

| PART A - PRODUCTION DRIVE RECONSTRUCTION | | | | Engineer's Estimate | | Riegler Blacktop | | Eaton Asphalt | |
|--|---|----------|-----------------|---------------------|-----------------------|------------------|-----------------------|---------------|-----------------------|
| Line Item | Description | Quantity | Unit of Measure | Unit Cost | Total | Unit Cost | Total | Unit Cost | Total |
| 1 | MOBILIZATION | 1 | LS | \$15,000.00 | \$15,000.00 | \$10,000.00 | \$10,000.00 | \$19,000.00 | \$19,000.00 |
| 2 | MAINTENANCE OF TRAFFIC | 1 | LS | \$25,000.00 | \$25,000.00 | \$7,000.00 | \$7,000.00 | \$17,500.00 | \$17,500.00 |
| 3 | CLEARING AND GRUBBING , (INCLUDES REMOVAL AND REINSTALLATION OF SIGNS AND MAILBOXES) | 1 | LS | \$10,000.00 | \$10,000.00 | \$5,000.00 | \$5,000.00 | \$7,675.00 | \$7,675.00 |
| 4 | EROSION & WATER POLLUTION CONTROL | 1 | LS | \$5,000.00 | \$5,000.00 | \$250.00 | \$250.00 | \$3,900.00 | \$3,900.00 |
| 5 | REMOVE EXISTING BOLLARD | 5 | EA | \$200.00 | \$1,000.00 | \$100.00 | \$500.00 | \$195.00 | \$975.00 |
| 6 | REMOVE EXISTING CATCH BASIN | 1 | EA | \$500.00 | \$500.00 | \$750.00 | \$750.00 | \$600.00 | \$600.00 |
| 7 | REMOVE EXISTING STORM SEWER PIPE | 50 | LF | \$15.00 | \$750.00 | \$70.00 | \$3,500.00 | \$20.00 | \$1,000.00 |
| 8 | REMOVE EXISTING HEADWALL | 3 | EA | \$500.00 | \$1,500.00 | \$200.00 | \$600.00 | \$600.00 | \$1,800.00 |
| 9 | REMOVE EXISTING ROADWAY INCLUDING EXISTING CURB | 7400 | SY | \$20.00 | \$148,000.00 | \$10.00 | \$74,000.00 | \$16.75 | \$123,950.00 |
| 10 | EXCAVATION FOR GRANULAR BASE | 7700 | SY | \$10.00 | \$77,000.00 | \$7.00 | \$53,900.00 | \$15.00 | \$115,500.00 |
| 11 | EMBANKMENT | 50 | CY | \$50.00 | \$2,500.00 | \$30.00 | \$1,500.00 | \$113.00 | \$5,650.00 |
| 12 | SUBGRADE RESHAPING AND COMPACTING | 7700 | SY | \$2.00 | \$15,400.00 | \$1.00 | \$7,700.00 | \$3.00 | \$23,100.00 |
| 13 | YARD RESTORATION (4" TOPSOIL, SEED AND | 5000 | SY | \$15.00 | \$75,000.00 | \$7.75 | \$38,750.00 | \$7.75 | \$38,750.00 |
| 14 | MIRAFI 600X OR EQUIVALENT WOVEN GEOTEXTILE | 7200 | SY | \$2.50 | \$18,000.00 | \$1.00 | \$7,200.00 | \$2.00 | \$14,400.00 |
| 15 | 7" CRUSHED STONE BASE, (LESS THAN 7% FINES) COMPACTED TO 100% | 7700 | SY | \$15.00 | \$115,500.00 | \$15.25 | \$117,425.00 | \$17.50 | \$134,750.00 |
| 16 | CRUSHED STONE BASE (LESS THAN 7% FINES) FOR SUBGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL) | 150 | CY | \$50.00 | \$7,500.00 | \$70.00 | \$10,500.00 | \$75.00 | \$11,250.00 |
