324,633 | \$ 272,553 | \$ 319,425 | \$ 1,261,400 |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Drainage | \$ 501,677 | \$ 98,169 | \$ 443,114 | \$ 127,552 | \$ 149,488 | \$ 1,320,000 |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 4 | \$ 1,194,156 | \$ 212,916 | \$ 1,056,789 | \$ 531,147 | \$ 622,491 | \$ 3,617,500 |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 1,931 | \$ 1,619 | \$ 3,256 | \$ 3,970 | \$ 3,969 | |
| Amenities | \$ 5,395 | \$ 4,522 | \$ 9,096 | \$ 11,092 | \$ 11,088 | |
| Roadway | \$ 4,822 | \$ 9,578 | \$ 13,873 | \$ 31,328 | \$ 31,316 | |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Drainage | \$ 8,801 | \$ 13,448 | \$ 18,937 | \$ 14,661 | \$ 14,656 | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 4 | \$ 20,950 | \$ 29,167 | \$ 45,162 | \$ 61,051 | \$ 61,029 | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

| Engineer's Opinion of Costs | | | | | | |
|---|-------------|--------------|--------------|--------------|--------------|--------------|
| Village 1: Phase 5 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 40 | 128 | 229 | 362 | 158 | 917 |
| Acres | 19.8 | 32.1 | 28.6 | 20.1 | 8.8 | 109.4 |
| Infrastructure Costs per Land Use for Phase 5 | | | | | | |
| Water | \$ 68,583 | \$ 92,602 | \$ 165,670 | \$ 141,420 | \$ 61,725 | \$ 530,000 |
| Amenities | \$ 72,853 | \$ 98,367 | \$ 175,986 | \$ 150,226 | \$ 65,568 | \$ 563,000 |
| Roadway | \$ 357,703 | \$ 1,144,649 | \$ 1,474,451 | \$ 2,330,791 | \$ 1,017,307 | \$ 6,324,900 |
| Wastewater | \$ 15,040 | \$ 37,897 | \$ 67,799 | \$ 85,741 | \$ 37,423 | \$ 243,900 |
| Drainage | \$ 113,973 | \$ 280,549 | \$ 351,343 | \$ 190,422 | \$ 83,113 | \$ 1,019,400 |
| Trails, Landscaping and Parks | \$ 41,509 | \$ 132,829 | \$ 237,639 | \$ 270,472 | \$ 118,051 | \$ 800,500 |
| Subtotal for Phase 5 | \$ 669,661 | \$ 1,786,892 | \$ 2,472,888 | \$ 3,169,073 | \$ 1,383,186 | \$ 9,481,700 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 3,464 | \$ 2,885 | \$ 5,793 | \$ 7,036 | \$ 7,014 | |
| Amenities | \$ 3,679 | \$ 3,064 | \$ 6,153 | \$ 7,474 | \$ 7,451 | |
| Roadway | \$ 18,066 | \$ 35,659 | \$ 51,554 | \$ 115,960 | \$ 115,603 | |
| Wastewater | \$ 760 | \$ 1,181 | \$ 2,371 | \$ 4,266 | \$ 4,253 | |
| Drainage | \$ 5,756 | \$ 8,740 | \$ 12,285 | \$ 9,474 | \$ 9,445 | |
| Trails, Landscaping and Parks | \$ 2,096 | \$ 4,138 | \$ 8,309 | \$ 13,456 | \$ 13,415 | |
| Subtotal per Developable Area for Phase 5 | \$ 33,821 | \$ 55,666 | \$ 86,465 | \$ 157,665 | \$ 157,180 | |
| Subtotal per Developable Area for Village 1 | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |
| Difference | \$ (15,600) | \$ (22,936) | \$ (36,108) | \$ (65,012) | \$ (65,245) | |

| Engineer's Opinion of Costs | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Village 1: Phase 5 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 40 | 128 | 229 | 362 | 158 | 917 |
| Acres | 19.8 | 32.1 | 28.6 | 20.1 | 8.8 | 109.4 |
| PFE Infrastructure Costs per Land Use for Phase 5 | | | | | | |
| Water | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Roadway | \$ 145,973 | \$ 467,115 | \$ 601,702 | \$ 951,162 | \$ 415,148 | \$ 2,581,100 |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 5 | \$ 145,973 | \$ 467,115 | \$ 601,702 | \$ 951,162 | \$ 415,148 | \$ 2,581,100 |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Roadway | \$ 7,372 | \$ 14,552 | \$ 21,039 | \$ 47,321 | \$ 47,176 | |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 5 | \$ 7,372 | \$ 14,552 | \$ 21,039 | \$ 47,321 | \$ 47,176 | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

| Engineer's Opinion of Costs | | | | | | |
|---|-------------|--------------|-------------|-------------|--------------|--------------|
| Village 1: Phase 6 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 18 | 455 | 105 | 0 | 164 | 742 |
| Acres | 9.1 | 113.7 | 13.1 | 0 | 9.1 | 145 |
| Infrastructure Costs per Land Use for Phase 6 | | | | | | |
| Water | \$ 28,958 | \$ 308,854 | \$ 71,274 | \$ - | \$ 60,115 | \$ 469,200 |
| Amenities | \$ 10,146 | \$ 108,217 | \$ 24,973 | \$ - | \$ 21,063 | \$ 164,400 |
| Roadway | \$ 72,942 | \$ 1,843,805 | \$ 306,355 | \$ - | \$ 478,498 | \$ 2,701,600 |
| Wastewater | \$ 9,431 | \$ 187,720 | \$ 43,320 | \$ - | \$ 54,129 | \$ 294,600 |
| Drainage | \$ 18,308 | \$ 355,991 | \$ 57,506 | \$ - | \$ 30,795 | \$ 462,600 |
| Trails, Landscaping and Parks | \$ 5,332 | \$ 134,785 | \$ 31,104 | \$ - | \$ 34,979 | \$ 206,200 |
| Subtotal for Phase 6 | \$ 145,117 | \$ 2,939,371 | \$ 534,533 | \$ - | \$ 679,579 | \$ 4,298,600 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 3,182 | \$ 2,716 | \$ 5,441 | \$ - | \$ 6,606 | |
| Amenities | \$ 1,115 | \$ 952 | \$ 1,906 | \$ - | \$ 2,315 | |
| Roadway | \$ 8,016 | \$ 16,216 | \$ 23,386 | \$ - | \$ 52,582 | |
| Wastewater | \$ 1,036 | \$ 1,651 | \$ 3,307 | \$ - | \$ 5,948 | |
| Drainage | \$ 2,012 | \$ 3,131 | \$ 4,390 | \$ - | \$ 3,384 | |
| Trails, Landscaping and Parks | \$ 586 | \$ 1,185 | \$ 2,374 | \$ - | \$ 3,844 | |
| Subtotal per Developable Area for Phase 6 | \$ 15,947 | \$ 25,852 | \$ 40,804 | \$ - | \$ 74,679 | |
| Subtotal per Developable Area for Village 1 | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ - | \$ 222,426 | |
| Difference | \$ (33,474) | \$ (52,750) | \$ (81,768) | \$ - | \$ (147,747) | |

| Engineer's Opinion of Costs | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Village 1: Phase 6 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 18 | 455 | 105 | 0 | 164 | 742 |
| Acres | 9.1 | 113.7 | 13.1 | 0 | 9.1 | 145 |
| PFE Infrastructure Costs per Land Use for Phase 6 | | | | | | |
| Water | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Roadway | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 6 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Roadway | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 6 | \$ - | \$ - | \$ - | \$ - | \$ - | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

| Engineer's Opinion of Costs | | | | | | |
|---|----------------------|-------------|-------------|-------------|-------------|----------------------|
| Village 1: Phase 7 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 93 | 0 | 0 | 0 | 0 | 93 |
| Acres | 46.3 | 0.0 | 0 | 0 | 0 | 46.3 |
| Infrastructure Costs per Land Use for Phase 6 | | | | | | |
| Water | \$ 570,000 | \$ - | \$ - | \$ - | \$ - | \$ 570,000 |
| Amenities | \$ 184,600 | \$ - | \$ - | \$ - | \$ - | \$ 184,600 |
| Roadway | \$ 9,026,300 | \$ - | \$ - | \$ - | \$ - | \$ 9,026,300 |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Drainage | \$ 185,000 | \$ - | \$ - | \$ - | \$ - | \$ 185,000 |
| Trails, Landscaping and Parks | \$ 177,600 | \$ - | \$ - | \$ - | \$ - | \$ 177,600 |
| Subtotal for Phase 7 | \$ 10,143,500 | \$ - | \$ - | \$ - | \$ - | \$ 10,143,500 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 12,311 | \$ - | \$ - | \$ - | \$ - | |
| Amenities | \$ 3,987 | \$ - | \$ - | \$ - | \$ - | |
| Roadway | \$ 194,952 | \$ - | \$ - | \$ - | \$ - | |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Drainage | \$ 3,996 | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ 3,836 | \$ - | \$ - | \$ - | \$ - | |
| Subtotal per Developable Area for Phase 7 | \$ 219,082 | \$ - | \$ - | \$ - | \$ - | |
| Subtotal per Developable Area for Village 1 | \$ 49,421 | \$ - | \$ - | \$ - | \$ - | |
| Difference | \$ 169,661 | \$ - | \$ - | \$ - | \$ - | |

| Engineer's Opinion of Costs | | | | | | |
|---|---------------------|-------------|-------------|-------------|-------------|---------------------|
| Village 1: Phase 7 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 93 | 0 | 0 | 0 | 0 | 93 |
| Acres | 46.3 | 0.0 | 0 | 0 | 0 | 46.3 |
| PFE Infrastructure Costs per Land Use for Phase 7 | | | | | | |
| Water | \$ 230,400 | \$ - | \$ - | \$ - | \$ - | \$ 230,400 |
| Amenities | \$ 29,300 | \$ - | \$ - | \$ - | \$ - | \$ 29,300 |
| Roadway | \$ 8,981,400 | \$ - | \$ - | \$ - | \$ - | \$ 8,981,400 |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 7 | \$ 9,241,100 | \$ - | \$ - | \$ - | \$ - | \$ 9,241,100 |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ 4,976 | \$ - | \$ - | \$ - | \$ - | |
| Amenities | \$ 633 | \$ - | \$ - | \$ - | \$ - | |
| Roadway | \$ 193,983 | \$ - | \$ - | \$ - | \$ - | |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 7 | \$ 199,592 | \$ - | \$ - | \$ - | \$ - | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

| Engineer's Opinion of Costs | | | | | | |
|---|------|------|-------------|------|------|------------|
| Village 1: Phase 8 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 0 | 0 | 71 | 0 | 0 | 71 |
| Acres | 0 | 0.0 | 8.9 | 0 | 0 | 8.9 |
| Infrastructure Costs per Land Use for Phase 8 | | | | | | |
| Water | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Roadway | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ 243,200 | \$ - | \$ - | \$ 243,200 |
| Subtotal for Phase 8 | \$ - | \$ - | \$ 243,200 | \$ - | \$ - | \$ 243,200 |
| Infrastructure Costs Per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Roadway | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ 27,326 | \$ - | \$ - | |
| Subtotal per Developable Area for Phase 8 | \$ - | \$ - | \$ 27,326 | \$ - | \$ - | |
| Subtotal per Developable Area for Village 1 | \$ - | \$ - | \$ 122,573 | \$ - | \$ - | |
| Difference | \$ - | \$ - | \$ (95,247) | \$ - | \$ - | |

| Engineer's Opinion of Costs | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Village 1: Phase 8 - Infrastructure Costs | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Number of Units | 0 | 0 | 71 | 0 | 0 | 71 |
| Acres | 0 | 0.0 | 8.9 | 0 | 0 | 8.9 |
| PFE Infrastructure Costs per Land Use for Phase 8 | | | | | | |
| Water | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Roadway | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Subtotal for Phase 8 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| PFE Infrastructure Costs per Land Use (Based on Developable Acres) | | | | | | |
| Water | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Amenities | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Roadway | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Wastewater | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Drainage | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Trails, Landscaping and Parks | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Subtotal for Phase 8 | \$ - | \$ - | \$ - | \$ - | \$ - | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18

