

2015 Financial Assurance
 Estimate Form (with pre-plot construction)

8/6/2015

| | |
|--|------------------|
| Project Information | |
| The Glen at Widefield Filing No. 9 PDD File: SF-185 | 9/25/2018 |
| Project Name | Date |

| Section 1 - Grading and Erosion Control BMPs | Quantity | Units | Price | | | % Complete | Remaining |
|---|----------|-------|------------|---|--------------|------------|----------------|
| Earthwork* (638,912 x 20%) | | CY | @ \$ 5 | = | \$ | | \$ - * |
| Permanent Seeding* | 0.10 | AC | @ \$ 582 | = | \$ 58.20 | | \$ 58.20 * |
| Mulching* | 0.10 | AC | @ \$ 507 | = | \$ 50.70 | | \$ 50.70 * |
| Permanent Erosion Control Blanket* | 7,655.00 | SY | @ \$ 6 | = | \$ 45,930.00 | | \$ 45,930.00 * |
| Temporary Erosion Control Blanket | | SY | @ \$ 3 | = | \$ | | \$ - |
| Vehicle Tracking Control | 3.00 | EA | @ \$ 1,625 | = | \$ 4,875.00 | | \$ 4,875.00 |
| Safety Fence | | LF | @ \$ 3 | = | \$ | | \$ - |
| Silt Fence | 2,450.00 | LF | @ \$ 4 | = | \$ 9,800.00 | | \$ 9,800.00 |
| Temporary Seeding | | AC | @ \$ 485 | = | \$ | | \$ - |
| Temporary Mulch | | AC | @ \$ 507 | = | \$ | | \$ - |
| Erosion Bales | | EA | @ \$ 21 | = | \$ | | \$ - |
| Erosion Logs | | LF | @ \$ 6 | = | \$ | | \$ - |
| Rock Ditch Checks | | EA | @ \$ | = | \$ | | \$ - |
| Inlet Protection | 11.00 | EA | @ \$ 153 | = | \$ 1,683.00 | | \$ 1,683.00 |
| Sediment Basin | 1.00 | EA | @ \$ 1,625 | = | \$ 1,625.00 | | \$ 1,625.00 |
| Concrete Washout Basin | 2.00 | EA | @ \$ 776 | = | \$ 1,552.00 | | \$ 1,552.00 |
| Rough Ciut Street Control | 670.00 | LF | @ \$ 2 | = | \$ 1,340.00 | | \$ 1,340.00 |
| * specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process. | | | | | | | |
| Section 1 Subtotal | | | | = | \$ 66,913.90 | | \$ 66,913.90 |

