

Project 2 - Off Site Improvements
Project 2 - Railroad Ave. Improvements
Proposed Touro University Village
 Reuse Area 1A, North Mare Island, City of Vallejo, Solano County, CA
 9/21/2007

| Description | Quantity | Unit | Unit Price | Cost |
|---|----------|------|--------------|-----------------------|
| Site Prep & Grading | | | | |
| Mobilization | 1 | LS | \$20,000.00 | \$20,000.00 |
| Precise Street Grading | 182,700 | SF | \$0.10 | \$18,270.00 |
| Site Prep & Grading Subtotal | | | | \$38,270.00 |
| Street Improvements | | | | |
| 6" Median Curb | 4,160 | LF | \$15.00 | \$62,400.00 |
| 6" Curb & Gutter | 4,300 | LF | \$18.00 | \$77,400.00 |
| 4" Sidewalk | 21,100 | SF | \$5.00 | \$105,500.00 |
| Pedestrian Ramp | 18 | EA | \$850.00 | \$15,300.00 |
| Subgrade Preparation & Balance | 161,400 | SF | \$0.85 | \$137,190.00 |
| Pavement Seal | 161,400 | CY | \$0.45 | \$72,630.00 |
| 7.0" AC / 22" AB Pavement | 14,440 | CY | \$200.00 | \$2,888,000.00 |
| Pedestrian/Bike Path | 0 | SF | \$6.00 | \$0.00 |
| Striping | 16,000 | LF | \$0.40 | \$6,400.00 |
| Signage | 12 | EA | \$500.00 | \$6,000.00 |
| Street Lights | 10 | EA | \$3,500.00 | \$35,000.00 |
| Traffic Signals | 2 | EA | \$360,000.00 | \$720,000.00 |
| Traffic Control | 1 | LS | \$15,000.00 | \$15,000.00 |
| ROW Landscaping | 52,960 | SF | \$5.25 | \$278,040.00 |
| Street Trees | 43 | EA | \$315.00 | \$13,545.00 |
| Street Improvements Subtotal | | | | \$4,432,405.00 |
| Storm Drainage | | | | |
| 18" RCP w/ bedding & backfill | 475 | LF | \$94.00 | \$44,650.00 |
| 24" RCP w/ bedding & backfill | 150 | LF | \$125.00 | \$18,750.00 |
| 36" RCP w/ bedding & backfill | 1,285 | LF | \$187.00 | \$240,295.00 |
| Manholes | 5 | EA | \$5,000.00 | \$25,000.00 |
| Catch Basins | 8 | EA | \$5,500.00 | \$44,000.00 |
| Storm Drainage Subtotal | | | | \$372,695.00 |
| Sewer System | | | | |
| 8" Main w/ Backfill & Bedding | 0 | LF | \$62.50 | \$0.00 |
| 10" Force Main | 2,100 | LF | \$23.00 | \$48,300.00 |
| Manholes | 7 | EA | \$3,500.00 | \$24,500.00 |
| Pump Stations | 2 | EA | \$750,000.00 | \$1,500,000.00 |
| Sewer System Subtotal | | | | \$1,572,800.00 |

| Water System | | | | |
|------------------------------------|-------|----|-------------|--------------|
| 10" PVC Main w/ Backfill & Bedding | 0 | LF | \$86.00 | \$0.00 |
| 12" PVC Main w/ Backfill & Bedding | 0 | LF | \$110.00 | \$0.00 |
| 20" PVC Main w/ Backfill & Bedding | 2,200 | LF | \$275.00 | \$605,000.00 |
| 10" Gate Valve | 0 | EA | \$1,900.00 | \$0.00 |
| 12" Gate Valve | 1 | EA | \$2,736.00 | \$2,736.00 |
| 20" Gate Valve | 1 | EA | \$3,750.00 | \$3,750.00 |
| Fire Hydrant, Complete | 4 | EA | \$3,750.00 | \$15,000.00 |
| Booster Station | 1 | EA | \$50,000.00 | \$50,000.00 |