**Cost Summaries per Phase
Consolidated
(Phases 1 thru 8)**

| Engineer's Opinion of Costs | | | | | | |
|--|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 1 & 2 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 1 & 2 Number of Units | 204 | 916 | 0 | 0 | 0 | 1120 |
| Total Acres | 102 | 229.1 | 0 | 0 | 0 | 331.1 |
| Infrastructure Costs per Land Use | \$ 6,645,700 | \$ 23,675,100 | \$ - | \$ - | \$ - | \$ 30,320,800 |
| (Owner Finance) Cost Per Acre | \$ 65,154 | \$ 103,340 | \$ - | \$ - | \$ - | |
| PFE Infrastructure Costs per Land Use | \$ 909,000 | \$ 3,265,300 | \$ - | \$ - | \$ - | \$ 4,174,300 |
| (Owner Finance) Cost Per Acre | \$ 8,912 | \$ 14,253 | \$ - | \$ - | \$ - | |
| Total Financed Construction Costs | \$ 7,554,700 | \$ 26,940,400 | \$ - | \$ - | \$ - | \$ 34,495,100 |
| (Owner Finance) Cost Per Acre | \$ 74,066 | \$ 117,592 | \$ - | \$ - | \$ - | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| PFE Credits from Collected Impact Fees | \$ (909,000) | \$ (3,265,300) | \$ - | \$ - | \$ - | \$ (4,174,300) |
| PFE Credit Per Acre | \$ (8,912) | \$ (14,253) | \$ - | \$ - | \$ - | |
| Additional Reimbursement from Village 1 Future Phases | \$ (1,604,757) | \$ (5,667,314) | \$ - | \$ - | \$ - | \$ (7,272,071) |
| Additional Reimbursement Per Acre | \$ (15,733) | \$ (24,737) | \$ - | \$ - | \$ - | |
| PFE Credits from Village 1 Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost Phase 1 & 2 | \$ 5,040,943 | \$ 18,007,786 | \$ - | \$ - | \$ - | \$ 23,048,729 |
| Net Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ - | \$ - | \$ - | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Net Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

| Engineer's Opinion of Costs | | | | | | |
|--|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 1 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 1 Number of Units | 28 | 505 | 0 | 0 | 0 | 533 |
| Total Acres | 13.8 | 126.3 | 0 | 0 | 0 | 140.1 |
| Infrastructure Costs per Land Use | \$ 1,634,791 | \$ 23,110,909 | \$ - | \$ - | \$ - | \$ 24,745,700 |
| (Owner Finance) Cost Per Acre | \$ 118,463 | \$ 182,984 | \$ - | \$ - | \$ - | |
| PFE Infrastructure Costs per Land Use | \$ 244,470 | \$ 3,571,730 | \$ - | \$ - | \$ - | \$ 3,816,200 |
| (Owner Finance) Cost Per Acre | \$ 17,715 | \$ 28,280 | \$ - | \$ - | \$ - | |
| Total Financed Construction Costs | \$ 1,879,261 | \$ 26,682,639 | \$ - | \$ - | \$ - | \$ 28,561,900 |
| (Owner Finance) Cost Per Acre | \$ 136,178 | \$ 211,264 | \$ - | \$ - | \$ - | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| PFE Credits from Collected Impact Fees | \$ (244,470) | \$ (3,571,730) | \$ - | \$ - | \$ - | \$ (3,816,200) |
| PFE Credit Per Acre | \$ (17,715) | \$ (28,280) | \$ - | \$ - | \$ - | |
| Additional Reimbursement from Village 1 Future Phases | \$ (952,781) | \$ (13,183,439) | \$ - | \$ - | \$ - | \$ (14,136,220) |
| Additional Reimbursement Per Acre | \$ (69,042) | \$ (104,382) | \$ - | \$ - | \$ - | |
| PFE Credits from Village 1 Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost for Phase 1 | \$ 682,010 | \$ 9,927,470 | \$ - | \$ - | \$ - | \$ 10,609,480 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ - | \$ - | \$ - | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

| Engineer's Opinion of Costs | | | | | | |
|--|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 2 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 2 Number of Units | 176 | 411 | 0 | 0 | 0 | 587 |
| Total Acres | 88.2 | 102.8 | 0 | 0 | 0 | 191 |
| Infrastructure Costs per Land Use | \$ 1,962,736 | \$ 3,612,364 | \$ - | \$ - | \$ - | \$ 5,575,100 |
| (Owner Finance) Cost Per Acre | \$ 22,253 | \$ 35,140 | \$ - | \$ - | \$ - | |
| PFE Infrastructure Costs per Land Use | \$ 150,875 | \$ 207,225 | \$ - | \$ - | \$ - | \$ 358,100 |
| (Owner Finance) Cost Per Acre | \$ 1,711 | \$ 2,016 | \$ - | \$ - | \$ - | |
| Total Financed Construction Costs | \$ 2,113,611 | \$ 3,819,589 | \$ - | \$ - | \$ - | \$ 5,933,200 |
| (Owner Finance) Cost Per Acre | \$ 23,964 | \$ 37,156 | \$ - | \$ - | \$ - | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| PFE Credits from Collected Impact Fees | \$ (150,875) | \$ (207,225) | \$ - | \$ - | \$ - | \$ (358,100) |
| PFE Credit Per Acre | \$ (1,711) | \$ (2,016) | \$ - | \$ - | \$ - | |
| Additional Reimbursement paid to Village 1 | \$ 2,396,196 | \$ 4,467,953 | \$ - | \$ - | \$ - | \$ 6,864,149 |
| Additional Reimbursement Per Acre | \$ 27,168 | \$ 43,463 | \$ - | \$ - | \$ - | |
| PFE Credits from Village 1 Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost for Phase 2 | \$ 4,358,933 | \$ 8,080,316 | \$ - | \$ - | \$ - | \$ 12,439,249 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ - | \$ - | \$ - | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

| Engineer's Opinion of Costs | | | | | | |
|---|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 3 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 3 Number of Units | 0 | 562 | 136 | 0 | 196 | 894 |
| Total Acres | 0 | 140.3 | 17 | 0 | 10.9 | 168.2 |
| Infrastructure Costs per Land Use | \$ - | \$ 10,638,267 | \$ 2,084,659 | \$ - | \$ 2,274,175 | \$ 14,997,100 |
| (Owner Finance) Cost Per Acre | \$ - | \$ 75,825 | \$ 122,627 | \$ - | \$ 208,640 | |
| PFE Infrastructure Costs per Land Use | \$ - | \$ 5,611,901 | \$ 1,039,245 | \$ - | \$ 1,361,854 | \$ 8,013,000 |
| (Owner Finance) Cost Per Acre | \$ - | \$ 39,999 | \$ 61,132 | \$ - | \$ 124,941 | |
| Total Financed Construction Costs | \$ - | \$ 16,250,167 | \$ 3,123,904 | \$ - | \$ 3,636,029 | \$ 23,010,100 |
| (Owner Finance) Cost Per Acre | \$ - | \$ 115,824 | \$ 183,759 | \$ - | \$ 333,581 | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| Potential PFE Reimbursement from Collected Impact Fees¹ | \$ - | \$ (5,611,901) | \$ (1,039,245) | \$ - | \$ (1,361,854) | \$ (8,013,000) |
| PFE Credit Per Acre | \$ - | \$ (39,999) | \$ (61,132) | \$ - | \$ (124,941) | |
| Additional Reimbursement paid to Village 1 | \$ - | \$ 389,636 | \$ (926) | \$ - | \$ 150,265 | \$ 538,975 |
| Additional Reimbursement Per Acre | \$ - | \$ 2,777 | \$ (54) | \$ - | \$ 13,786 | |
| PFE Cash Reserve from Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost for Phase 3 | \$ - | \$ 11,027,902 | \$ 2,083,733 | \$ - | \$ 2,424,439 | \$ 15,536,075 |
| Cost Per Acre | \$ - | \$ 78,602 | \$ 122,573 | \$ - | \$ 222,426 | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

1. Potential PFE reimbursement from issued building permits if all permits from prior phases have been issued. If not all building permits have been issued, PFE reimbursement may be available in subsequent phases.

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

| Engineer's Opinion of Costs | | | | | | |
|---|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 4 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 4 Number of Units | 114 | 29 | 187 | 157 | 184 | 671 |
| Total Acres | 57 | 7.3 | 23.4 | 8.7 | 10.2 | 106.6 |
| Infrastructure Costs per Land Use | \$ 2,454,241 | \$ 509,917 | \$ 2,556,797 | \$ 1,786,460 | \$ 2,093,686 | \$ 9,401,100 |
| (Owner Finance) Cost Per Acre | \$ 43,057 | \$ 69,852 | \$ 109,265 | \$ 205,340 | \$ 205,263 | |
| PFE Infrastructure Costs per Land Use | \$ 1,194,156 | \$ 212,916 | \$ 1,056,789 | \$ 531,147 | \$ 622,491 | \$ 3,617,500 |
| (Owner Finance) Cost Per Acre | \$ 20,950 | \$ 29,167 | \$ 45,162 | \$ 61,051 | \$ 61,029 | |
| Total Financed Construction Costs | \$ 3,648,397 | \$ 722,833 | \$ 3,613,586 | \$ 2,317,607 | \$ 2,716,177 | \$ 13,018,600 |
| (Owner Finance) Cost Per Acre | \$ 64,007 | \$ 99,018 | \$ 154,427 | \$ 266,392 | \$ 266,292 | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| Potential PFE Reimbursement from Collected Impact Fees¹ | \$ (1,194,156) | \$ (212,916) | \$ (1,056,789) | \$ (531,147) | \$ (622,491) | \$ (3,617,500) |
| PFE Credit Per Acre | \$ (20,950) | \$ (29,167) | \$ (45,162) | \$ (61,051) | \$ (61,029) | |
| Additional Reimbursement paid to Village 1 | \$ 362,757 | \$ 63,880 | \$ 311,401 | \$ 150,831 | \$ 175,056 | \$ 1,063,924 |
| Additional Reimbursement Per Acre | \$ 6,364 | \$ 8,751 | \$ 13,308 | \$ 17,337 | \$ 17,162 | |
| PFE Cash Reserve from Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost for Phase 4 | \$ 2,816,997 | \$ 573,797 | \$ 2,868,197 | \$ 1,937,291 | \$ 2,268,742 | \$ 10,465,024 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

1. Potential PFE reimbursement from issued building permits if all permits from prior phases have been issued. If not all building permits have been issued, PFE reimbursement may be available in subsequent phases.