SF 18-005

| Section 2 - Public Improvements** | Quantity | Units | Price | | % Complete | Remaining |
|---|----------|--------|--------------|---|---------------|-----------------|
| - Roadway Improvements | | | | | | |
| Construction Traffic Control | | LS @ | \$ | = | \$ | \$ - * |
| Aggregate Base Course | 6,402.29 | Tons @ | \$ \$18 | = | \$ 115,241.29 | \$ 115,241.29 * |
| Asphalt Pavement | 3,201.15 | Tons @ | \$ \$65 | = | \$ 208,074.55 | \$ 208,074.55 * |
| Raised Median, Paved | | SF @ | \$ \$7 | = | \$ | \$ - * |
| Electrical Conduit, Size = | | LF @ | \$ \$14 | = | \$ | \$ - * |
| Traffic Signal, complete intersection | | EA @ | \$ \$250,000 | = | \$ | \$ - * |
| Regulatory Sign | 8.00 | EA @ | \$ \$100 | = | \$ 800.00 | \$ 800.00 * |
| Advisory Sign | | EA @ | \$ \$100 | = | \$ | \$ - * |
| Guide/Street Name Sign | 7.00 | EA @ | \$ \$50 | = | \$ 350.00 | \$ 350.00 * |
| Epoxy Pavement Marking | 3,786.79 | SF @ | \$ \$12 | = | \$ 45,441.48 | \$ 45,441.48 * |
| Epoxy Pavement Marking Removal | 383.92 | SF @ | \$ \$17 | = | \$ 6,526.64 | \$ 6,526.64 * |
| Thermoplastic Pavement Marking | 242.20 | SF @ | \$ \$22 | = | \$ 5,328.40 | \$ 5,328.40 * |
| Thermoplastic Pavement Marking Removal | 32.20 | SF @ | \$ \$27 | = | \$ 869.40 | \$ 869.40 * |
| Barricade - Type 3 | 2.00 | EA @ | \$ \$115 | = | \$ 230.00 | \$ 230.00 * |
| Delineator (Type I) | | EA @ | \$ \$21 | = | \$ | \$ - * |
| Curb and Gutter, Type C (Ramp) | 9,933.00 | LF @ | \$ \$21 | = | \$ 208,593.00 | \$ 208,593.00 * |
| Curb and Gutter, Type A (6" Vertical) | 470.00 | LF @ | \$ \$16 | = | \$ 7,520.00 | \$ 7,520.00 * |
| Curb and Gutter, Type B (Median) | | LF @ | \$ \$13 | = | \$ | \$ - * |
| Pedestrian Ramp | 149.37 | SY @ | \$ \$108 | = | \$ 16,131.96 | \$ 16,131.96 * |
| Concrete Sidewalk | 5,682.00 | SY @ | \$ \$38 | = | \$ 215,916.00 | \$ 215,916.00 * |
| Cross Pan | 328.30 | SY @ | \$ \$53 | = | \$ 17,399.90 | \$ 17,399.90 * |
| Curb Chase | | EA @ | \$ \$1,300 | = | \$ | \$ - * |
| Guardrail Type 3 (W-Beam) | | LF @ | \$ \$18 | = | \$ | \$ - * |
| Guardrail Type 7 (Concrete) | | LF @ | \$ \$67 | = | \$ | \$ - * |
| Guardrail End Anchorage | | EA @ | \$ \$1,978 | = | \$ | \$ - * |
| Guardrail Impact Attenuator | | EA @ | \$ \$3,564 | = | \$ | \$ - * |
| Sound Barrier Fence | | LF @ | \$ \$100 | = | \$ | \$ - * |
| - Storm Drain Improvements | | | | | | |
| Concrete Box Culvert (M Standard), Size (W x H) | | LF @ | \$ | = | \$ | \$ - * |
| Reinforced Concrete Pipe (RCP) Size | | LF @ | \$ | = | \$ | \$ - * |
| 18" Reinforced Concrete Pipe | 520.00 | LF @ | \$ \$69 | = | \$ 35,880.00 | \$ 35,880.00 * |
| 24" Reinforced Concrete Pipe | 82.00 | LF @ | \$ \$84 | = | \$ 6,888.00 | \$ 6,888.00 * |
| 30" Reinforced Concrete Pipe | | LF @ | \$ \$94 | = | \$ | \$ - * |
| 36" Reinforced Concrete Pipe | | LF @ | \$ \$124 | = | \$ | \$ - * |
| 42" Reinforced Concrete Pipe | | LF @ | \$ \$134 | = | \$ | \$ - * |
| 48" Reinforced Concrete Pipe | 423.00 | LF @ | \$ \$178 | = | \$ 75,294.00 | \$ 75,294.00 * |
| 54" Reinforced Concrete Pipe | | LF @ | \$ \$182 | = | \$ | \$ - * |
| 60" Reinforced Concrete Pipe | | LF @ | \$ \$216 | = | \$ | \$ - * |
| 66" Reinforced Concrete Pipe | | LF @ | \$ \$263 | = | \$ | \$ - * |
| 72" Reinforced Concrete Pipe | | LF @ | \$ \$283 | = | \$ | \$ - * |
| 43"x68"Horiz. Ell. Reinforced Concrete Pipe | | LF @ | \$ \$190 | = | \$ | \$ - * |
| Corrugated Steel Pipe (CSP) Size | | LF @ | \$ | = | \$ | \$ - * |
| 18" Corrugated Steel Pipe | | LF @ | \$ \$66 | = | \$ | \$ - * |
| 24" Corrugated Steel Pipe | | LF @ | \$ \$96 | = | \$ | \$ - * |
| 30" Corrugated Steel Pipe | | LF @ | \$ \$101 | = | \$ | \$ - * |
| 36" Corrugated Steel Pipe | | LF @ | \$ \$136 | = | \$ | \$ - * |
| 42" Corrugated Steel Pipe | | LF @ | \$ \$147 | = | \$ | \$ - * |
| 48" Corrugated Steel Pipe | | LF @ | \$ \$169 | = | \$ | \$ - * |
| 54" Corrugated Steel Pipe | | LF @ | \$ \$193 | = | \$ | \$ - * |
| 60" Corrugated Steel Pipe | | LF @ | \$ \$227 | = | \$ | \$ - * |
| 66" Corrugated Steel Pipe | | LF @ | \$ \$278 | = | \$ | \$ - * |
| 72" Corrugated Steel Pipe | | LF @ | \$ \$330 | = | \$ | \$ - * |
| 78" Corrugated Steel Pipe | | LF @ | \$ \$381 | = | \$ | \$ - * |
| 84" Corrugated Steel Pipe | | LF @ | \$ \$432 | = | \$ | \$ - * |