| | | | | |
|------------------------------|--|--|--|--------------|
| Water System Subtotal | | | | \$676,486.00 |
|------------------------------|--|--|--|--------------|

| Dry Utilities | | | | |
|------------------------|-------|----|---------|--------------|
| Telephone | 4,400 | LF | \$31.25 | \$137,500.00 |
| Telecommunication/Data | 4,400 | LF | \$18.75 | \$82,500.00 |
| Gas | 4,400 | LF | \$10.00 | \$44,000.00 |
| Electric | 4,400 | LF | \$31.25 | \$137,500.00 |
| Joint Trench | 4,400 | LF | \$45.00 | \$198,000.00 |

| | | | | |
|-------------------------------|--|--|--|--------------|
| Dry Utilities Subtotal | | | | \$599,500.00 |
|-------------------------------|--|--|--|--------------|

| Erosion Control | | | | |
|------------------------|--------|----|------------|-------------|
| Hay Bales | 120 | EA | \$25.00 | \$3,000.00 |
| Silt Fence | 4,300 | LF | \$5.50 | \$23,650.00 |
| Hydroseeding | 52,960 | SF | \$0.07 | \$3,707.20 |
| Construction Entrance | 8,700 | SF | \$2.50 | \$21,750.00 |
| Inlet Protection | 8 | EA | \$100.00 | \$800.00 |
| SWPPP | 4.5 | AC | \$5,000.00 | \$22,500.00 |

| | | | | |
|---------------------------------|--|--|--|-------------|
| Erosion Control Subtotal | | | | \$75,407.20 |
|---------------------------------|--|--|--|-------------|

| | |
|--|----------------|
| Project 2 - Railroad Ave. Improvements Subtotal | \$7,767,563.20 |
|--|----------------|

| | |
|------------------------|--------------|
| 10% Contingency | \$776,756.32 |
|------------------------|--------------|

Indirect Costs

| | |
|---------------------|--------------|
| 3% City Fees | \$233,026.90 |
|---------------------|--------------|

| | |
|----------------------------|--------------|
| 5% Development Fees | \$388,378.16 |
|----------------------------|--------------|

| | |
|-------------------|--------------|
| 1.5% Bonds | \$116,513.45 |
|-------------------|--------------|

| | |
|---|----------------|
| Project 2 - Total Railroad Ave. Improvements | \$9,282,238.02 |
|---|----------------|

Project 2 - Parcel H
G St. Between North Curblin & R.O.W.
Proposed Touro University Village
 Reuse Area 1A, North Mare Island, City of Vallejo, Solano County, CA
 9/21/2007

| Description | Quantity | Unit | Unit Price | Cost |
|---|----------|------|-------------|--------------------|
| Street Improvements | | | | |
| Pedestrian/Bike Path | 6,993 | SF | \$2.30 | \$16,083.90 |
| Signage | 2 | EA | \$500.00 | \$1,000.00 |
| Street Lights | 2 | EA | \$3,420.00 | \$6,840.00 |
| Traffic Control | 1 | LS | \$20,000.00 | \$20,000.00 |
| ROW Landscaping | 4,329 | SF | \$5.25 | \$22,727.25 |
| Street Trees | 7 | EA | \$315.00 | \$2,205.00 |
| Street Improvements Subtotal | | | | \$68,856.15 |
| Project 2 - Parcel H G St. Between North Curblin & R.O.W. Subtotal | | | | \$68,856.15 |
| 10% Contingency | | | | \$6,885.62 |
| Indirect Costs | | | | |
| 3% City Fees | | | | \$2,065.68 |
| 5% Development Fees | | | | \$3,442.81 |
| 1.5% Bonds | | | | \$1,032.84 |
| Total Project 2 - Parcel H G St. Between North Curblin & R.O.W. | | | | \$82,283.10 |