

**PL-534 Sugar Creek Watershed  
 Flood Prevention Operations Cost List**

| Practice Code | Practice Name   | Component (Component Code) | Units | Cost Per Unit | Cost Share Type | Cost Share Rate |
|---------------|---|----------------------------|-------|---------------|-----------------|-----------------|
| <b>342</b>    | <b>CRITICAL AREA PLANTING</b>                           |                            |       |               |                 |                 |
|               | Bermudagrass Solid Sod (GBGSS)                          |                            | SY    | \$4.90        | AC              | 65%             |
|               | Critical Area Planting (CAP)                            |                            | AC    | \$100.00      | AC              | 65%             |
|               | Shaping and Filling Gullies (GFS)                       |                            | AC    | \$600.00      | AC              | 65%             |
|               | Trees &/or Shrubs-barerooted (TSB)                      |                            | EACH  | \$0.84        | AC              | 65%             |
| <b>350</b>    | <b>SEDIMENT BASIN</b>                                   |                            |       |               |                 |                 |
|               | Barrel &/or Riser-Aluminized<=12ga (BRA12)              |                            | DIFT  | \$2.25        | AC              | 65%             |
|               | Barrel &/or Riser-Aluminized>=14ga (BRA14)              |                            | DIFT  | \$2.00        | AC              | 65%             |
|               | Barrel &/or Riser-Plastic (BRP)                         |                            | DIFT  | \$1.00        | AC              | 65%             |
|               | Barrel &/or Riser-Steel (BRS)                           |                            | DIFT  | \$1.92        | AC              | 65%             |
|               | Blanket Material (BM)                                   |                            | CY    | \$15.00       | AC              | 65%             |
|               | Concrete - Reinforced and Formed (CONT)                 |                            | CY    | \$440.00      | AC              | 65%             |
|               | Concrete--Concrete/Steel in structural items(CON1)      |                            | CY    | \$225.00      | AC              | 65%             |
|               | Excavation &/or Embankment (EM)                         |                            | CY    | \$1.40        | AC              | 65%             |
|               | Gypsum for dispersive soils (GYP2)                      |                            | TON   | \$66.00       | AC              | 65%             |
|               | Principal Splway Drainage Diaphragm Filter (PSDDF)      |                            | CY    | \$39.60       | AC              | 65%             |
|               | Riprap and Filter (RRF)                                 |                            | CY    | \$40.00       | AC              | 65%             |
|               | Trash Guard - dimensions sized (TGD)                    |                            | PF    | \$11.00       | AC              | 65%             |
| <b>362</b>    | <b>DIVERSION</b>  |                            |       |               |                 |                 |
|               | Diversion Terrace - Ridge and/or Channel (RC)           |                            | CY    | \$1.10        | AC              | 65%             |
| <b>378</b>    | <b>POND</b>   |                            |       |               |                 |                 |
|               | Barrel &/or Riser-Aluminized<=12ga (BRA12)              |                            | DIFT  | \$2.25        | AC              | 65%             |
|               | Barrel &/or Riser-Aluminized>=14ga (BRA14)              |                            | DIFT  | \$2.00        | AC              | 65%             |
|               | Barrel &/or Riser-CSP<=12ga (BR12)                      |                            | DIFT  | \$1.95        | AC              | 65%             |
|               | Barrel &/or Riser-CSP>=14ga (BR14)                      |                            | DIFT  | \$1.68        | AC              | 65%             |
|               | Barrel &/or Riser-Plastic (BRP)                         |                            | DIFT  | \$1.00        | AC              | 65%             |
|               | Barrel &/or Riser-Steel (BRS)                           |                            | DIFT  | \$1.92        | AC              | 65%             |
|               | Blanket Material (BM)                                   |                            | CY    | \$15.00       | AC              | 65%             |
|               | Clay Liner (CL)   |                            | CY    | \$4.75        | AC              | 65%             |
|               | Concrete--Concrete/Steel in structural items(CON1)      |                            | CY    | \$225.00      | AC              | 65%             |