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

| Engineer's Opinion of Costs | | | | | | |
|---|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 5 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 5 Number of Units | 40 | 128 | 229 | 362 | 158 | 917 |
| Total Acres | 19.8 | 32.1 | 28.6 | 20.1 | 8.8 | 109.4 |
| Infrastructure Costs per Land Use | \$ 669,661 | \$ 1,786,892 | \$ 2,472,888 | \$ 3,169,073 | \$ 1,383,186 | \$ 9,481,700 |
| (Owner Finance) Cost Per Acre | \$ 33,821 | \$ 55,666 | \$ 86,465 | \$ 157,665 | \$ 157,180 | |
| PFE Infrastructure Costs per Land Use | \$ 145,973 | \$ 467,115 | \$ 601,702 | \$ 951,162 | \$ 415,148 | \$ 2,581,100 |
| (Owner Finance) Cost Per Acre | \$ 7,372 | \$ 14,552 | \$ 21,039 | \$ 47,321 | \$ 47,176 | |
| Total Financed Construction Costs | \$ 815,635 | \$ 2,254,006 | \$ 3,074,590 | \$ 4,120,235 | \$ 1,798,334 | \$ 12,062,800 |
| (Owner Finance) Cost Per Acre | \$ 41,194 | \$ 70,218 | \$ 107,503 | \$ 204,987 | \$ 204,356 | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| Potential PFE Reimbursement from Collected Impact Fees¹ | \$ (145,973) | \$ (467,115) | \$ (601,702) | \$ (951,162) | \$ (415,148) | \$ (2,581,100) |
| PFE Credit Per Acre | \$ (7,372) | \$ (14,552) | \$ (21,039) | \$ (47,321) | \$ (47,176) | |
| Additional Reimbursement paid to Village 1 | \$ 308,875 | \$ 736,242 | \$ 1,032,686 | \$ 1,306,737 | \$ 574,159 | \$ 3,958,699 |
| Additional Reimbursement Per Acre | \$ 15,600 | \$ 22,936 | \$ 36,108 | \$ 65,012 | \$ 65,245 | |
| PFE Cash Reserve from Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost for Phase 5 | \$ 978,536 | \$ 2,523,134 | \$ 3,505,574 | \$ 4,475,809 | \$ 1,957,346 | \$ 13,440,399 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

1. Potential PFE reimbursement from issued building permits if all permits from prior phases have been issued. If not all building permits have been issued, PFE reimbursement may be available in subsequent phases.

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

| Engineer's Opinion of Costs | | | | | | |
|---|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 6 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 6 Number of Units | 18 | 455 | 105 | 0 | 164 | 742 |
| Total Acres | 9.1 | 113.7 | 13.1 | 0 | 9.1 | 145 |
| Infrastructure Costs per Land Use | \$ 145,117 | \$ 2,939,371 | \$ 534,533 | \$ - | \$ 679,579 | \$ 4,298,600 |
| (Owner Finance) Cost Per Acre | \$ 15,947 | \$ 25,852 | \$ 40,804 | \$ - | \$ 74,679 | |
| PFE Infrastructure Costs per Land Use | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| (Owner Finance) Cost Per Acre | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total Financed Construction Costs | \$ 145,117 | \$ 2,939,371 | \$ 534,533 | \$ - | \$ 679,579 | \$ 4,298,600 |
| (Owner Finance) Cost Per Acre | \$ 15,947 | \$ 25,852 | \$ 40,804 | \$ - | \$ 74,679 | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| Potential PFE Reimbursement from Collected Impact Fees¹ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| PFE Credit Per Acre | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Additional Reimbursement paid to Village 1 | \$ 304,614 | \$ 5,997,710 | \$ 1,071,167 | \$ - | \$ 1,344,495 | \$ 8,717,986 |
| Additional Reimbursement Per Acre | \$ 33,474 | \$ 52,750 | \$ 81,768 | \$ - | \$ 147,747 | |
| PFE Cash Reserve from Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost for Phase 6 | \$ 449,731 | \$ 8,937,081 | \$ 1,605,700 | \$ - | \$ 2,024,073 | \$ 13,016,586 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ - | \$ 222,426 | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

1. Potential PFE reimbursement from issued building permits if all permits from prior phases have been issued. If not all building permits have been issued, PFE reimbursement may be available in subsequent phases.

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

| Engineer's Opinion of Costs | | | | | | |
|---|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 7 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 7 Number of Units | 93 | 0 | 0 | 0 | 0 | 93 |
| Total Acres | 46.3 | 0 | 0 | 0 | 0 | 46.3 |
| Infrastructure Costs per Land Use | \$ 10,143,500 | \$ - | \$ - | \$ - | \$ - | \$ 10,143,500 |
| (Owner Finance) Cost Per Acre | \$ 219,082 | \$ - | \$ - | \$ - | \$ - | |
| PFE Infrastructure Costs per Land Use | \$ 9,241,100 | \$ - | \$ - | \$ - | \$ - | \$ 9,241,100 |
| (Owner Finance) Cost Per Acre | \$ 199,592 | \$ - | \$ - | \$ - | \$ - | |
| Total Financed Construction Costs | \$ 19,384,600 | \$ - | \$ - | \$ - | \$ - | \$ 19,384,600 |
| (Owner Finance) Cost Per Acre | \$ 418,674 | \$ - | \$ - | \$ - | \$ - | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| Potential PFE Reimbursement from Collected Impact Fees¹ | \$ (9,241,100) | \$ - | \$ - | \$ - | \$ - | \$ (9,241,100) |
| PFE Credit Per Acre | \$ (199,592) | \$ - | \$ - | \$ - | \$ - | |
| Additional Reimbursement from Village 1 | \$ (7,855,307) | \$ - | \$ - | \$ - | \$ - | \$ (7,855,307) |
| Additional Reimbursement Per Acre | \$ (169,661) | \$ - | \$ - | \$ - | \$ - | |
| PFE Cash Reserve from Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost for Phase 7 | \$ 2,288,193 | \$ - | \$ - | \$ - | \$ - | \$ 2,288,193 |
| Cost Per Acre | \$ 49,421 | \$ - | \$ - | \$ - | \$ - | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

1. Potential PFE reimbursement from issued building permits if all permits from prior phases have been issued. If not all building permits have been issued, PFE reimbursement may be available in subsequent phases.

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

| Engineer's Opinion of Costs | | | | | | |
|---|----------------|-----------------|----------------|----------------|----------------|-----------------|
| Village 1: Overall Comparison with Phase 8 - Consolidated | | | | | | |
| (Costs per Land Use Based on PFE Weighted Factor) | | | | | | |
| | VCE | VLDR | VMDR | VHDR | VMU | Total |
| Village 1 Number of Units | 469 | 2090 | 728 | 519 | 702 | 4508 |
| Phase 8 Number of Units | 0 | 0 | 71 | 0 | 0 | 71 |
| Total Acres | 0 | 0 | 8.9 | 0 | 0 | 8.9 |
| Infrastructure Costs per Land Use | \$ - | \$ - | \$ 243,200 | \$ - | \$ - | \$ 243,200 |
| (Owner Finance) Cost Per Acre | \$ - | \$ - | \$ 27,326 | \$ - | \$ - | |
| PFE Infrastructure Costs per Land Use | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| (Owner Finance) Cost Per Acre | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total Financed Construction Costs | \$ - | \$ - | \$ 243,200 | \$ - | \$ - | \$ 243,200 |
| (Owner Finance) Cost Per Acre | \$ - | \$ - | \$ 27,326 | \$ - | \$ - | |
| Total Costs for Overall Village 1 | \$ 15,310,200 | \$ 55,476,700 | \$ 14,939,400 | \$ 8,835,600 | \$ 11,951,100 | \$ 106,513,000 |
| Village 1 Total Cost Per Acre | \$ 65,372 | \$ 106,176 | \$ 164,169 | \$ 306,792 | \$ 306,438 | |
| Potential PFE Reimbursement from Collected Impact Fees¹ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| PFE Credit Per Acre | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Additional Reimbursement paid to Village 1 | \$ - | \$ - | \$ 847,695 | \$ - | \$ - | \$ 847,695 |
| Additional Reimbursement Per Acre | \$ - | \$ - | \$ 95,247 | \$ - | \$ - | |
| PFE Cash Reserve from Collected Impact Fees | \$ (3,735,800) | \$ (14,407,000) | \$ (3,785,300) | \$ (2,422,500) | \$ (3,276,500) | \$ (27,627,100) |
| Village 1 PFE Credit Per Acre | \$ (15,951) | \$ (27,573) | \$ (41,597) | \$ (84,115) | \$ (84,013) | |
| Net Cost for Phase 8 | \$ - | \$ - | \$ 1,090,895 | \$ - | \$ - | \$ 1,090,895 |
| Cost Per Acre | \$ - | \$ - | \$ 122,573 | \$ - | \$ - | |
| Net Cost for Village 1 | \$ 11,574,400 | \$ 41,069,700 | \$ 11,154,100 | \$ 6,413,100 | \$ 8,674,600 | \$ 78,885,900 |
| Cost Per Acre | \$ 49,421 | \$ 78,602 | \$ 122,573 | \$ 222,677 | \$ 222,426 | |

1. Potential PFE reimbursement from issued building permits if all permits from prior phases have been issued. If not all building permits have been issued, PFE reimbursement may be available in subsequent phases.