| 17 | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR BX 1200 OR EQUIVALENT) | 800 | SY | \$5.50 | \$4,400.00 | \$4.75 | \$3,800.00 | \$6.00 | \$4,800.00 |
| 18 | 9.5" ASPHALT CONCRETE BASE | 6700 | SY | \$62.00 | \$415,400.00 | \$49.00 | \$328,300.00 | \$42.00 | \$281,400.00 |
| 19 | 1.5" ASPHALT PAVEMENT SURFACE COURSE W/ ARAMID FIBER REINFORCEMENT (FORTA-FI OR ACE FIBER) | 6700 | SY | \$12.00 | \$80,400.00 | \$9.50 | \$63,650.00 | \$9.50 | \$63,650.00 |
| 20 | 4" ROLLED CURB AND GUTTER (11" THICK) | 4550 | LF | \$45.00 | \$204,750.00 | \$38.00 | \$172,900.00 | \$50.00 | \$227,500.00 |
| 21 | 10" CONCRETE APRON/DRIVEWAY REPLACEMENT (INCLUDES 4" CRUSHED STONE BASE) | 6000 | SF | \$20.00 | \$120,000.00 | \$19.50 | \$117,000.00 | \$17.00 | \$102,000.00 |
| 22 | 10" CONCRETE SIDEWALK | 1000 | SF | \$20.00 | \$20,000.00 | \$19.50 | \$19,500.00 | \$17.25 | \$17,250.00 |
| 23 | ASPHALT APRON/DRIVEWAY REPLACEMENT | 4000 | SF | \$20.00 | \$80,000.00 | \$8.00 | \$32,000.00 | \$19.75 | \$79,000.00 |
| 24 | CONCRETE DRAINAGE FLUME | 600 | SF | \$50.00 | \$30,000.00 | \$23.00 | \$13,800.00 | \$26.00 | \$15,600.00 |
| 25 | 4" RIGID PERFORATED PVC UNDERDRAIN SYSTEM (INCLUDES TRANSVERSE UNDERDRAINS) | 4750 | LF | \$15.00 | \$71,250.00 | \$14.00 | \$66,500.00 | \$13.25 | \$62,937.50 |
| 26 | INSTALL DOUBLE GRATE CURB INLET (VANE GRATE) | 6 | EA | \$6,000.00 | \$36,000.00 | \$6,500.00 | \$39,000.00 | \$5,875.00 | \$35,250.00 |
| 27 | INSTALL DOUBLE GRATE CURB INLET WITH MOUNTABLE GRATE | 1 | EA | \$6,000.00 | \$6,000.00 | \$7,900.00 | \$7,900.00 | \$7,500.00 | \$7,500.00 |
| 28 | INSTALL 3X3 CATCH BASIN | 2 | EA | \$4,000.00 | \$8,000.00 | \$4,500.00 | \$9,000.00 | \$4,275.00 | \$8,550.00 |
| 29 | INSTALL 2X2 YARD DRAIN | 1 | EA | \$4,000.00 | \$4,000.00 | \$3,200.00 | \$3,200.00 | \$2,225.00 | \$2,225.00 |
| 30 | INSTALL SHALLOW MANHOLE | 1 | EA | \$5,000.00 | \$5,000.00 | \$9,200.00 | \$9,200.00 | \$6,000.00 | \$6,000.00 |
| 31 | LOW PROFILE HEADWALL | 1 | EA | \$3,000.00 | \$3,000.00 | \$1,000.00 | \$1,000.00 | \$1,400.00 | \$1,400.00 |
| 32 | 10" STORM SEWER | 10 | LF | \$150.00 | \$1,500.00 | \$120.00 | \$1,200.00 | \$185.00 | \$1,850.00 |
| 33 | 12" STORM SEWER | 165 | LF | \$150.00 | \$24,750.00 | \$60.00 | \$9,900.00 | \$150.00 | \$24,750.00 |
| 34 | 30" STORM SEWER | 15 | LF | \$200.00 | \$3,000.00 | \$185.00 | \$2,775.00 | \$288.00 | \$4,320.00 |
| 35 | RIPRAP | 75 | TON | \$30.00 | \$2,250.00 | \$50.00 | \$3,750.00 | \$120.00 | \$9,000.00 |