| | | | | | | | | | |
|---|-----------|------|----|---|-----------|---|-----------------|-----------------|----|
| Flared End Section (FES) RCP 24" | † 24" | 1.00 | EA | @ | \$ 900 | = | \$ 900.00 | \$ 900.00 | * |
| Flared End Section (FES) RCP 30" | † 30" | | EA | @ | \$ 1,000 | = | \$ | \$ - | * |
| Flared End Section (FES) RCP 48" | † 48" | 1.00 | EA | @ | \$ 1,500 | = | \$ 1,500.00 | \$ 1,500.00 | * |
| Flared End Section (FES) HERCP 43"x68" | † 43"x63" | | EA | @ | \$ 1,500 | = | \$ | \$ - | * |
| End Treatment- Headwall | | | EA | @ | \$ | = | \$ | \$ - | * |
| End Treatment- Wingwall | | | EA | @ | \$ | = | \$ | \$ - | * |
| End Treatment - Cutoff Wall | | | EA | @ | \$ | = | \$ | \$ - | * |
| Curb Inlet (Type R) L=5', Depth < 5 feet | | | EA | @ | \$ 3,791 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L=5', 5'-10' Depth | | | EA | @ | \$ 5,044 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =5' , 10'-15' Depth | | | EA | @ | \$ 6,027 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =10' , Depth < 5 feet | | | EA | @ | \$ 5,528 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =10' , 5'-10' Depth | | 1.00 | EA | @ | \$ 6,694 | = | \$ 6,694.00 | \$ 6,694.00 | * |
| Curb Inlet (Type R) L =10' , 10'-15' Depth | | 1.00 | EA | @ | \$ 7,500 | = | \$ 7,500.00 | \$ 7,500.00 | * |
| Curb Inlet (Type R) L =15' , Depth < 5 feet | | | EA | @ | \$ 7,923 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =15' , 5'-10' Depth | | | EA | @ | \$ 8,000 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =15' , 10'-15' Depth | | | EA | @ | \$ 8,800 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =20' , Depth < 5 feet | | | EA | @ | \$ 8,000 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =20' , 5'-10' Depth | | | EA | @ | \$ 8,830 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =25' , <5' Depth | | | EA | @ | \$ 9,000 | = | \$ | \$ - | * |
| Curb Inlet (Type R) L =25' , 5' - 10' Depth | | 2.00 | EA | @ | \$ 10,000 | = | \$ 20,000.00 | \$ 20,000.00 | * |
| Curb Inlet (Type R Modified) L =25' , 5' - 10' Depth | | | EA | @ | \$ 13,500 | = | \$ | \$ - | * |
| Grated Inlet (Type C), < 5' deep | | | EA | @ | \$ 3,270 | = | \$ | \$ - | * |
| Grated Inlet (Custom) > 5' deep | | 1.00 | EA | @ | \$ 7,500 | = | \$ 7,500.00 | \$ 7,500.00 | * |
| Storm Sewer Manhole, Box Base, Depth < 15 feet | | | EA | @ | \$ 8,592 | = | \$ | \$ - | * |
| Storm Sewer Manhole, Slab Base, Depth < 15 feet | | 3.00 | EA | @ | \$ 4,575 | = | \$ 13,725.00 | \$ 13,725.00 | * |
| Geotextile (Erosion Control) | | | SY | @ | \$ 5 | = | \$ | \$ - | * |
| Rip Rap, d50 Size from 6" to 24" | | | CY | @ | \$ 98 | = | \$ | \$ - | * |
| Rip Rap, Grouted | | | CY | @ | \$ 215 | = | \$ | \$ - | * |
| Drainage Channel Construction, Size (W x H) | | | LF | @ | \$ | = | \$ | \$ - | * |
| Channel Lining, Concrete (Trickle Channel) | | | CY | @ | \$ 450 | = | \$ | \$ - | * |
| Channel Lining, Rip Rap | | | CY | @ | \$ 98 | = | \$ | \$ - | * |
| Channel Lining, Grass | | | AC | @ | \$ 1,287 | = | \$ | \$ - | * |
| Concrete Cutoff Wall (30" RCP FES) | | | EA | @ | \$ 500 | = | \$ | \$ - | * |
| Detention Outlet Structure | | | EA | @ | \$ 12,000 | = | \$ | \$ - | * |
| Detention Emergency Spillway | | | EA | @ | \$ 18,300 | = | \$ | \$ - | * |
| Presedimentation Forebay | | | EA | @ | \$ 7,000 | = | \$ | \$ - | * |
| Gravel Maintenance Access Trail | | | SY | @ | \$ 20 | = | \$ | \$ - | * |
| Type II Bedding | | | CY | @ | \$ 35 | = | \$ | \$ - | * |
| Detention Basin Seeding and Mulch | | | AC | @ | \$ 520 | = | \$ | \$ - | * |
| Permanent Water Quality Facility (Describe) | | | EA | @ | \$ | = | \$ | \$ - | * |
| * specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process. † For flared end sections, multiply pipe LF cost by 6 | | | | | | | | | |
| Section 2 Subtotal | | | | | | = | \$ 1,024,303.61 | \$ 1,024,303.61 | ** |


