

2017 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 3/23/17

| PROJECT INFORMATION | | | | | | |
|--|----------|-------|----------|--------------------|--|------------------|
| Shops at McLaughlin | | | 5.9.2018 | | | |
| Project Name | | | Date | | PCD File No. | |
| Description | Quantity | Units | Price | Total | (with Pre-plat Construction) % Complete | Remaining |
| SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs) | | | | | | |
| * Earthwork | 440.00 | CY | \$ 9 | = \$ 3,960 | | \$ 3,960 * |
| * Permanent Seeding (inc. noxious weed mgmnt.) | 1.00 | AC | \$ 582 | = \$ 582 | | \$ 582 * |
| * Mulching | 1.00 | AC | \$ 527 | = \$ 527 | | \$ 527 * |
| * Permanent Erosion Control Blanket | 770.00 | SY | \$ 6 | = \$ 4,620 | | \$ 4,620 * |
| * Permanent Pond/BMP Construction | | CY | \$ 19 | = \$ - | | \$ - * |
| * Permanent Pond/BMP (Spillway) | | EA | | = \$ - | | \$ - * |
| * Permanent Pond/BMP (Outlet Structure) | | EA | | = \$ - | | \$ - * |
| Temporary Erosion Control Blanket | 770.00 | SY | \$ 3 | = \$ 2,310 | | \$ 2,310 |
| Vehicle Tracking Control | 1.00 | EA | \$ 2,242 | = \$ 2,242 | | \$ 2,242 |
| Safety Fence | 900.00 | LF | \$ 3 | = \$ 2,700 | | \$ 2,700 |
| Silt Fence | 500.00 | LF | \$ 4 | = \$ 2,000 | | \$ 2,000 |
| Temporary Seeding | 0.50 | AC | \$ 582 | = \$ 291 | | \$ 291 |
| Temporary Mulch | 0.50 | AC | \$ 527 | = \$ 264 | | \$ 264 |
| Erosion Bales | 8.00 | EA | \$ 24 | = \$ 192 | | \$ 192 |
| Erosion Logs | 20.00 | LF | \$ 6 | = \$ 120 | | \$ 120 |
| Rock Check Dams | 4.00 | EA | \$ 195 | = \$ 780 | | \$ 780 |
| Inlet Protection | 4.00 | EA | \$ 158 | = \$ 632 | | \$ 632 |
| Sediment Basin | 1.00 | EA | \$ 1,667 | = \$ 1,667 | | \$ 1,667 |
| Concrete Washout Basin | 2.00 | EA | \$ 1,000 | = \$ 2,000 | | \$ 2,000 |
| | | | | = \$ - | | \$ - |
| [insert items not listed but part of construction plans] | | | | = \$ - | | \$ - |
| MAINTENANCE (35% of Construction BMPs) | | | | = \$ 5,319 | | \$ 5,319 |
| SECTION 1 SUBTOTAL | | | | = \$ 30,206 | | \$ 30,206 |
| SECTION 2 - PUBLIC IMPROVEMENTS * | | | | | | |
| ROADWAY IMPROVEMENTS | | | | | | |
| Construction Traffic Control | | LS | | = \$ - | | \$ - * |
| Aggregate Base Course (150 lbs/cf) | 425.00 | Tons | \$ 24 | = \$ 10,200 | | \$ 10,200 * |
| Asphalt Pavement (135 lbs/cf) | 1,500.00 | Tons | \$ 83 | = \$ 124,500 | | \$ 124,500 * |
| Raised Median, Paved | | SF | \$ 8 | = \$ - | | \$ - * |
| Regulatory Sign | 4.00 | EA | \$ 177 | = \$ 708 | | \$ 708 * |
| Advisory Sign | 1.00 | EA | \$ 177 | = \$ 177 | | \$ 177 * |
| Guide/Street Name Sign | | EA | | = \$ - | | \$ - * |
| Epoxy Pavement Marking | 110.00 | SF | \$ 12 | = \$ 1,320 | | \$ 1,320 * |
| Thermoplastic Pavement Marking | | SF | \$ 22 | = \$ - | | \$ - * |
| Barricade - Type 3 | | EA | \$ 118 | = \$ - | | \$ - * |
| Delineator - Type I | | EA | \$ 23 | = \$ - | | \$ - * |
| Curb and Gutter, Type A (6" Vertical) | 226.00 | LF | \$ 17 | = \$ 3,842 | | \$ 3,842 * |
