

# 2015 Financial Assurance Estimate Form (with pre-plat construction)

3/17/2015

|   |                  |
|---|------------------|
| <b>Project Information</b>                    |                  |
| <b>Windingwalk Filing 2 at Meridian Ranch</b> | <b>8/28/2018</b> |
| Project Name                                  | Date             |

| Section 1 - Grading and Erosion Control BMPs  | Quantity | Units | Price     |   | %<br>Compleat | Remaining  |
|---|----------|-------|-----------|---|---------------|------------|
| Earthwork*  | 1,330    | CY @  | \$ 5      | = | \$ 6,650      | \$ 6,650 * |
| Permanent Seeding*  | 0.3      | AC @  | \$ 582    | = | \$ 146        | \$ 146 *   |
| Mulching*   | 0.3      | AC @  | \$ 507    | = | \$ 127        | \$ 127 *   |
| Permanent Erosion Control Blanket*  |          | SY @  | \$ 6      | = | \$            | \$ - *     |
| Temporary Erosion Control Blanket   | 200      | SY @  | \$ 3      | = | \$ 600        | \$ 600     |
| Vehicle Tracking Control  | 1        | EA @  | \$ 1,625  | = | \$ 1,625      | \$ 1,625   |
| Safety Fence  |          | LF @  | \$ 3      | = | \$            | \$ -       |
| Silt Fence  |          | LF @  | \$ 4      | = | \$            | \$ -       |
| Temporary Seeding   |          | AC @  | \$ 485    | = | \$            | \$ -       |
| Temporary Mulch   |          | AC @  | \$ 507    | = | \$            | \$ -       |
| Erosion Bales   |          | EA @  | \$ 21     | = | \$            | \$ -       |
| Erosion Logs  |          | LF @  | \$ 6      | = | \$            | \$ -       |
| Rip Rap, d50 Size from 6" to 24"  |          | CY @  | \$ 98     | = | \$            | \$ - *     |
| Rock Ditch Checks   |          | EA @  | \$        | = | \$            | \$ -       |
| Inlet Protection  | 9        | EA @  | \$ 153    | = | \$ 1,377      | \$ 1,377   |
| Sediment Basin  |          | EA @  | \$ 1,625  | = | \$            | \$ -       |
| Concrete Washout Basin  | 1        | EA @  | \$ 776    | = | \$ 776        | \$ 776     |
| Detention Basin Outlet Structures   |          | @     | \$ 10,000 | = | \$            | \$ -       |
| * specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process. |          |       |           |   |               |            |
| <b>Section 1 Subtotal</b>   |          |       |           | = | \$ 11,300     | \$ 11,300  |

| Section 2 - Public Improvements**      | Quantity | Units  | Price      |   | %<br>Compleat | Remaining    |
|--|----------|--------|------------|---|---------------|--------------|
| <b>- Roadway Improvements</b>          |          |        |            |   |               |              |
| Construction Traffic Control           |          | LS @   | \$ 5,000   | = | \$            | \$ - *       |
| Concrete Treated Subgrade (8")         | 20,674.0 | SY @   | \$ 6       | = | \$ 124,044    | \$ 124,044 * |
| Asphalt Pavement (4" @ 145 lbs/cu.ft.) | 4,496.0  | Tons @ | \$ 65      | = | \$ 292,240    | \$ 292,240 * |
| Raised Median, Paved                   |          | SF @   | \$ 7       | = | \$            | \$ - *       |
| Electrical Conduit, Size =             |          | LF @   | \$ 14      | = | \$            | \$ - *       |
| Traffic Signal, complete intersection  |          | EA @   | \$ 250,000 | = | \$            | \$ - *       |
| Regulatory Sign                        | 9.0      | EA @   | \$ 100     | = | \$ 900        | \$ 900 *     |
| Advisory Sign                          |          | EA @   | \$ 100     | = | \$            | \$ - *       |
| Guide/Street Name Sign                 | 8.0      | EA @   | \$ 100     | = | \$ 800        | \$ 800 *     |
| Epoxy Pavement Marking                 | 2,750.0  | SF @   | \$ 12      | = | \$ 33,000     | \$ 33,000 *  |
| Thermoplastic Pavement Marking         |          | SF @   | \$ 22      | = | \$            | \$ - *       |
| Barricade - Type 3                     |          | EA @   | \$ 115     | = | \$            | \$ - *       |
| Delineator (Type I)                    |          | EA @   | \$ 21      | = | \$            | \$ - *       |
| Curb and Gutter, Type C (Ramp)         | 3,758.0  | LF @   | \$ 21      | = | \$ 78,918     | \$ 78,918 *  |
| Curb and Gutter, Type A (6" Vertical)  | 5,726.0  | LF @   | \$ 16      | = | \$ 91,616     | \$ 91,616 *  |
| Curb and Gutter, Type B (Median)       |          | LF @   | \$ 13      | = | \$            | \$ - *       |
| Concrete Sidewalk (5')                 | 2,993.0  | SY @   | \$ 38      | = | \$ 113,734    | \$ 113,734   |
| 5' Pedestrian Ramp                     | 90.0     | SY @   | \$ 108     | = | \$ 9,720      | \$ 9,720 *   |
| 6' Pedestrian Ramp                     |          | SY @   | \$ 108     | = | \$            | \$ - *       |
| Mid Block Pedestrian Ramp              | 23.0     | SY @   | \$ 108     | = | \$ 2,484      | \$ 2,484 *   |