Developable area is from the Specific Plan.
 EDU per Acre is as follows: VCE 2, VLDR 4,
 VMDR 8, VHDR 18, VMU 18
 Based on Projected Units

APPENDIX 13
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Water PFE Costs

| Engineer's Opinion of Costs | | | | | |
|-----------------------------|--|------|----------|------------|------------------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 7,145 | \$100 | \$714,500 |
| 4 | 16" Water Line (Required Improvement) | LF | 7,145 | -\$85 | -\$607,300 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 200 | \$150 | \$30,000 |
| 8 | 16" Water Line (Required Improvement) | LF | 200 | -\$85 | -\$17,000 |
| 9 | 30" Water Line | LF | 2,840 | \$175 | \$497,100 |
| 10 | 16" Water Line (Required Improvement) | LF | 2,840 | -\$85 | -\$241,500 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 15 | \$8,500 | \$127,500 |
| 14 | 16" Water Valve (Required Improvement) | EA | 15 | -\$6,500 | -\$97,500 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 3 | \$35,000 | \$105,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 5 | -\$6,500 | -\$32,500 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$478,300 |

Contingency Based upon Hard Costs (15%): \$71,800

Soft Costs Contingency (17%): \$81,300

TOTAL WATER SYSTEM \$631,400

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

Engineer's Opinion of Costs
Village 1 - Backbone Water
PFE Credit Phase 1 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|----------------------------|--|------|----------|------------|------------------|
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 7,145 | \$100 | \$714,500 |
| 4 | 16" Water Line (Required Improvement) | LF | 7,145 | -\$85 | -\$607,300 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 200 | \$150 | \$30,000 |
| 8 | 16" Water Line (Required Improvement) | LF | 200 | -\$85 | -\$17,000 |
| 9 | 30" Water Line | LF | 1,710 | \$175 | \$299,300 |
| 10 | 16" Water Line (Required Improvement) | LF | 1,710 | -\$85 | -\$145,400 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 15 | \$8,500 | \$127,500 |
| 14 | 16" Water Valve (Required Improvement) | EA | 15 | -\$6,500 | -\$97,500 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 2 | \$35,000 | \$70,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 3 | -\$6,500 | -\$19,500 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$354,600 |

Contingency Based upon Hard Costs (15%): \$53,200

Soft Costs Contingency (17%): \$60,300

TOTAL WATER SYSTEM \$468,100

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|---|---|------|----------|------------|-----------------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Phase 1 Oak Tree Lane 5 (V1W2) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 500 | \$175 | \$87,500 |
| 10 | 16" Water Line (Required Improvement) | LF | 500 | -\$85 | -\$42,500 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 1 | \$35,000 | \$35,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 1 | -\$6,500 | -\$6,500 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$73,500 |

Contingency Based upon Hard Costs (15%): \$11,000

Soft Costs Contingency (17%): \$12,500

TOTAL WATER SYSTEM \$97,000

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|---|---|------|----------|------------|-----------------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Phase 1 Oak Tree Lane 7 (V1W2) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 210 | \$175 | \$36,800 |
| 10 | 16" Water Line (Required Improvement) | LF | 210 | -\$85 | -\$17,900 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$18,900 |

Contingency Based upon Hard Costs (15%): \$2,800

Soft Costs Contingency (17%): \$3,200

TOTAL WATER SYSTEM \$24,900

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|---|---|------|----------|------------|------------------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Phase 1 Oak Tree Lane 8 (V1W3) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 1,000 | \$175 | \$175,000 |
| 10 | 16" Water Line (Required Improvement) | LF | 1,000 | -\$85 | -\$85,000 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 1 | \$35,000 | \$35,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$112,000 |

Contingency Based upon Hard Costs (15%): \$16,900

Soft Costs Contingency (17%): \$19,100

TOTAL WATER SYSTEM \$148,000

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|---|---|------|----------|------------|-----------------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Phase 1 Oak Tree Lane 9 (V1W4-5) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 2,660 | \$100 | \$266,000 |
| 4 | 16" Water Line (Required Improvement) | LF | 2,660 | -\$85 | -\$226,100 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 200 | \$150 | \$30,000 |
| 8 | 16" Water Line (Required Improvement) | LF | 200 | -\$85 | -\$17,000 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 5 | \$8,500 | \$42,500 |
| 14 | 16" Water Valve (Required Improvement) | EA | 5 | -\$6,500 | -\$32,500 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$62,900 |

Contingency Based upon Hard Costs (15%): \$9,400

Soft Costs Contingency (17%): \$10,700

TOTAL WATER SYSTEM \$83,000

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|--|---|------|----------|------------|-----------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Phase 1 State Route 193 1 (V1W10) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 830 | \$100 | \$83,000 |
| 4 | 16" Water Line (Required Improvement) | LF | 830 | -\$85 | -\$70,500 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 2 | \$8,500 | \$17,000 |
| 14 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$16,500 |

Contingency Based upon Hard Costs (15%): \$2,500

Soft Costs Contingency (17%): \$2,800

TOTAL WATER SYSTEM \$21,800

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|--|--|------|----------|------------|-----------------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Phase 1 State Route 193 2 (V1W10) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 1,340 | \$100 | \$134,000 |
| 4 | 16" Water Line (Required Improvement) | LF | 1,340 | -\$85 | -\$113,900 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 3 | \$8,500 | \$25,500 |
| 14 | 16" Water Valve (Required Improvement) | EA | 3 | -\$6,500 | -\$19,500 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$26,100 |

Contingency Based upon Hard Costs (15%): \$3,900

Soft Costs Contingency (17%): \$4,400

TOTAL WATER SYSTEM \$34,400

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|--|--|------|----------|------------|-----------------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Phase 1 State Route 193 3 (V1W10) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 1,975 | \$100 | \$197,500 |
| 4 | 16" Water Line (Required Improvement) | LF | 1,975 | -\$85 | -\$167,900 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 4 | \$8,500 | \$34,000 |
| 14 | 16" Water Valve (Required Improvement) | EA | 4 | -\$6,500 | -\$26,000 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$37,600 |

Contingency Based upon Hard Costs (15%): \$5,600

Soft Costs Contingency (17%): \$6,400

TOTAL WATER SYSTEM \$49,600

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

Village 1 - Backbone Water
PFE Credit Phase 1 State Route 193 4 (V1W10)

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|----------------------------|---|------|----------|------------|----------------|
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 340 | \$100 | \$34,000 |
| 4 | 16" Water Line (Required Improvement) | LF | 340 | -\$85 | -\$28,900 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 1 | \$8,500 | \$8,500 |
| 14 | 16" Water Valve (Required Improvement) | EA | 1 | -\$6,500 | -\$6,500 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$7,100 |

Contingency Based upon Hard Costs (15%): \$1,100

Soft Costs Contingency (17%): \$1,200

TOTAL WATER SYSTEM \$9,400

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

Engineer's Opinion of Costs
Village 1 - Backbone Water
PFE Credit Phase 2 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|----------------------------|--|------|----------|------------|------------------|
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 1,130 | \$175 | \$197,800 |
| 10 | 16" Water Line (Required Improvement) | LF | 1,130 | -\$85 | -\$96,100 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 1 | \$35,000 | \$35,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$123,700 |

Contingency Based upon Hard Costs (15%): \$18,600

Soft Costs Contingency (17%): \$21,000

TOTAL WATER SYSTEM \$163,300

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|---|---|------|----------|------------|------------------|
| Village 1 - Backbone Water | | | | | |
| PFE Credit Phase 2 Oak Tree Lane 4 (V1W2) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 1,130 | \$175 | \$197,800 |
| 10 | 16" Water Line (Required Improvement) | LF | 1,130 | -\$85 | -\$96,100 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 1 | \$35,000 | \$35,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$123,700 |

Contingency Based upon Hard Costs (15%): \$18,600

Soft Costs Contingency (17%): \$21,000

TOTAL WATER SYSTEM \$163,300

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

Engineer's Opinion of Costs
Village 1 - Backbone Water
PFE Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|----------------------------|--|------|----------|------------|------------------|
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 1,400 | \$100 | \$140,000 |
| 4 | 16" Water Line (Required Improvement) | LF | 1,400 | -\$85 | -\$119,000 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 550 | \$200 | \$110,000 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 550 | -\$135 | -\$74,300 |
| 7 | 24" Water Line | LF | 5,020 | \$150 | \$753,100 |
| 8 | 16" Water Line (Required Improvement) | LF | 5,020 | -\$85 | -\$426,700 |
| 9 | 30" Water Line | LF | 2,940 | \$175 | \$514,600 |
| 10 | 16" Water Line (Required Improvement) | LF | 2,940 | -\$85 | -\$250,000 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 3 | \$8,500 | \$25,500 |
| 14 | 16" Water Valve (Required Improvement) | EA | 3 | -\$6,500 | -\$19,500 |
| 15 | 24" Water Valve | EA | 5 | \$30,000 | \$150,000 |
| 16 | 16" Water Valve (Required Improvement) | EA | 10 | -\$6,500 | -\$65,000 |
| 17 | 30" Water Valve | EA | 3 | \$35,000 | \$105,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 6 | -\$6,500 | -\$39,000 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 2 | \$50,000 | \$100,000 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 2 | -\$34,000 | -\$68,000 |
| 25 | Demolish and Remove Existing 20" Water | LF | 2 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$836,700 |

Contingency Based upon Hard Costs (15%): \$125,400

Soft Costs Contingency (17%): \$142,200

TOTAL WATER SYSTEM \$1,104,300

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|-----------------------------|---|------|----------|------------|------------------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 3 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 4,055 | \$150 | \$608,300 |
| 8 | 16" Water Line (Required Improvement) | LF | 4,055 | -\$85 | -\$344,700 |
| 9 | 30" Water Line | LF | 1,130 | \$175 | \$197,800 |
| 10 | 16" Water Line (Required Improvement) | LF | 1,130 | -\$85 | -\$96,100 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 4 | \$30,000 | \$120,000 |
| 16 | 16" Water Valve (Required Improvement) | EA | 8 | -\$6,500 | -\$52,000 |
| 17 | 30" Water Valve | EA | 1 | \$35,000 | \$35,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$455,300 |

Contingency Based upon Hard Costs (15%): \$68,300

Soft Costs Contingency (17%): \$77,400

TOTAL WATER SYSTEM \$601,000

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|------------------------------------|---|------|----------|------------|-----------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 3 Oak Tree Lane 3 (V1W2) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 1,130 | \$175 | \$197,800 |
| 10 | 16" Water Line (Required Improvement) | LF | 1,130 | -\$85 | -\$96,100 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 1 | \$35,000 | \$35,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$123,700 |

Contingency Based upon Hard Costs (15%): \$18,600

Soft Costs Contingency (17%): \$21,000

TOTAL WATER SYSTEM \$163,300

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|---|------|----------|------------|------------------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 3 Oak Tree Lane 10 (V1W6) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 3,090 | \$150 | \$463,500 |
| 8 | 16" Water Line (Required Improvement) | LF | 3,090 | -\$85 | -\$262,700 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 3 | \$30,000 | \$90,000 |
| 16 | 16" Water Valve (Required Improvement) | EA | 6 | -\$6,500 | -\$39,000 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$251,800 |