| Curb and Gutter, Type B (Median) | 500.00 | LF | \$ 19 | = \$ 9,500 | | \$ 9,500 * |
| Curb and Gutter, Type C (Ramp) | 40.00 | LF | \$ 23 | = \$ 920 | | \$ 920 * |
| 4" Sidewalk | 266.00 | SY | \$ 46 | = \$ 12,236 | | \$ 12,236 * |
| 5" Sidewalk | | SY | \$ 58 | = \$ - | | \$ - * |
| 6" Sidewalk | | SY | \$ 69 | = \$ - | | \$ - * |
| 8" sidewalk | | SY | \$ 92 | = \$ - | | \$ - * |

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| Description | Quantity | Units | Price | Total | | (with Pre-plat Construction) | | % Complete | Remaining |
| Pedestrian Ramp | 16.00 | SY | \$ 143 | = | \$ 2,288 | | \$ 2,288 | * | |
| Cross Pan | 72.00 | SY | \$ 57 | = | \$ 4,104 | | \$ 4,104 | * | |
| Curb Chase | | EA | \$ 1,400 | = | \$ - | | \$ - | * | |
| Guardrail Type 3 (W-Beam) | | LF | \$ 46 | = | \$ - | | \$ - | * | |
| Guardrail Type 7 (Concrete) | | LF | \$ 68 | = | \$ - | | \$ - | * | |
| Guardrail End Anchorage | | EA | \$ 1,985 | = | \$ - | | \$ - | * | |
| Guardrail Impact Attenuator | | EA | \$ 3,564 | = | \$ - | | \$ - | * | |
| Sound Barrier Fence | | LF | \$ 108 | = | \$ - | | \$ - | * | |
| Electrical Conduit, Size = 3 | 100.00 | LF | \$ 15 | = | \$ 1,500 | | \$ 1,500 | * | |
| Traffic Signal, complete intersection | | EA | \$ 250,000 | = | \$ - | | \$ - | * | |
| | | | | = | \$ - | | \$ - | * | |
| [insert items not listed but part of construction plans] | | | | = | \$ - | | \$ - | * | |
| STORMDRAIN IMPROVEMENTS | | | | | | | | | |
| Concrete Box Culvert (M Standard), Size (W x H) | | LF | | = | \$ - | | \$ - | * | |
| 18" Reinforced Concrete Pipe | 125.00 | LF | \$ 84 | = | \$ 10,500 | | \$ 10,500 | * | |
| 24" Reinforced Concrete Pipe | | LF | \$ 99 | = | \$ - | | \$ - | * | |
| 30" Reinforced Concrete Pipe | | LF | \$ 117 | = | \$ - | | \$ - | * | |
| 36" Reinforced Concrete Pipe | | LF | \$ 157 | = | \$ - | | \$ - | * | |
| 42" Reinforced Concrete Pipe | | LF | \$ 186 | = | \$ - | | \$ - | * | |
| 48" Reinforced Concrete Pipe | | LF | \$ 243 | = | \$ - | | \$ - | * | |
| 54" Reinforced Concrete Pipe | | LF | \$ 278 | = | \$ - | | \$ - | * | |
| 60" Reinforced Concrete Pipe | | LF | \$ 300 | = | \$ - | | \$ - | * | |
| 66" Reinforced Concrete Pipe | | LF | \$ 333 | = | \$ - | | \$ - | * | |
| 72" Reinforced Concrete Pipe | | LF | \$ 367 | = | \$ - | | \$ - | * | |
| 18" Corrugated Steel Pipe | | LF | \$ 71 | = | \$ - | | \$ - | * | |
| 24" Corrugated Steel Pipe | | LF | \$ 103 | = | \$ - | | \$ - | * | |
| 30" Corrugated Steel Pipe | | LF | \$ 109 | = | \$ - | | \$ - | * | |
| 36" Corrugated Steel Pipe | | LF | \$ 147 | = | \$ - | | \$ - | * | |
| 42" Corrugated Steel Pipe | | LF | \$ 159 | = | \$ - | | \$ - | * | |
| 48" Corrugated Steel Pipe | | LF | \$ 183 | = | \$ - | | \$ - | * | |
| 54" Corrugated Steel Pipe | | LF | \$ 208 | = | \$ - | | \$ - | * | |
| 60" Corrugated Steel Pipe | | LF | \$ 245 | = | \$ - | | \$ - | * | |