|   |       |    |   |          |   |           |               |
|---|-------|----|---|----------|---|-----------|---------------|
| Cross Pan   | 119.0 | SY | @ | \$ 53    | = | \$ 6,307  | \$ 6,307 *    |
| Curb Chase  |       | EA | @ | \$ 1,300 | = | \$        | \$ - *        |
| <b>- Storm Drain Improvements</b>   |       |    |   |          |   |           |               |
| Concrete Box Culvert (M Standard), Size ( W x H )   |       | LF | @ | \$       | = | \$        | \$ - *        |
| Reinforced Concrete Pipe (RCP) Size   |       | LF | @ | \$       | = | \$        | \$ - *        |
| 18" Reinforced Concrete Pipe  | 89.0  | LF | @ | \$ 69    | = | \$ 6,141  | \$ 6,141 *    |
| 24" Reinforced Concrete Pipe  | 241.0 | LF | @ | \$ 84    | = | \$ 20,244 | \$ 20,244 *   |
| 30" Reinforced Concrete Pipe  | 613.0 | LF | @ | \$ 94    | = | \$ 57,622 | \$ 57,622 *   |
| 36" Reinforced Concrete Pipe  |       | LF | @ | \$ 124   | = | \$        | \$ - *        |
| 42" Reinforced Concrete Pipe  | 80.5  | LF | @ | \$ 134   | = | \$ 10,787 | \$ 10,787 *   |
| 48" Reinforced Concrete Pipe  |       | LF | @ | \$ 178   | = | \$        | \$ - *        |
| 54" Reinforced Concrete Pipe  |       | LF | @ | \$ 182   | = | \$        | \$ - *        |
| Flared End Section (FES)  | 2.0   | EA | @ | \$ 650   | = | \$ 1,300  | \$ 1,300 *    |
| End Treatment - Cutoff Wall   |       | EA | @ | \$ 1,000 | = | \$        | \$ - *        |
| Curb Inlet (Type R) L=5', Depth < 5 feet  | 1.0   | EA | @ | \$ 3,791 | = | \$ 3,791  | \$ 3,791 *    |
| Curb Inlet (Type R) L=5', 5'-10' Depth  | 1.0   | EA | @ | \$ 5,044 | = | \$ 5,044  | \$ 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   | 4.0   | EA | @ | \$ 6,694 | = | \$ 26,776 | \$ 26,776 *   |
| Curb Inlet (Type R) L =10' , 10'-15' Depth  |       | EA | @ | \$ 7,500 | = | \$        | \$ - *        |
| 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 = ___' , ___' - ___' Depth  |       | EA | @ | \$       | = | \$        | \$ - *        |
| Curb Inlet (Type R) L = ___' , ___' - ___' Depth  |       | EA | @ | \$       | = | \$        | \$ - *        |
| Grated Inlet (Type C), < 5' deep  |       | EA | @ | \$ 3,270 | = | \$        | \$ - *        |
| Temp. CMP Inlet   |       | EA | @ | \$ 2,800 | = | \$        | \$ - *        |
| Storm Sewer Manhole, Box Base, Depth < 15 feet  |       | EA | @ | \$ 8,592 | = | \$        | \$ - *        |
| Storm Sewer Manhole, Slab Base, Depth < 15 feet   | 3.0   | EA | @ | \$ 4,575 | = | \$ 13,725 | \$ 13,725 *   |
| Geotextile (Erosion Control)  |       | SY | @ | \$ 5     | = | \$        | \$ - *        |
| Rip Rap, d50 Size from 6" to 24"  | 20.3  | CY | @ | \$ 98    | = | \$ 1,989  | \$ 1,989 *    |
| Rip Rap, Grouted  |       | CY | @ | \$ 215   | = | \$        | \$ - *        |
| Drainage Channel Construction, Size ( W x H )   |       | LF | @ | \$       | = | \$        | \$ - *        |
| Channel Lining, Concrete  |       | CY | @ | \$ 450   | = | \$        | \$ - *        |
| Channel Lining, Rip Rap   |       | CY | @ | \$ 98    | = | \$        | \$ - *        |
| Channel Lining, Grass   |       | AC | @ | \$ 1,287 | = | \$        | \$ - *        |
| Channel Lining, Other Stabilization   |       | SY | @ | \$ 3     | = | \$        | \$ - *        |
| Sub-Regional Detention Pond   |       | LS | @ | \$       | = | \$        | \$ - *        |
| Detention Emergency Spillway  |       | EA | @ | \$       | = | \$        | \$ - *        |
| 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 |       |    |   |          | = | 901,182   | \$ 901,182 ** |
| <b>Section 2 Subtotal</b>   |       |    |   |          | = | \$        | \$            |