Contingency Based upon Hard Costs (15%): \$37,700

Soft Costs Contingency (17%): \$42,800

TOTAL WATER SYSTEM \$332,300

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|------------|-----------------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 3 Oak Tree Lane 11 (V1W7) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 965 | \$150 | \$144,800 |
| 8 | 16" Water Line (Required Improvement) | LF | 965 | -\$85 | -\$82,000 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 1 | \$30,000 | \$30,000 |
| 16 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$79,800 |

Contingency Based upon Hard Costs (15%): \$12,000

Soft Costs Contingency (17%): \$13,600

TOTAL WATER SYSTEM \$105,400

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|-----------------------------|---|------|----------|------------|------------------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 4 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 1,810 | \$175 | \$316,800 |
| 10 | 16" Water Line (Required Improvement) | LF | 1,810 | -\$85 | -\$153,900 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 2 | \$35,000 | \$70,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 4 | -\$6,500 | -\$26,000 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$206,900 |

Contingency Based upon Hard Costs (15%): \$31,000

Soft Costs Contingency (17%): \$35,200

TOTAL WATER SYSTEM \$273,100

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|--|--|------|----------|------------|------------------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 4 Oak Tree Lane to Water Tank 2 (V1W1) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 1,810 | \$175 | \$316,800 |
| 10 | 16" Water Line (Required Improvement) | LF | 1,810 | -\$85 | -\$153,900 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 2 | \$35,000 | \$70,000 |
| 18 | 16" Water Valve (Required Improvement) | EA | 4 | -\$6,500 | -\$26,000 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$206,900 |

Contingency Based upon Hard Costs (15%): \$31,000

Soft Costs Contingency (17%): \$35,200

TOTAL WATER SYSTEM \$273,100

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

Engineer's Opinion of Costs
Village 1 - Backbone Water
PFE Phase 7 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|----------------------------|---|------|----------|------------|------------------|
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 1,400 | \$100 | \$140,000 |
| 4 | 16" Water Line (Required Improvement) | LF | 1,400 | -\$85 | -\$119,000 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 550 | \$200 | \$110,000 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 550 | -\$135 | -\$74,300 |
| 7 | 24" Water Line | LF | 965 | \$150 | \$144,800 |
| 8 | 16" Water Line (Required Improvement) | LF | 965 | -\$85 | -\$82,000 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 3 | \$8,500 | \$25,500 |
| 14 | 16" Water Valve (Required Improvement) | EA | 3 | -\$6,500 | -\$19,500 |
| 15 | 24" Water Valve | EA | 1 | \$30,000 | \$30,000 |
| 16 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 2 | \$50,000 | \$100,000 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 2 | -\$34,000 | -\$68,000 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$174,500 |

Contingency Based upon Hard Costs (15%): \$26,200

Soft Costs Contingency (17%): \$29,700

TOTAL WATER SYSTEM \$230,400

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|---|------|----------|------------|----------------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 7 Oak Tree Lane 12 (V1W8) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 140 | \$150 | \$21,000 |
| 8 | 16" Water Line (Required Improvement) | LF | 140 | -\$85 | -\$11,900 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$9,100 |

Contingency Based upon Hard Costs (15%): \$1,400

Soft Costs Contingency (17%): \$1,500

TOTAL WATER SYSTEM \$12,000

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|---|------|----------|------------|------------------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 7 Oak Tree Lane 13 (V1W8) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 0 | \$100 | \$0 |
| 4 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 550 | \$200 | \$110,000 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 550 | -\$135 | -\$74,300 |
| 7 | 24" Water Line | LF | 825 | \$150 | \$123,800 |
| 8 | 16" Water Line (Required Improvement) | LF | 825 | -\$85 | -\$70,100 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 0 | \$8,500 | \$0 |
| 14 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 15 | 24" Water Valve | EA | 1 | \$30,000 | \$30,000 |
| 16 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 2 | \$50,000 | \$100,000 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 2 | -\$34,000 | -\$68,000 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$138,400 |

Contingency Based upon Hard Costs (15%): \$20,700

Soft Costs Contingency (17%): \$23,600

TOTAL WATER SYSTEM \$182,700

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

Engineer's Opinion of Costs
Village 1 - Backbone Water
PFE Phase 7 Virginiatown Road 1 (V1W9)

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|----------------------------|--|------|----------|------------|-----------------|
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 800 | \$100 | \$80,000 |
| 4 | 16" Water Line (Required Improvement) | LF | 800 | -\$85 | -\$68,000 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 2 | \$8,500 | \$17,000 |
| 14 | 16" Water Valve (Required Improvement) | EA | 2 | -\$6,500 | -\$13,000 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$16,000 |

Contingency Based upon Hard Costs (15%): \$2,400

Soft Costs Contingency (17%): \$2,700

TOTAL WATER SYSTEM \$21,100

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

| Engineer's Opinion of Costs | | | | | |
|--|---|------|----------|------------|-----------|
| Village 1 - Backbone Water | | | | | |
| PFE Phase 7 Virginiatown Road 2 (V1W9) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Water System | | | | | |
| 1 | 12" Water Line | LF | 0 | \$70 | \$0 |
| 2 | 16" Water Line | LF | 0 | \$85 | \$0 |
| 3 | 18" Water Line | LF | 600 | \$100 | \$60,000 |
| 4 | 16" Water Line (Required Improvement) | LF | 600 | -\$85 | -\$51,000 |
| 5 | 24" Water Line across Auburn Ravine Bridge * | LF | 0 | \$200 | \$0 |
| 6 | 16" Water Line across Auburn Ravine Bridge * (Required Improvement) | LF | 0 | -\$135 | \$0 |
| 7 | 24" Water Line | LF | 0 | \$150 | \$0 |
| 8 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 9 | 30" Water Line | LF | 0 | \$175 | \$0 |
| 10 | 16" Water Line (Required Improvement) | LF | 0 | -\$85 | \$0 |
| 11 | 12" Water Valve | EA | 0 | \$3,000 | \$0 |
| 12 | 16" Water Valve | EA | 0 | \$6,500 | \$0 |
| 13 | 18" Water Valve | EA | 1 | \$8,500 | \$8,500 |
| 14 | 16" Water Valve (Required Improvement) | EA | 1 | -\$6,500 | -\$6,500 |
| 15 | 24" Water Valve | EA | 0 | \$30,000 | \$0 |
| 16 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 17 | 30" Water Valve | EA | 0 | \$35,000 | \$0 |
| 18 | 16" Water Valve (Required Improvement) | EA | 0 | -\$6,500 | \$0 |
| 19 | Pressure Reducing Valve | EA | 0 | \$75,000 | \$0 |
| 20 | Air Release Valve | EA | 0 | \$3,000 | \$0 |
| 21 | Fire Hydrant w/Tee & Valves (FH / 500') | EA | 0 | \$6,000 | \$0 |
| 22 | Bore and Jack (Across Auburn Ravine)** | EA | 0 | \$700 | \$0 |
| 23 | Flex Joints on Auburn Ravine Bridge (24" Water) | EA | 0 | \$50,000 | \$0 |
| 24 | Flex Joints on Auburn Ravine Bridge (16" Water) (Required Improvement) | EA | 0 | -\$34,000 | \$0 |
| 25 | Demolish and Remove Existing 20" Water | LF | 0 | \$20 | \$0 |
| 26 | Transmission Main Tank Connection | LS | 0 | \$22,000 | \$0 |
| 27 | Transmission Main Connection | LS | 0 | \$10,000 | \$0 |
| Construction Total: | | | | | \$11,000 |

Contingency Based upon Hard Costs (15%): \$1,700

Soft Costs Contingency (17%): \$1,900

TOTAL WATER SYSTEM \$14,600

* Assumes that water will be completed in conjunction with the sewer bore and jack.

**Including restrained joints and brackets

APPENDIX 14
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Drainage PFE Costs

| Engineer's Opinion of Costs | | | | | |
|------------------------------|---|------|----------|-------------|--------------------|
| Village 1 - Drainage | | | | | |
| PFE Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Storm Drainage System | | | | | |
| Village 1 | | | | | |
| 1 | 12" SD Line | LF | 0 | \$50 | \$0 |
| 2 | 15" SD Line | LF | 0 | \$60 | \$0 |
| 3 | 18" SD Line | LF | 0 | \$75 | \$0 |
| 4 | 24" SD Line | LF | 0 | \$85 | \$0 |
| 5 | 30" SD Line | LF | 0 | \$110 | \$0 |
| 6 | 36" SD Line | LF | 0 | \$125 | \$0 |
| 7 | 42" SD Line | LF | 0 | \$150 | \$0 |
| 8 | 48" SD Line | LF | 0 | \$180 | \$0 |
| 9 | 60" SD Line | LF | 0 | \$190 | \$0 |
| 10 | Standard 48" SDMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 11 | Trunk 60" SDMH (MH/400') | EA | 0 | \$8,500 | \$0 |
| 12 | 18" Culvert Extension | LF | 0 | \$125 | \$0 |
| 13 | 24" Culvert Extension | LF | 0 | \$150 | \$0 |
| 14 | 36" Culvert Extension | LF | 0 | \$225 | \$0 |
| 15 | Headwall Retrofit | EA | 0 | \$12,500 | \$0 |
| 16 | Drainage Inlet | EA | 0 | \$2,650 | \$0 |
| 17 | Drainage Inlet and Retrofit Pipe | EA | 0 | \$5,000 | \$0 |
| 18 | Grassy Swale | EA | 0 | \$5,000 | \$0 |
| 19 | Stormwater Quality Basin | EA | 0 | \$25,000 | \$0 |
| 20 | Outfall | LS | 0 | \$9,000 | \$0 |
| 21 | Culvert - 12'x5' Arch Culvert - Oak Tree near new Lake | EA | 0 | \$450,000 | \$90,000 |
| 22 | Culvert - 12'x5' Arch Culvert and 48" Culvert - Oak Tree near Regional Park * | EA | 0 | \$525,000 | \$0 |
| 23 | NID Box Culvert Expansion | EA | 0 | \$75,000 | \$0 |
| 24 | Culvert - 12'x5.5' Arch Culvert - North South Collector near State Route 193 | EA | 0 | \$400,000 | \$0 |
| 25 | Culvert - 30" Culvert - Oak Tree Lane and South Ingram Slough East of No. So. Collector | EA | 0 | \$100,000 | \$0 |
| 26 | Wetland Mitigation - Oak Tree Lane Overcrossing ** | EA | 0 | \$300,000 | \$0 |
| 27 | CLOMR and LOMR - Auburn Ravine next to Ferrari Ranch Road | JOB | 0 | \$80,000 | \$0 |
| 28 | Retrofit Lake outlet and berm*** | EA | 1 | \$1,000,000 | \$1,000,000 |
| 29 | Grading | CY | 0 | \$4 | \$0 |
| 30 | Auburn Ravine Bank Stabilization | SF | 0 | \$1 | \$0 |
| 31 | Auburn Ravine Hydroseed | SF | 0 | \$0 | \$0 |
| 32 | Auburn Ravine Armoring | SF | 0 | \$15 | \$0 |
| 33 | Auburn Ravine Tree Planting | EA | 0 | \$100 | \$0 |
| Construction Total: | | | | | \$1,090,000 |

* Includes traffic control and demolition of existing culverts.