| Section 3 - Common Development Improvements (Private or District)*** | Quantity | Units | Price | | % Complete | Remaining |
|---|-----------------|--------------|--------------|-----------|-----------------------|------------------|
| - Roadway Improvements | | | | | | |
| (Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County) | | @ | \$ | = | \$ | \$ - |
| | | @ | \$ | = | \$ | \$ - |
| | | @ | \$ | = | \$ | \$ - |
| | | @ | \$ | = | \$ | \$ - |
| | | @ | \$ | = | \$ | \$ - |
| | | @ | \$ | = | \$ | \$ - |
| - Storm Drain Improvements | | | | | | |
| Channel Lining, Concrete (Trickle Channel) | 20.00 | CY | @ | \$ 450 | = \$ 9,000.00 | \$ 9,000.00 |
| Channel Lining, Rip Rap | 62.00 | CY | @ | \$ 98 | = \$ 6,076.00 | \$ 6,076.00 |
| Concrete Cutoff Wall (30" RCP FES) | 1.00 | EA | @ | \$ 500 | = \$ 500.00 | \$ 500.00 |
| Detention Outlet Structure | 1.00 | EA | @ | \$ 12,000 | = \$ 12,000.00 | \$ 12,000.00 |
| Detention Emergency Spillway | 1.00 | EA | @ | \$ 18,300 | = \$ 18,300.00 | \$ 18,300.00 |
| Presedimentation Forebay | 1.00 | EA | @ | \$ 7,000 | = \$ 7,000.00 | \$ 7,000.00 |
| Gravel Maintenance Access Trail | 1,055.00 | SY | @ | \$ 20 | = \$ 21,100.00 | \$ 21,100.00 |
| Type II Bedding | 28.00 | CY | @ | \$ 35 | = \$ 980.00 | \$ 980.00 |
| Detention Basin Seeding and Mulch | 3.00 | AC | @ | \$ 520 | = \$ 1,560.00 | \$ 1,560.00 |
| Rip Rap, d50 Size from 6" to 24" | 22.00 | CY | @ | \$ 98 | = \$ 2,156.00 | \$ 2,156.00 |
| Curb Inlet (Type R) L =25', 5' - 10' Depth | | EA | @ | \$ 10,000 | = \$ | \$ - |
| Curb Inlet (Type R) L =10', 5'-10' Depth | | EA | @ | \$ 6,694 | = \$ | \$ - |
| 24" Reinforced Concrete Pipe | | LF | @ | \$ 84 | = \$ | \$ - |
| 36" Reinforced Concrete Pipe | | LF | @ | \$ 124 | = \$ | \$ - |
| Flared End Section (FES) RCP 24" † 24" | | EA | @ | \$ 900 | = \$ | \$ - |
| Flared End Section (FES) RCP 30" † 30" | 1.00 | EA | @ | \$ 1,000 | = \$ 1,000.00 | \$ 1,000.00 |
| Flared End Section (FES) RCP 36" † 36" | | EA | @ | \$ 1,200 | = \$ | \$ - |
| Grated Inlet (Type D), < 5' deep | | EA | @ | \$ 3,908 | = \$ | \$ - |
| - Water System Improvements | | | | | | |
| Water Main Pipe (PVC), Size 8" | 2,314.00 | LF | @ | \$ 94 | = \$ 217,516.00 | \$ 217,516.00 |
| Water Main Pipe (Ductile Iron), Size 8" | | LF | @ | \$ 137 | = \$ | \$ - |
| Water Main Pipe (PVC), Size 12" | 1,787.00 | LF | @ | \$ 122 | = \$ 218,014.00 | \$ 218,014.00 |
| Gate Valves, 8" | 17.00 | EA | @ | \$ 1,852 | = \$ 31,484.00 | \$ 31,484.00 |
| Gate Valves, 12" | 10.00 | EA | @ | \$ 2,400 | = \$ 24,000.00 | \$ 24,000.00 |
| Fire Hydrant Assembly w/ all valves | 10.00 | EA | @ | \$ 6,430 | = \$ 64,300.00 | \$ 64,300.00 |
| Water Service Line Installation, including tap and valves | 101.00 | EA | @ | \$ 1,253 | = \$ 126,553.00 | \$ 126,553.00 |
| Fire Cistern Installation, complete | | EA | @ | \$ | = \$ | \$ - |
| - Sanitary Sewer Improvements | | | | | | |
| Sewer Main Pipe (PVC), Size 8" | 4,217.00 | LF | @ | \$ 94 | = \$ 396,398.00 | \$ 396,398.00 |
| Sewer Main Pipe (PVC), Size 12" | 1,126.00 | LF | @ | \$ 130 | = \$ 146,380.00 | \$ 146,380.00 |
| Sanitary Sewer Manhole, Depth < 15 feet | 19.00 | EA | @ | \$ 4,575 | = \$ 86,925.00 | \$ 86,925.00 |