| <b>Section 3 - Common Development Improvements<br/>(Private or District)***</b>   | <b>Quantity</b> | <b>Units</b> | <b>Price</b> |   | <b>%<br/>Compleat</b> | <b>Remaining</b> |
|---|-----------------|--------------|--------------|---|-----------------------|------------------|
| <b>- Roadway Improvements</b>   |                 |              |              |   |                       |                  |
| (Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County) |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
| Concrete Sidewalk (6')  | 1,797.0         | SY           | @ \$ 38      | = | \$ 68,286             | \$ 68,286        |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
| <b>- Storm Drain Improvements</b>   |                 |              |              |   |                       |                  |
| (Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County) |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
|   |                 |              | @ \$         | = | \$                    | \$ -             |
| <b>- Water System Improvements</b>  |                 |              |              |   |                       |                  |
| Water Main Pipe (PVC), Size 8"  | 1,824.0         | LF           | @ \$ 94      | = | \$ 171,456            | \$ 171,456       |
| Gate Valves, 8"   | 5.0             | EA           | @ \$ 1,852   | = | \$ 9,260              | \$ 9,260         |
| Fire Hydrant Assembly w/ all valves   | 5.0             | EA           | @ \$ 6,430   | = | \$ 32,150             | \$ 32,150        |
| Water Service Line Installation, including tap and valves   | 40.0            | EA           | @ \$ 1,253   | = | \$ 50,120             | \$ 50,120        |
| Pump Station, complete  |                 | EA           | @ \$ 50,000  | = | \$                    | \$ -             |
| Air/Vac Valve & Vault, complete   |                 | EA           | @ \$ 3,500   | = | \$                    | \$ -             |
| <b>- Sanitary Sewer Improvements</b>  |                 |              |              |   |                       |                  |
| Sewer Main Pipe (PVC), Size 8"  | 1,999.0         | LF           | @ \$ 94      | = | \$ 187,906            | \$ 187,906       |
| Sanitary Sewer Manhole, Depth < 15 feet   | 9.0             | EA           | @ \$ 4,575   | = | \$ 41,175             | \$ 41,175        |
| Sanitary Service Line Installation, complete  | 40.0            | EA           | @ \$ 1,516   | = | \$ 60,640             | \$ 60,640        |
| Sewer Main Pipe (PVC), Size 15"   |                 | LF           | @ \$ 96      | = | \$                    | \$ -             |
| <b>- Landscaping (If Applicable)</b>  |                 |              |              |   |                       |                  |
| (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   |                 |              |              |   |                       |                  |
| <b>Section 3 Subtotal</b>   |                 |              |              | = | \$ 620,993            | \$ 620,993       |

| Financial Assurance Totals  |                    |
|---|--------------------|
| As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)                                 | \$ 1,000           |
| ( Inc. survey to verify detention pond volumes.)  |                    |
| <b>Total Construction Financial Assurance</b>   | <b>\$1,534,476</b> |
| (Sum of all section subtotals)  |                    |
| <b>Total Remaining Construction Financial Assurance</b>   | <b>\$1,534,476</b> |
| (Sum of all section totals less credit for items complete)  |                    |
| <b>Total Defect Warranty Financial Assurance</b>  | <b>\$181,621</b>   |
| (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 the work as shown on the approved Construction Drawings associated with the Project.

|   |  |       |                   |
|---|--|-------|-------------------|
| THOMAS A. KERBY, PE<br>Engineer   |   | 31429 | Date              |
| <br>RAUL GUZMAN, GTL DEVELOPMENT, INC.<br>Approved by Owner / Applicant | VICE PRESIDENT   |       | 9/17/2018<br>Date |
| Approved by El Paso County Engineer / ECM Administrator   | <div style="border: 1px solid black; padding: 5px;"> <p>Approved</p> <p>by Elizabeth Nijkamp<br/>El Paso County Planning and Community Development<br/>on behalf of Jennifer Irvine, County Engineer, ECM Administrator</p> <p style="text-align: right;"></p> <p style="text-align: center; font-size: 1.2em;">10/29/2018 5:01:42 PM</p> </div> |       |                   |