Contingency Based upon Hard Costs (15%): \$163,500

** Estimated costs, actual cost will be developed in conjunction with environmental consultant.

Soft Costs Contingency (17%): \$185,300

*** Further consultation will be required with geotechnical and environmental consultants to determine actual cost to retrofit lake outfall, berm and wetland permit.

TOTAL DRAINAGE **\$1,438,800**

| Engineer's Opinion of Costs | | | | | |
|------------------------------|---|------|----------|-------------|-----------------|
| Village 1 - Drainage | | | | | |
| PFE Phase 3 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Storm Drainage System | | | | | |
| Village 1 | | | | | |
| 1 | 12" SD Line | LF | 0 | \$50 | \$0 |
| 2 | 15" SD Line | LF | 0 | \$60 | \$0 |
| 3 | 18" SD Line | LF | 0 | \$75 | \$0 |
| 4 | 24" SD Line | LF | 0 | \$85 | \$0 |
| 5 | 30" SD Line | LF | 0 | \$110 | \$0 |
| 6 | 36" SD Line | LF | 0 | \$125 | \$0 |
| 7 | 42" SD Line | LF | 0 | \$150 | \$0 |
| 8 | 48" SD Line | LF | 0 | \$180 | \$0 |
| 9 | 60" SD Line | LF | 0 | \$190 | \$0 |
| 10 | Standard 48" SDMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 11 | Trunk 60" SDMH (MH/400') | EA | 0 | \$8,500 | \$0 |
| 12 | 18" Culvert Extension | LF | 0 | \$125 | \$0 |
| 13 | 24" Culvert Extension | LF | 0 | \$150 | \$0 |
| 14 | 36" Culvert Extension | LF | 0 | \$225 | \$0 |
| 15 | Headwall Retrofit | EA | 0 | \$12,500 | \$0 |
| 16 | Drainage Inlet | EA | 0 | \$2,650 | \$0 |
| 17 | Drainage Inlet and Retrofit Pipe | EA | 0 | \$5,000 | \$0 |
| 18 | Grassy Swale | EA | 0 | \$5,000 | \$0 |
| 19 | Stormwater Quality Basin | EA | 0 | \$25,000 | \$0 |
| 20 | Outfall | LS | 0 | \$9,000 | \$0 |
| 21 | Culvert - 12'x5' Arch Culvert - Oak Tree near new Lake | EA | 0 | \$450,000 | \$90,000 |
| 22 | Culvert - 12'x5' Arch Culvert and 48" Culvert - Oak Tree near Regional Park * | EA | 0 | \$525,000 | \$0 |
| 23 | NID Box Culvert Expansion | EA | 0 | \$75,000 | \$0 |
| 24 | Culvert - 12'x5.5' Arch Culvert - North South Collector near State Route 193 | EA | 0 | \$400,000 | \$0 |
| 25 | Culvert - 30" Culvert - Oak Tree Lane and South Ingram Slough East of No. So. Collector | EA | 0 | \$100,000 | \$0 |
| 26 | Wetland Mitigation - Oak Tree Lane Overcrossing ** | EA | 0 | \$300,000 | \$0 |
| 27 | CLOMR and LOMR - Auburn Ravine next to Ferrari Ranch Road | JOB | 0 | \$80,000 | \$0 |
| 28 | Retrofit Lake outlet and berm*** | EA | 0 | \$1,000,000 | \$0 |
| 29 | Grading | CY | 0 | \$4 | \$0 |
| 30 | Auburn Ravine Bank Stabilization | SF | 0 | \$1 | \$0 |
| 31 | Auburn Ravine Hydroseed | SF | 0 | \$0 | \$0 |
| 32 | Auburn Ravine Armoring | SF | 0 | \$15 | \$0 |
| 33 | Auburn Ravine Tree Planting | EA | 0 | \$100 | \$0 |
| Construction Total: | | | | | \$90,000 |

* Includes traffic control and demolition of existing culverts.

Contingency Based upon Hard Costs (15%): \$13,500

** Estimated costs, actual cost will be developed in conjunction with environmental consultant.

Soft Costs Contingency (17%): \$15,300

*** Further consultation will be required with geotechnical and environmental

TOTAL DRAINAGE **\$118,800**

consultants to determine actual cost to retrofit lake outfall, berm and wetland permit.

| Engineer's Opinion of Costs | | | | | |
|--------------------------------|---|------|----------|-------------|-----------------|
| Village 1 - Drainage | | | | | |
| Phase 3 Oak Tree Lane 7 (V1R8) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Storm Drainage System | | | | | |
| Village 1 | | | | | |
| 1 | 12" SD Line | LF | 0 | \$50 | \$0 |
| 2 | 15" SD Line | LF | 0 | \$60 | \$0 |
| 3 | 18" SD Line | LF | 0 | \$75 | \$0 |
| 4 | 24" SD Line | LF | 0 | \$85 | \$0 |
| 5 | 30" SD Line | LF | 0 | \$110 | \$0 |
| 6 | 36" SD Line | LF | 0 | \$125 | \$0 |
| 7 | 42" SD Line | LF | 0 | \$150 | \$0 |
| 8 | 48" SD Line | LF | 0 | \$180 | \$0 |
| 9 | 60" SD Line | LF | 0 | \$190 | \$0 |
| 10 | Standard 48" SDMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 11 | Trunk 60" SDMH (MH/400') | EA | 0 | \$8,500 | \$0 |
| 12 | 18" Culvert Extension | LF | 0 | \$125 | \$0 |
| 13 | 24" Culvert Extension | LF | 0 | \$150 | \$0 |
| 14 | 36" Culvert Extension | LF | 0 | \$225 | \$0 |
| 15 | Headwall Retrofit | EA | 0 | \$12,500 | \$0 |
| 16 | Drainage Inlet | EA | 0 | \$2,650 | \$0 |
| 17 | Drainage Inlet and Retrofit Pipe | EA | 0 | \$5,000 | \$0 |
| 18 | Grassy Swale | EA | 0 | \$5,000 | \$0 |
| 19 | Stormwater Quality Basin | EA | 0 | \$25,000 | \$0 |
| 20 | Outfall | LS | 0 | \$9,000 | \$0 |
| 21 | Culvert - 12'x5' Arch Culvert - Oak Tree near new Lake | EA | 0.2 | \$450,000 | \$90,000 |
| 22 | Culvert - 12'x5' Arch Culvert and 48" Culvert - Oak Tree near Regional Park * | EA | 0 | \$525,000 | \$0 |
| 23 | NID Box Culvert Expansion | EA | 0 | \$75,000 | \$0 |
| 24 | Culvert - 12'x5.5' Arch Culvert - North South Collector near State Route 193 | EA | 0 | \$400,000 | \$0 |
| 25 | Culvert - 30" Culvert - Oak Tree Lane and South Ingram Slough East of No. So. Collector | EA | 0 | \$100,000 | \$0 |
| 26 | Wetland Mitigation - Oak Tree Lane Overcrossing ** | EA | 0 | \$300,000 | \$0 |
| 27 | CLOMR and LOMR - Auburn Ravine next to Ferrari Ranch Road | JOB | 0 | \$80,000 | \$0 |
| 28 | Retrofit Lake outlet and berm*** | EA | 0 | \$1,000,000 | \$0 |
| 29 | Grading | CY | 0 | \$4 | \$0 |
| 30 | Auburn Ravine Bank Stabilization | SF | 0 | \$1 | \$0 |
| 31 | Auburn Ravine Hydroseed | SF | 0 | \$0 | \$0 |
| 32 | Auburn Ravine Armoring | SF | 0 | \$15 | \$0 |
| 33 | Auburn Ravine Tree Planting | EA | 0 | \$100 | \$0 |
| Construction Total: | | | | | \$90,000 |

* Includes traffic control and demolition of existing culverts.

Contingency Based upon Hard Costs (15%): \$13,500

** Estimated costs, actual cost will be developed in conjunction with environmental consultant.

Soft Costs Contingency (17%): \$15,300

*** Further consultation will be required with geotechnical and environmental consultants to determine actual cost to retrofit lake outfall, berm and wetland permit.

TOTAL DRAINAGE **\$118,800**

| Engineer's Opinion of Costs | | | | | |
|------------------------------|---|------|----------|-------------|--------------------|
| Village 1 - Drainage | | | | | |
| PFE Phase 4 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Storm Drainage System | | | | | |
| Village 1 | | | | | |
| 1 | 12" SD Line | LF | 0 | \$50 | \$0 |
| 2 | 15" SD Line | LF | 0 | \$60 | \$0 |
| 3 | 18" SD Line | LF | 0 | \$75 | \$0 |
| 4 | 24" SD Line | LF | 0 | \$85 | \$0 |
| 5 | 30" SD Line | LF | 0 | \$110 | \$0 |
| 6 | 36" SD Line | LF | 0 | \$125 | \$0 |
| 7 | 42" SD Line | LF | 0 | \$150 | \$0 |
| 8 | 48" SD Line | LF | 0 | \$180 | \$0 |
| 9 | 60" SD Line | LF | 0 | \$190 | \$0 |
| 10 | Standard 48" SDMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 11 | Trunk 60" SDMH (MH/400') | EA | 0 | \$8,500 | \$0 |
| 12 | 18" Culvert Extension | LF | 0 | \$125 | \$0 |
| 13 | 24" Culvert Extension | LF | 0 | \$150 | \$0 |
| 14 | 36" Culvert Extension | LF | 0 | \$225 | \$0 |
| 15 | Headwall Retrofit | EA | 0 | \$12,500 | \$0 |
| 16 | Drainage Inlet | EA | 0 | \$2,650 | \$0 |
| 17 | Drainage Inlet and Retrofit Pipe | EA | 0 | \$5,000 | \$0 |
| 18 | Grassy Swale | EA | 0 | \$5,000 | \$0 |
| 19 | Stormwater Quality Basin | EA | 0 | \$25,000 | \$0 |
| 20 | Outfall | LS | 0 | \$9,000 | \$0 |
| 21 | Culvert - 12'x5' Arch Culvert - Oak Tree near new Lake | EA | 0 | \$450,000 | \$0 |
| 22 | Culvert - 12'x5' Arch Culvert and 48" Culvert - Oak Tree near Regional Park * | EA | 0 | \$525,000 | \$0 |
| 23 | NID Box Culvert Expansion | EA | 0 | \$75,000 | \$0 |
| 24 | Culvert - 12'x5.5' Arch Culvert - North South Collector near State Route 193 | EA | 0 | \$400,000 | \$0 |
| 25 | Culvert - 30" Culvert - Oak Tree Lane and South Ingram Slough East of No. So. Collector | EA | 0 | \$100,000 | \$0 |
| 26 | Wetland Mitigation - Oak Tree Lane Overcrossing ** | EA | 0 | \$300,000 | \$0 |
| 27 | CLOMR and LOMR - Auburn Ravine next to Ferrari Ranch Road | JOB | 0 | \$80,000 | \$0 |
| 28 | Retrofit Lake outlet and berm*** | EA | 1 | \$1,000,000 | \$1,000,000 |
| 29 | Grading | CY | 0 | \$4 | \$0 |
| 30 | Auburn Ravine Bank Stabilization | SF | 0 | \$1 | \$0 |
| 31 | Auburn Ravine Hydroseed | SF | 0 | \$0 | \$0 |
| 32 | Auburn Ravine Armoring | SF | 0 | \$15 | \$0 |
| 33 | Auburn Ravine Tree Planting | EA | 0 | \$100 | \$0 |
| Construction Total: | | | | | \$1,000,000 |

* Includes traffic control and demolition of existing culverts.