| 66" Corrugated Steel Pipe | | LF | \$ 301 | = | \$ - | | \$ - | * | |
| 72" Corrugated Steel Pipe | | LF | \$ 356 | = | \$ - | | \$ - | * | |
| 78" Corrugated Steel Pipe | | LF | \$ 411 | = | \$ - | | \$ - | * | |
| 84" Corrugated Steel Pipe | | LF | \$ 467 | = | \$ - | | \$ - | * | |
| Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost) | | EA | | = | \$ - | | \$ - | * | |
| Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost) | | EA | | = | \$ - | | \$ - | * | |
| End Treatment- Headwall | | EA | | = | \$ - | | \$ - | * | |
| End Treatment- Wingwall | | EA | | = | \$ - | | \$ - | * | |
| End Treatment - Cutoff Wall | | EA | | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=5', Depth < 5 feet | | EA | \$ 5,243 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=5', 5'-10' Depth | | EA | \$ 6,800 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=5', 10'-15' Depth | | EA | \$ 7,895 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=10', Depth < 5 feet | | EA | \$ 7,216 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=10', 5'-10' Depth | | EA | \$ 7,437 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=10', 10'-15' Depth | | EA | \$ 9,310 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=15', Depth < 5 feet | | EA | \$ 9,383 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=15', 5'-10' Depth | | EA | \$ 10,060 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=15', 10'-15' Depth | | EA | \$ 11,000 | = | \$ - | | \$ - | * | |
| Curb Inlet (Type R) L=20', Depth < 5 feet | | EA | \$ 10,000 | = | \$ - | | \$ - | * | |

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| | | | | | % Complete | Remaining |
| Curb Inlet (Type R) L =20' , 5'-10' Depth | | EA | \$ 11,038 = | \$ - | | \$ - * |
| Grated Inlet (Type C), < 5' deep | 1.00 | EA | \$ 4,390 = | \$ 4,390 | | \$ 4,390 * |
| Grated Inlet (Type D), < 5' deep | 1.00 | EA | \$ 5,422 = | \$ 5,422 | | \$ 5,422 * |
| Storm Sewer Manhole, Box Base, Depth < 15 feet | 1.00 | EA | \$ 11,000 = | \$ 11,000 | | \$ 11,000 * |
| Storm Sewer Manhole, Slab Base, Depth < 15 feet | | EA | \$ 6,050 = | \$ - | | \$ - * |
| Geotextile (Erosion Control) | | SY | \$ 6 = | \$ - | | \$ - * |
| Rip Rap, d50 Size from 6" to 24" | | CY | \$ 88 = | \$ - | | \$ - * |
| Rip Rap, Grouted | | CY | \$ 215 = | \$ - | | \$ - * |
| Drainage Channel Construction, Size (W x H) | | LF | = | \$ - | | \$ - * |
| Drainage Channel Lining, Concrete | | CY | \$ 539 = | \$ - | | \$ - * |
| Drainage Channel Lining, Rip Rap | | CY | \$ 106 = | \$ - | | \$ - * |
| Drainage Channel Lining, Grass | | AC | \$ 1,390 = | \$ - | | \$ - * |
| Drainage Channel Lining, Other Stabilization | | | = | \$ - | | \$ - * |
| | | | = | \$ - | | \$ - * |
| [insert items not listed but part of construction plans] | | | = | \$ - | | \$ - * |
| * - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) | | | | Section 2 Subtotal = \$ | 232,813 | \$ 232,813 * |
| | | | | | | |
| SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT maintained by El Paso County)** | | | | | | |
| ROADWAY IMPROVEMENTS | | | | | | |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| STORMDRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1) | | | | | | |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| WATER SYSTEM IMPROVEMENTS | | | | | | |
| Water Main Pipe (PVC), Size 8" | 125.00 | LF | \$ 94 = | \$ 11,750 | | \$ 11,750 |
| Water Main Pipe (Ductile Iron), Size 8" | | LF | \$ 137 = | \$ - | | \$ - |
| Gate Valves, 8" | 1.00 | EA | \$ 1,852 = | \$ 1,852 | | \$ 1,852 |
| Fire Hydrant Assembly w/ all valves | 1.00 | EA | \$ 6,430 = | \$ 6,430 | | \$ 6,430 |
| Water Service Line Installation, inc. tap and valves | 1.00 | EA | \$ 1,253 = | \$ 1,253 | | \$ 1,253 |
| Fire Cistern Installation, complete | | EA | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| [insert items not listed but part of construction plans] | | | = | \$ - | | \$ - |
| SANITARY SEWER IMPROVEMENTS | | | | | | |
| Sewer Main Pipe (PVC), Size 8" | 113.00 | LF | \$ 94 = | \$ 10,622 | | \$ 10,622 |
| Sanitary Sewer Manhole, Depth < 15 feet | 1.00 | EA | \$ 4,575 = | \$ 4,575 | | \$ 4,575 |
| Sanitary Service Line Installation, complete | 1.00 | EA | \$ 1,516 = | \$ 1,516 | | \$ 1,516 |
| Sanitary Sewer Lift Station, complete | | EA | = | \$ - | | \$ - |
| | | | = | \$ - | | \$ - |
| [insert items not listed but part of construction plans] | | | = | \$ - | | \$ - |
| LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD) | | | | | | |
| | | EA | = | \$ - | | \$ - |

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| Description | Quantity | Units | Price | Total | (with Pre-plat Construction) | | |
| | | | | | % Complete | Remaining | |
| | | EA | = \$ | - | | \$ - | |
| | | EA | = \$ | - | | \$ - | |
| | | EA | = \$ | - | | \$ - | |
| | | EA | = \$ | - | | \$ - | |
| ** - Section 3 is not subject to defect warranty | | | | Section 3 Subtotal = \$ | 37,998 | \$ 37,998 | |
| | | | | | | | |
| AS-BUILTS (Public Improvements) | | LS | = \$ | - | | \$ - | |
| Pond Verification (survey to verify pond volumes) | | LS | = \$ | - | | \$ - | |
| | | | | | Total Construction Financial Assurance | \$ 301,016 | |
| (Sum of all section subtotals plus as-builts and pond verification) | | | | | | | |
| | | | | | Total Remaining Construction Financial Assurance (with pre-plat construction) | \$ 301,016 | |
| (Sum of all section totals less credit for items complete plus as-builts and pond verification) | | | | | | | |
| | | | | | Total Defect Warranty Financial Assurance | \$ 48,500 | |
| (20% of all items identified as (*). 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 shown on the approved Construction Drawings associated with the Project. | |
| Engineer (P.E. Seal Required) | Date |
| | |
| Approved by Owner / Applicant | Date |
| | |
| Approved by El Paso County Engineer / ECM Administrator | Date |
| | |