# WASHINGTON ELEMENTARY SCHOOL DISTRICT *Engineer's Estimate* 3/27/2018

***Arroyo Elementary***

## FIRE LANE IMPROVEMENTS & BUS BAY IMPROVEMENTS - Adjacent Ways

### *Site Work*

| | Quantity | Unit | Unit Cost | Total |
|---|---|---|---|---|
| Mobilization/ Demolition | 1 | LS | $ 20,000.00 | $ 20,000.00 |
| Construction Surveying | 1 | LS | $ 2,500.00 | $ 2,500.00 |
| Construction Surveying As-Builts | 1 | LS | $ 1,000.00 | $ 1,000.00 |
| Clearing and Grubbing | 1.00 | AC | $ 1,750.00 | $ 1,750.00 |
| Sawcut Pavement | 900 | LF | $ 3.50 | $ 3,150.00 |
| Remove Wrought Iron Fencing | 70 | LF | $ 12.50 | $ 875.00 |
| Remove Concrete Sidewalk, Driveways & Slabs | 4,000 | SF | $ 2.50 | $ 10,000.00 |
| | | | **Section Total** | **$ 39,275.00** |

### *Civil Engineering*

| | Quantity | Unit | Unit Cost | Total |
|---|---|---|---|---|
| **Bus Bay** | | | | |
| Concrete Bus Lane 8-inch concrete pavement w/ welded wire fabric | 12,000 | SF | $ 12.00 | $ 144,000.00 |
| ~~Sidewalk~~ | ~~3,500~~ | ~~LF~~ | ~~$ 3.50~~ | ~~$ 12,250.00~~ |
| City of Phoenix Concrete Driveway P1255 | 3,000 | SF | $ 3.00 | $ 9,000.00 |
| Earthwork | 1,000 | CY | $ 6.25 | $ 6,250.00 |
| Haul Off | 1,000 | CY | $ 18.00 | $ 18,000.00 |
| Fine Grading | 12,000 | SF | $ 0.25 | $ 3,000.00 |
| | | | **Subtotal** | **$ 192,500.00** |
| **Fire Lane Work** | | | | |
| 6" Subgrade Prep | 1,690 | SY | $ 5.00 | $ 8,450.00 |
| 4" Aggregrate Base | 1,690 | SY | $ 3.50 | $ 5,915.00 |
| AB Fire Lane 3-inch DG Stabilized over 8-inch ABC | 1,690 | SY | $ 28.00 | $ 47,320.00 |
| Concrete Curb and Gutter | 3,600 | LF | $ 18.00 | $ 64,800.00 |
| City of Phoenix Concrete Driveway P1255 | 6,000 | SF | $ 3.00 | $ 18,000.00 |
| | | | **Subtotal** | **$ 144,485.00** |
| | | | **Section Total** | **$ 376,260.00** |

### *Grand Total*

| | | |
|---|---|---|
| | **Subtotal** | **$ 415,535.00** |
| 15% | **Contingency** | **$ 62,330.25** |
| | **Grand Total** | **$ 477,865.25** |

NOTE:

1. *This information is not intended for use in ordering of equipment or materials, the contractor is responsible for determining if additional contingency factors should be applied for preliminary cost basis. This information and actual project equipment quantities and/ or construction costs may differ.*