|               | Excavation &/or Embankment (EM)                         |                            | CY    | \$1.40        | AC              | 65%             |
|               | Excavation/Embankment in wet areas (WEM)                |                            | CY    | \$1.70        | AC              | 65%             |
|               | Geotextile (GEOT)                                       |                            | SY    | \$1.30        | AC              | 65%             |
|               | Gypsum for dispersive soils (GYP2)                      |                            | TON   | \$66.00       | AC              | 65%             |
|               | Principal Splway Drainage Diaphragm Filter (PSDDF)      |                            | CY    | \$39.60       | AC              | 65%             |
|               | Riprap and Filter (RRF)                                 |                            | CY    | \$40.00       | AC              | 65%             |
|               | Trash Guard - dimensions sized (TGD)                    |                            | PF    | \$11.00       | AC              | 65%             |
| <b>382</b>    | <b>FENCE</b>  |                            |       |               |                 |                 |
|               | Fence--Critical and Small Area (FENCA)                  |                            | LF    | \$2.00        | AC              | 65%             |
|               | Fence--Permanent Fence (FENP)                           |                            | LF    | \$1.30        | AC              | 65%             |
| <b>391</b>    | <b>RIPARIAN FOREST BUFFER</b>                           |                            |       |               |                 |                 |
|               | Animal Control Device/Seedling Protection Netting (ACD) |                            | TREE  | \$0.30        | AC              | 65%             |
|               | Geotextile Fabric/Plastic Mulch - Weed Barrier (GEOTF)  |                            | LF    | \$0.36        | AC              | 65%             |
|               | Seedbed Preparation for tree/shrub planting (SP)        |                            | AC    | \$52.50       | AC              | 65%             |
|               | Trees &/or Shrubs-barerooted (TSB)                      |                            | EACH  | \$0.84        | AC              | 65%             |
|               | Trees &/or Shrubs-potted (TSP)                          |                            | EACH  | \$1.00        | AC              | 65%             |

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|---------------|--|---|-------|---------------|-----------------|-----------------|
| <b>393</b>    | <b>FILTER STRIP</b>                        |   |       |               |                 |                 |
|               |  | Bermudagrass Solid Sod (GBGSS)  | SY    | \$4.90        | AC              | 65%             |
|               |  | Critical Area Planting (CAP)  | AC    | \$100.00      | AC              | 65%             |
| <b>410</b>    | <b>GRADE STABILIZATION STRUCTURE</b>       |   |       |               |                 |                 |
|               |  | Barrel &/or Riser-Aluminized<=12ga (BRA12)  | DIFT  | \$2.25        | AC              | 65%             |
|               |  | Barrel &/or Riser-Aluminized>=14ga (BRA14)  | DIFT  | \$2.00        | AC              | 65%             |
|               |  | Barrel &/or Riser-CSP<=12ga (BR12)  | DIFT  | \$1.95        | AC              | 65%             |
|               |  | Barrel &/or Riser-CSP>=14ga (BR14)  | DIFT  | \$1.68        | AC              | 65%             |
|               |  | Barrel &/or Riser-Plastic (BRP)   | DIFT  | \$1.00        | AC              | 65%             |
|               |  | Barrel &/or Riser-Steel (BRS)   | DIFT  | \$1.92        | AC              | 65%             |
|               |  | Blanket Material (BM)   | CY    | \$15.00       | AC              | 65%             |
|               |  | Concrete--Concrete/Steel in structural items(CON1)  | CY    | \$225.00      | AC              | 65%             |
|               |  | Concrete--Formless Concrete Chute (CONFC)   | CY    | \$436.00      | AC              | 65%             |
|               |  | Excavation &/or Embankment (EM)   | CY    | \$1.40        | AC              | 65%             |
|               |  | Geotextile (GEOT)   | SY    | \$1.30        | AC              | 65%             |
|               |  | Gypsum for dispersive soils (GYP2)  | TON   | \$66.00       | AC              | 65%             |
|               |  | Principal Splway Drainage Diaphragm Filter (PSDDF)  | CY    | \$39.60       | AC              | 65%             |
|               |  | Riprap and Filter (RRF)   | CY    | \$40.00       | AC              | 65%             |
|               |  | Toe Wall Structure Galvanized Steel (TWSS)  | SF    | \$23.00       | AC              | 65%             |
|               |  | Trash Guard - dimensions sized (TGD)  | PF    | \$11.00       | AC              | 65%             |