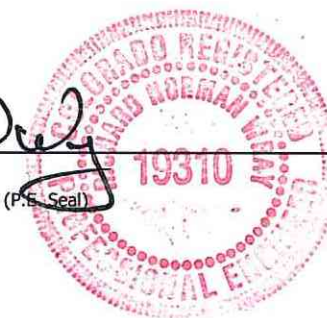
| | | | | | | | |
|---|--------|----|---|---------------------------|---|-------------------|---------------|
| Sanitary Service Line Installation, complete | 101.00 | EA | @ | \$ 1,516 | = | \$ 153,116.00 | \$ 153,116.00 |
| Sanitary Sewer Lift Station, complete | | EA | @ | \$ | = | \$ | \$ - |
| - Landscaping (If Applicable) | | | | | | | |
| (List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD) | | | | | | | |
| | | EA | @ | \$ | = | \$ | \$ - |
| | | EA | @ | \$ | = | \$ | \$ - |
| | | EA | @ | \$ | = | \$ | \$ - |
| | | EA | @ | \$ | = | \$ | \$ - |
| | | EA | @ | \$ | = | \$ | \$ - |
| ***items in this section are not subject to defect warranty financial assurance | | | | Section 3 Subtotal | | = \$ 1,543,358.00 | 1,543,358.00 |


| | |
|---|-----------------------|
| Financial Assurance Totals | |
| As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) (Inc. survey to verify detention pond volumes.) | \$ <u>\$5,500</u> |
| Total Construction Financial Assurance | \$2,640,075.51 |
| (Sum of all section subtotals) | |
| Total Remaining Construction Financial Assurance | 2,640,075.51 |
| (Sum of all section totals less credit for items complete) | |
| Total Defect Warranty Financial Assurance | \$214,068.50 |
| (20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance) | |

Approvals


I hereby certify that this is an accurate and complete estimate of costs for the work as


 Engineer


 Date: 9/26/18


 Approved by Owner / Applicant

Date: Sept. 26th 2018

Approved by El Paso County Engineer / ECM Administrator

 Date: 10/09/2018 7:46:32 AM