Contingency Based upon Hard Costs (15%): \$150,000

** Estimated costs, actual cost will be developed in conjunction with environmental consultant.

Soft Costs Contingency (17%): \$170,000

*** Further consultation will be required with geotechnical and environmental consultants to determine actual cost to retrofit lake outfall, berm and wetland permit.

TOTAL DRAINAGE \$1,320,000

| Engineer's Opinion of Costs | | | | | |
|-----------------------------------|---|------|----------|-------------|--------------------|
| Village 1 - Drainage | | | | | |
| PFE Phase 4 Drainage Basin (V1D1) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Storm Drainage System | | | | | |
| Village 1 | | | | | |
| 1 | 12" SD Line | LF | 0 | \$50 | \$0 |
| 2 | 15" SD Line | LF | 0 | \$60 | \$0 |
| 3 | 18" SD Line | LF | 0 | \$75 | \$0 |
| 4 | 24" SD Line | LF | 0 | \$85 | \$0 |
| 5 | 30" SD Line | LF | 0 | \$110 | \$0 |
| 6 | 36" SD Line | LF | 0 | \$125 | \$0 |
| 7 | 42" SD Line | LF | 0 | \$150 | \$0 |
| 8 | 48" SD Line | LF | 0 | \$180 | \$0 |
| 9 | 60" SD Line | LF | 0 | \$190 | \$0 |
| 10 | Standard 48" SDMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 11 | Trunk 60" SDMH (MH/400') | EA | 0 | \$8,500 | \$0 |
| 12 | 18" Culvert Extension | LF | 0 | \$125 | \$0 |
| 13 | 24" Culvert Extension | LF | 0 | \$150 | \$0 |
| 14 | 36" Culvert Extension | LF | 0 | \$225 | \$0 |
| 15 | Headwall Retrofit | EA | 0 | \$12,500 | \$0 |
| 16 | Drainage Inlet | EA | 0 | \$2,650 | \$0 |
| 17 | Drainage Inlet and Retrofit Pipe | EA | 0 | \$5,000 | \$0 |
| 18 | Grassy Swale | EA | 0 | \$5,000 | \$0 |
| 19 | Stormwater Quality Basin | EA | 0 | \$25,000 | \$0 |
| 20 | Outfall | LS | 0 | \$9,000 | \$0 |
| 21 | Culvert - 12'x5' Arch Culvert - Oak Tree near new Lake | EA | 0 | \$450,000 | \$0 |
| 22 | Culvert - 12'x5' Arch Culvert and 48" Culvert - Oak Tree near Regional Park * | EA | 0 | \$525,000 | \$0 |
| 23 | NID Box Culvert Expansion | EA | 0 | \$75,000 | \$0 |
| 24 | Culvert - 12'x5.5' Arch Culvert - North South Collector near State Route 193 | EA | 0 | \$400,000 | \$0 |
| 25 | Culvert - 30" Culvert - Oak Tree Lane and South Ingram Slough East of No. So. Collector | EA | 0 | \$100,000 | \$0 |
| 26 | Wetland Mitigation - Oak Tree Lane Overcrossing ** | EA | 0 | \$300,000 | \$0 |
| 27 | CLOMR and LOMR - Auburn Ravine next to Ferrari Ranch Road | JOB | 0 | \$80,000 | \$0 |
| 28 | Retrofit Lake outlet and berm*** | EA | 1 | \$1,000,000 | \$1,000,000 |
| 29 | Grading | CY | 0 | \$4 | \$0 |
| 30 | Auburn Ravine Bank Stabilization | SF | 0 | \$1 | \$0 |
| 31 | Auburn Ravine Hydroseed | SF | 0 | \$0 | \$0 |
| 32 | Auburn Ravine Armoring | SF | 0 | \$15 | \$0 |
| 33 | Auburn Ravine Tree Planting | EA | 0 | \$100 | \$0 |
| Construction Total: | | | | | \$1,000,000 |

* Includes traffic control and demolition of existing culverts.

Contingency Based upon Hard Costs (15%): \$150,000

** Estimated costs, actual cost will be developed in conjunction with environmental consultant.

Soft Costs Contingency (17%): \$170,000

*** Further consultation will be required with geotechnical and environmental consultants to determine actual cost to retrofit lake outfall, berm and wetland permit.

TOTAL DRAINAGE **\$1,320,000**

APPENDIX 15
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Wastewater PFE Costs

| Engineer's Opinion of Costs | | | | | |
|------------------------------|--|------|----------|------------|------------|
| Village 1 - Sanitary Sewer | | | | | |
| PFE Credit Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 680 | \$165 | \$112,200 |
| 6 | 12" SS Backbone Line (Required Improvement) | LF | 680 | -\$75 | -\$51,000 |
| 7 | 30" SS Trunk Line | LF | 2615 | \$200 | \$523,000 |
| 8 | 12" SS Backbone Line (Required Improvement) | LF | 2615 | -\$75 | -\$196,200 |
| 9 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 10 | Trunk SSMH (MH/400') | EA | 8 | \$8,500 | \$68,000 |
| 11 | Standard SSMH (MH/400' - Required Improvement) | EA | 8 | -\$4,250 | -\$34,100 |
| 12 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 13 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 14 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$421,900 |

Contingency Based upon Hard Costs (15%): \$63,200

Soft Costs Contingency (17%): \$71,700

TOTAL SANITARY SEWER \$556,800

| Engineer's Opinion of Costs Village 1 - Sanitary Sewer PFE Credit Phase 1 Summary | | | | | |
|---|--|------|----------|------------|------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 0 | \$165 | \$0 |
| 6 | 12" SS Backbone Line (Required Improvement) | LF | 0 | -\$75 | \$0 |
| 7 | 30" SS Trunk Line | LF | 2025 | \$200 | \$405,000 |
| 8 | 12" SS Backbone Line (Required Improvement) | LF | 2025 | -\$75 | -\$151,900 |
| 9 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 10 | Trunk SSMH (MH/400') | EA | 5 | \$8,500 | \$42,500 |
| 11 | Standard SSMH (MH/400' - Required Improvement) | EA | 5 | -\$4,250 | -\$21,300 |
| 12 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 13 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 14 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$274,300 |

Contingency Based upon Hard Costs (15%): \$41,100

Soft Costs Contingency (17%): \$46,600

TOTAL SANITARY SEWER \$362,000

| Engineer's Opinion of Costs | | | | | |
|--|--|------|----------|------------|------------------|
| Village 1 - Sanitary Sewer | | | | | |
| PFE Credit Phase 1 Ferrari Ranch Road 1 (V1S1) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 0 | \$165 | \$0 |
| 6 | 12" SS Backbone Line (Required Improvement) | LF | 0 | \$200 | \$0 |
| 7 | 30" SS Trunk Line | LF | 2025 | \$200 | \$405,000 |
| 8 | 12" SS Backbone Line (Required Improvement) | LF | 2025 | -\$75 | -\$151,900 |
| 9 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 10 | Trunk SSMH (MH/400') | EA | 5 | \$8,500 | \$42,500 |
| 11 | Standard SSMH (MH/400' - Required Improvement) | EA | 5 | -\$4,250 | -\$21,300 |
| 12 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 13 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 14 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$274,300 |

Contingency Based upon Hard Costs (15%): \$41,100
 Soft Costs Contingency (17%): \$46,600

TOTAL SANITARY SEWER \$362,000

| Engineer's Opinion of Costs Village 1 - Sanitary Sewer PFE Credit Phase 2 Summary | | | | | |
|---|--|------|----------|------------|------------------|
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 680 | \$165 | \$112,200 |
| 6 | 12" SS Backbone Line (Required Improvement) | LF | 680 | -\$75 | -\$51,000 |
| 7 | 30" SS Trunk Line | LF | 590 | \$200 | \$118,000 |
| 8 | 12" SS Backbone Line (Required Improvement) | LF | 590 | -\$75 | -\$44,300 |
| 9 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 10 | Trunk SSMH (MH/400') | EA | 3 | \$8,500 | \$25,500 |
| 11 | Standard SSMH (MH/400' - Required Improvement) | EA | 3 | -\$4,250 | -\$12,800 |
| 12 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 13 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 14 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$147,600 |

Contingency Based upon Hard Costs (15%): \$22,100

Soft Costs Contingency (17%): \$25,100

TOTAL SANITARY SEWER \$194,800

| Engineer's Opinion of Costs | | | | | |
|--|--|------|----------|------------|-----------------|
| Village 1 - Sanitary Sewer | | | | | |
| PFE Credit Phase 2 Ferrari Ranch Road 2 (V1S2) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 0 | \$165 | \$0 |
| 6 | 12" SS Backbone Line (Required Improvement) | LF | 0 | -\$75 | \$0 |
| 7 | 30" SS Trunk Line | LF | 590 | \$200 | \$118,000 |
| 8 | 12" SS Backbone Line (Required Improvement) | LF | 590 | -\$75 | -\$44,300 |
| 9 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 10 | Trunk SSMH (MH/400') | EA | 1 | \$8,500 | \$8,500 |
| 11 | Standard SSMH (MH/400' - Required Improvement) | EA | 1 | -\$4,250 | -\$4,300 |
| 12 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 13 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 14 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$77,900 |

Contingency Based upon Hard Costs (15%): \$11,600
 Soft Costs Contingency (17%): \$13,300