| <b>412</b>    | <b>GRASSED WATERWAY</b>                    |   |       |               |                 |                 |
|               |  | Waterways-Construction/Shaping (SHAP)   | AC    | \$650.00      | AC              | 65%             |
| <b>468</b>    | <b>LINED WATERWAY OR OUTLET</b>            |   |       |               |                 |                 |
|               |  | Blanket Material (BM)   | CY    | \$15.00       | AC              | 65%             |
|               |  | Concrete--Lined Outlet (CON3)   | CY    | \$400.00      | AC              | 65%             |
|               |  | Riprap and Filter (RRF)   | CY    | \$40.00       | AC              | 65%             |
|               |  | Rock Gabions/Rock Mattresses (GM)   | CY    | \$215.00      | AC              | 65%             |
| <b>516</b>    | <b>PIPELINE**</b>                          |   |       |               |                 |                 |
|               |  | **Pipeline is ONLY allowed as a means of providing an alternate water source for livestock when exclusion fencing is used to establish and/or maintain vegetation as a buffer along the stream channel, and livestock are excluded from the stream channel. |       |               |                 |                 |
|               |  | Pipe--Polyethylene Livestock Pipe (POLYP)   | DIFT  | \$0.70        | AC              | 65%             |
|               |  | Pipe--PVC Livestock Pipe (PVC)  | DIFT  | \$1.04        | AC              | 65%             |
|               |  | Tap and Installation of Water Meter (WTM)   | EACH  | \$275.00      | AC              | 65%             |
| <b>533</b>    | <b>PUMPING PLANT**</b>                     |   |       |               |                 |                 |
|               |  | **Pumps are ONLY allowed as a means of providing an alternate water source for livestock when exclusion fencing is used to establish and/or maintain vegetation as a buffer along the stream channel, and livestock are excluded from the stream channel.   |       |               |                 |                 |
|               |  | Pump for Livestock Water Well (PLWW)  | EACH  | \$330.00      | AC              | 65%             |
| <b>580</b>    | <b>STREAMBANK AND SHORELINE PROTECTION</b> |   |       |               |                 |                 |
|               |  | Bermudagrass, seeded, common (CBG)  | #PLS  | \$3.50        | AC              | 65%             |
|               |  | Bermudagrass, seeded, named varieties (GDBG)  | #PLS  | \$7.50        | AC              | 65%             |
|               |  | Bermudagrass Sprigging (GBG)  | AC    | \$60.00       | AC              | 65%             |
|               |  | Common Reedgrass (GCR)  | RHIZO | \$0.49        | AC              | 65%             |
|               |  | Riprap and Filter (RRF)   | CY    | \$40.00       | AC              | 65%             |
|               |  | Trees &/or Shrubs-barerooted (TSB)  | EACH  | \$0.84        | AC              | 65%             |

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|---------------|---|----------------------------|-------|---------------|-----------------|-----------------|
| <b>584</b>    | <b>CHANNEL STABILIZATION</b>  |                            |       |               |                 |                 |
|               | Jacks (Sugar Creek) (JAX)   |                            | EACH  | \$108.00      | AC              | 65%             |
|               | Pilot Channel (Sugar Creek) (PCSC)  |                            | LF    | \$3.85        | AC              | 65%             |
|               | Retard & Diversion Fence (Sugar Creek) (RDFSC)  |                            | LF    | \$1.85        | AC              | 65%             |
| <b>587</b>    | <b>STRUCTURE FOR WATER CONTROL</b>  |                            |       |               |                 |                 |
|               | Barrel &/or Riser-Aluminized<=12ga (BRA12)  |                            | DIFT  | \$2.25        | AC              | 65%             |
|               | Barrel &/or Riser-Aluminized>=14ga (BRA14)  |                            | DIFT  | \$2.00        | AC              | 65%             |
|               | Barrel &/or Riser-Plastic (BRP)   |                            | DIFT  | \$1.00        | AC              | 65%             |
|               | Barrel &/or Riser-Steel (BRS)   |                            | DIFT  | \$1.92        | AC              | 65%             |
|               | Blanket Material (BM)   |                            | CY    | \$15.00       | AC              | 65%             |
|               | Concrete - Reinforced and Formed (CONT)   |                            | CY    | \$440.00      | AC              | 65%             |
|               | Concrete--Concrete/Steel in structural items(CON1)  |                            | CY    | \$225.00      | AC              | 65%             |
|               | Excavation &/or Embankment (EM)   |                            | CY    | \$1.40        | AC              | 65%             |
|               | Geotextile (GEOT)   |                            | SY    | \$1.30        | AC              | 65%             |