TOTAL SANITARY SEWER \$102,800

| Engineer's Opinion of Costs | | | | | |
|--|--|------|----------|------------|-----------------|
| Village 1 - Sanitary Sewer | | | | | |
| PFE Credit Phase 2 Ferrari Ranch Road 3 (V1S2) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 680 | \$165 | \$112,200 |
| 6 | 12" SS Backbone Line (Required Improvement) | LF | 680 | -\$75 | -\$51,000 |
| 7 | 30" SS Trunk Line | LF | 0 | \$200 | \$0 |
| 8 | 12" SS Backbone Line (Required Improvement) | LF | 0 | -\$75 | \$0 |
| 9 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 10 | Trunk SSMH (MH/400') | EA | 2 | \$8,500 | \$17,000 |
| 11 | Standard SSMH (MH/400' - Required Improvement) | EA | 2 | -\$4,250 | -\$8,500 |
| 12 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 13 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 14 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$69,700 |

Contingency Based upon Hard Costs (15%): \$10,500

Soft Costs Contingency (17%): \$11,800

TOTAL SANITARY SEWER \$92,000

| Engineer's Opinion of Costs | | | | | |
|------------------------------|--|------|----------|------------|-----------|
| Village 1 - Sanitary Sewer | | | | | |
| PFE Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 1790 | \$165 | \$295,400 |
| 7 | 30" SS Trunk Line | LF | 0 | \$200 | \$0 |
| 9 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 10 | Trunk SSMH (MH/400') | EA | 4 | \$8,500 | \$34,000 |
| 12 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 13 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 14 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$329,400 |

Contingency Based upon Hard Costs (15%): \$49,400
 Soft Costs Contingency (17%): \$56,000

TOTAL SANITARY SEWER \$434,800

Engineer's Opinion of Costs
Village 1 - Sanitary Sewer
PFE Phase 3 Summary

| Item # | Description | Unit | Quantity | Unit Price | Amount |
|------------------------------|--|------|----------|------------|------------------|
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 1790 | \$165 | \$295,400 |
| 6 | 30" SS Trunk Line | LF | 0 | \$200 | \$0 |
| 7 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 8 | Trunk SSMH (MH/400') | EA | 4 | \$8,500 | \$34,000 |
| 9 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 10 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 11 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$329,400 |

Contingency Based upon Hard Costs (15%): \$49,400
Soft Costs Contingency (17%): \$56,000

TOTAL SANITARY SEWER \$434,800

| Engineer's Opinion of Costs | | | | | |
|---|--|------|----------|------------|------------------|
| Village 1 - Sanitary Sewer | | | | | |
| PFE Phase 3 Ferrari Ranch Road 4 (V1S3) | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Sanitary Sewer System | | | | | |
| Village 1 | | | | | |
| 1 | 10" SS Backbone Line | LF | 0 | \$65 | \$0 |
| 2 | 12" SS Backbone Line | LF | 0 | \$75 | \$0 |
| 3 | 15" SS Backbone Line | LF | 0 | \$100 | \$0 |
| 4 | 18" SS Backbone Line | LF | 0 | \$120 | \$0 |
| 5 | 24" SS Trunk Line | LF | 1790 | \$165 | \$295,400 |
| 6 | 30" SS Trunk Line | LF | 0 | \$200 | \$0 |
| 7 | Standard SSMH (MH/400') | EA | 0 | \$4,250 | \$0 |
| 8 | Trunk SSMH (MH/400') | EA | 4 | \$8,500 | \$34,000 |
| 9 | Sanitary Sewer Lift Station | EA | 0 | \$300,000 | \$0 |
| 10 | Connection to Existing Transmission Main | EA | 0 | \$22,500 | \$0 |
| 11 | Bore and Jack (Across Auburn Ravine) | LF | 0 | \$900 | \$0 |
| Construction Total: | | | | | \$329,400 |

Contingency Based upon Hard Costs (15%): \$49,400
 Soft Costs Contingency (17%): \$56,000

TOTAL SANITARY SEWER \$434,800

APPENDIX 16
Lincoln Village 1 Specific Plan
Infrastructure Finance Plan
Roadway System PFE Costs

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|--------------------|
| Village 1 - Backbone Roadway System | | | | | |
| PFE Credit Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 0 | \$50,000.00 | \$10,000 |
| 2 | Excavation | CY | 4856 | \$7.00 | \$34,000 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 16020 | \$1.80 | \$28,800 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 101349 | \$2.25 | \$228,000 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 101349 | \$2.70 | \$273,600 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 65562 | \$2.50 | \$163,900 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 65562 | \$4.00 | \$262,200 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 166911 | \$0.25 | \$41,700 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 16020 | \$0.30 | \$4,800 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 5863 | \$15.00 | \$87,900 |
| 15 | Traffic Signals | EA | 2 | \$320,000.00 | \$640,000 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 10680 | \$6.00 | \$64,100 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 890 | \$115.00 | \$102,400 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 1780 | \$12.00 | \$21,400 |
| 23 | Median Landscaping | SF | 10680 | \$4.50 | \$48,100 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 1780 | \$27.00 | \$48,100 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 6 | \$6,000.00 | \$36,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 1780 | \$25.00 | \$44,500 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane - North) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 5235 | \$2.00 | \$10,500 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$2,150,000 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$322,500

Soft Costs Contingency (17%): \$365,500

| Engineer's Opinion of Costs | | | | | |
|-------------------------------------|--|------|----------|----------------|--------------------|
| Village 1 - Backbone Roadway System | | | | | |
| PFE Credit Phase 1 Summary | | | | | |
| Item # | Description | Unit | Quantity | Unit Price | Amount |
| Backbone Roadway System | | | | | |
| 1 | Mobilization | JOB | 0 | \$50,000.00 | \$10,000 |
| 2 | Excavation | CY | 4856 | \$7.00 | \$34,000 |
| 3 | 4" AB (Under Curb & Gutter and Sidewalk) | SF | 16020 | \$1.80 | \$28,800 |
| 4 | 16" AB (assumes a Traffic Index of 9) | SF | 101349 | \$2.25 | \$228,000 |
| 5 | 5" AC (assumes a Traffic Index of 9) | SF | 101349 | \$2.70 | \$273,600 |
| 6 | 18" AB (assumes a Traffic Index of 11) | SF | 65562 | \$2.50 | \$163,900 |
| 7 | 7" AC (assumes a Traffic Index of 11) | SF | 65562 | \$4.00 | \$262,200 |
| 8 | Decomposed Granite Trail (4' width, 4" thick) | SF | 0 | \$1.80 | \$0 |
| 9 | 4" AB Shoulder (2' width) | SF | 0 | \$1.20 | \$0 |
| 10 | Subgrade Street Prep (Street) | SF | 166911 | \$0.25 | \$41,700 |
| 11 | Subgrade Prep (Curb & Gutter) | SF | 16020 | \$0.30 | \$4,800 |
| 12 | Subgrade Prep (AB Shoulder) | SF | 0 | \$0.30 | \$0 |
| 13 | Subgrade Prep (DG Trail) | SF | 0 | \$0.30 | \$0 |
| 14 | Signing and Striping (36' ROW)* | LF | 5863 | \$15.00 | \$87,900 |
| 15 | Traffic Signals | EA | 2 | \$320,000.00 | \$640,000 |
| 16 | Future Traffic Signal | EA | 0 | \$275,000.00 | \$0 |
| 17 | Signalized Intersection | EA | 0 | \$900,000.00 | \$0 |
| 18 | Sidewalk, Concrete | SF | 10680 | \$6.00 | \$64,100 |
| 19 | Roundabout | EA | 0 | \$100,000.00 | \$0 |
| 20 | Joint Trench | LF | 890 | \$115.00 | \$102,400 |
| 21 | Underground Existing Utilities in Joint Trench | LF | 0 | \$360.00 | \$0 |
| 22 | Type 5 Curb Median | LF | 1780 | \$12.00 | \$21,400 |
| 23 | Median Landscaping | SF | 10680 | \$4.50 | \$48,100 |
| 24 | Frontage Landscaping | SF | 0 | \$4.50 | \$0 |
| 25 | Signal Conduit and Wiring | EA | 0 | \$75,000.00 | \$0 |
| 26 | Curb and Gutter | LF | 1780 | \$27.00 | \$48,100 |
| 27 | AC Driveway (Per Approx. 12' wide) | EA | 0 | \$960.00 | \$0 |
| 28 | Irrigation Sleeves | LF | 0 | \$15.00 | \$0 |
| 29 | Street Lights (every 150 LF) | EA | 6 | \$6,000.00 | \$36,000 |
| 30 | Sawcut and Pavement Removal Median | LF | 0 | \$20.00 | \$0 |
| 31 | Sawcut and Pavement Removal | LF | 0 | \$3.00 | \$0 |
| 32 | Reconstruct Ditches | LF | 0 | \$3.00 | \$0 |
| 33 | Erosion Control | LF | 1780 | \$25.00 | \$44,500 |
| 34 | ROW Acquisition (Ferrari Ranch Road) ** | LS | 0 | \$100,000.00 | \$0 |
| 35 | ROW Acquisition (Oak Tree Lane) ** | LS | 0 | \$500,000.00 | \$0 |
| 36 | ROW Acquisition (Oak Tree Lane - South) *** | LS | 0 | \$50,000.00 | \$0 |
| 37 | Grind and Remove Pavement | SF | 0 | \$3.00 | \$0 |
| 38 | Grind and Overlay | SF | 5235 | \$2.00 | \$10,500 |
| 39 | Retrofit Utilities | EA | 0 | \$3,000.00 | \$0 |
| 40 | Dewatering - Ferrari Ranch Road | EA | 0 | \$25,000.00 | \$0 |
| 41 | Dewatering - Oak Tree near So. Ingram Slough | EA | 0 | \$50,000.00 | \$0 |
| 42 | Dewatering - Oak Tree near new lake | EA | 0 | \$75,000.00 | \$0 |
| 43 | Golf Course Fence and Netting | LF | 0 | \$133.00 | \$0 |
| 44 | Split Rail Fencing | LF | 0 | \$45.00 | \$0 |
| 45 | FRR Supplemental Topo + Aerial Topo | JOB | 0 | \$12,500.00 | \$0 |
| 46 | Remediation Trench and Monitoring | JOB | 0 | \$1,000,000.00 | \$0 |
| 47 | Traffic Control | JOB | 0 | \$100,000.00 | \$0 |
| 48 | Traffic Control Oak Tree Lane | JOB | 0 | \$250,000.00 | \$0 |
| 49 | Bridge (at Auburn Ravine on Oak Tree Lane) | EA | 0 | \$5,500,000.00 | \$0 |
| Construction Total: | | | | | \$2,150,000 |

* Cost per linear foot of roadway.

** ROW Acquisition includes mapping, purchasing the land,

*** ROW Acquisition includes mapping.

Contingency Based upon Hard Costs (15%): \$322,500

Soft Costs Contingency (17%): \$365,500

TOTAL CIRCULATION \$2,838,000