|               | Gypsum for dispersive soils (GYP2)  |                            | TON   | \$66.00       | AC              | 65%             |
|               | Principal Splway Drainage Diaphragm Filter (PSDDF)  |                            | CY    | \$39.60       | AC              | 65%             |
|               | Riprap and Filter (RRF)   |                            | CY    | \$40.00       | AC              | 65%             |
|               | Trash Guard - dimensions sized (TGD)  |                            | PF    | \$11.00       | AC              | 65%             |
| <b>590</b>    | <b>NUTRIENT MANAGEMENT</b>  |                            |       |               |                 |                 |
|               | Fertilizer CA (FTCA)  |                            | AC    | \$50.00       | AC              | 65%             |
| <b>614</b>    | <b>WATERING FACILITY**</b>  |                            |       |               |                 |                 |
|               | The watering facility practice/components are only applicable to the <b>Sugar Creek Watershed</b> .   |                            |       |               |                 |                 |
|               | **The practice is ONLY allowed as a means of providing an alternate water source for livestock when exclusion fencing is used to establish and/or maintain vegetation as a buffer along the stream channel, and livestock are excluded from the stream channel. |                            |       |               |                 |                 |
|               | When this practice is used a grazing plan is required, with emergency storage, and anything else required by the Oklahoma standard and specification for the Watering Facility (614) practice.  |                            |       |               |                 |                 |
|               | Energy-Free Fountain <=25 gallon tank (EFF2)  |                            | GAL   | \$31.50       | AC              | 65%             |
|               | Energy-Free Fountain >25 gallon tank (EFF4)   |                            | GAL   | \$21.50       | AC              | 65%             |
|               | Water Tank - Freeze Proof (FPT)   |                            | EACH  | \$1,150.00    | AC              | 65%             |
|               | Water Tank/Trough (SS)  |                            | DF    | \$140.00      | AC              | 65%             |
| <b>620</b>    | <b>UNDERGROUND OUTLET</b>   |                            |       |               |                 |                 |
|               | Barrel &/or Riser-Aluminized<=12ga (BRA12)  |                            | DIFT  | \$2.25        | AC              | 65%             |
|               | Barrel &/or Riser-Aluminized>=14ga (BRA14)  |                            | DIFT  | \$2.00        | AC              | 65%             |
|               | Barrel &/or Riser-CSP<=12ga (BR12)  |                            | DIFT  | \$1.95        | AC              | 65%             |
|               | Barrel &/or Riser-CSP>=14ga (BR14)  |                            | DIFT  | \$1.68        | AC              | 65%             |
|               | Barrel &/or Riser-Plastic (BRP)   |                            | DIFT  | \$1.00        | AC              | 65%             |
|               | Barrel &/or Riser-Steel (BRS)   |                            | DIFT  | \$1.92        | AC              | 65%             |
|               | Concrete--Concrete/Steel in structural items(CON1)  |                            | CY    | \$225.00      | AC              | 65%             |
|               | Trash Guard - dimensions sized (TGD)  |                            | PF    | \$11.00       | AC              | 65%             |
| <b>638</b>    | <b>WATER AND SEDIMENT CONTROL BASIN</b>   |                            |       |               |                 |                 |
|               | Barrel &/or Riser-Aluminized<=12ga (BRA12)  |                            | DIFT  | \$2.25        | AC              | 65%             |
|               | Barrel &/or Riser-Aluminized>=14ga (BRA14)  |                            | DIFT  | \$2.00        | AC              | 65%             |
|               | Barrel &/or Riser-Plastic (BRP)   |                            | DIFT  | \$1.00        | AC              | 65%             |
|               | Barrel &/or Riser-Steel (BRS)   |                            | DIFT  | \$1.92        | AC              | 65%             |
|               | Concrete--Concrete/Steel in structural items(CON1)  |                            | CY    | \$225.00      | AC              | 65%             |
|               | Excavation &/or Embankment (EM)   |                            | CY    | \$1.40        | AC              | 65%             |
| <b>642</b>    | <b>WATER WELL</b>   |                            |       |               |                 |                 |
|               | Well Drilling and Casing (WWDC)   |                            | LF    | \$14.00       | AC              | 65%             |