| 36 | INSTALL BOLLARD PER DETAIL | 5 | EA | \$500.00 | \$2,500.00 | \$750.00 | \$3,750.00 | \$1,275.00 | \$6,375.00 |
| 37 | REMOVE EXISTING FIRE HYDRANT ASSEMBLY | 1 | EA | \$500.00 | \$500.00 | \$500.00 | \$500.00 | \$1,100.00 | \$1,100.00 |
| 38 | INSTALL NEW FIRE HYDRANT ASSEMBLY | 1 | EA | \$4,000.00 | \$4,000.00 | \$8,900.00 | \$8,900.00 | \$19,000.00 | \$19,000.00 |
| | Total Part A | | | | \$1,644,350.00 | | \$1,256,100.00 | | \$1,501,257.50 |

| PART B - PRODUCTION COURT RECONSTRUCTION | | | | Engineer's Estimate | | Riegler Blacktop | | Eaton Asphalt | |
|--|---|----------|-----------------|---------------------|-----------------------|------------------|-----------------------|---------------|-----------------------|
| Line Item | Description | Quantity | Unit of Measure | Unit Cost | Total | Unit Cost | Total | Unit Cost | Total |
| 39 | MOBILIZATION | 1 | LS | \$5,000.00 | \$5,000.00 | \$2,500.00 | \$2,500.00 | \$0.00 | \$0.00 |
| 40 | MAINTENANCE OF TRAFFIC | 1 | LS | \$10,000.00 | \$10,000.00 | \$2,500.00 | \$2,500.00 | \$0.00 | \$0.00 |
| 41 | CLEARING AND GRUBBING , (INCLUDES REMOVAL AND REINSTALLATION OF SIGNS AND MAILBOXES) | 1 | LS | \$5,000.00 | \$5,000.00 | \$500.00 | \$500.00 | \$0.00 | \$0.00 |
| 42 | EROSION & WATER POLLUTION CONTROL | 1 | LS | \$2,500.00 | \$2,500.00 | \$250.00 | \$250.00 | \$0.00 | \$0.00 |
| 43 | REMOVE EXISTING CATCH BASIN | 0 | EA | \$500.00 | \$0.00 | \$1,000.00 | \$0.00 | \$0.00 | \$0.00 |
| 44 | REMOVE EXISTING STORM SEWER PIPE | 40 | LF | \$15.00 | \$600.00 | \$50.00 | \$2,000.00 | \$20.00 | \$800.00 |
| 45 | REMOVE EXISTING CONCRETE CHANNEL | 45 | SY | \$20.00 | \$900.00 | \$85.00 | \$3,825.00 | \$14.00 | \$630.00 |
| 46 | REMOVE EXISTING ROADWAY INCLUDING EXISTING CURB | 1350 | SY | \$20.00 | \$27,000.00 | \$10.00 | \$13,500.00 | \$16.75 | \$22,612.50 |
| 47 | EXCAVATION FOR GRANULAR BASE | 1425 | SY | \$10.00 | \$14,250.00 | \$7.00 | \$9,975.00 | \$15.00 | \$21,375.00 |
| 48 | EMBANKMENT | 50 | CY | \$50.00 | \$2,500.00 | \$30.00 | \$1,500.00 | \$113.00 | \$5,650.00 |
| 49 | SUBGRADE RESHAPING AND COMPACTING | 1425 | SY | \$2.00 | \$2,850.00 | \$1.00 | \$1,425.00 | \$3.00 | \$4,275.00 |
| 50 | YARD RESTORATION (4" TOPSOIL, SEED AND | 1200 | SY | \$15.00 | \$18,000.00 | \$7.75 | \$9,300.00 | \$7.75 | \$9,300.00 |
| 51 | MIRAFI 600X OR EQUIVALENT WOVEN GEOTEXTILE | 1325 | SY | \$2.50 | \$3,312.50 | \$1.00 | \$1,325.00 | \$2.00 | \$2,650.00 |
| 52 | 7" CRUSHED STONE BASE, (LESS THAN 7% FINES) COMPACTED TO 100% | 1425 | SY | \$15.00 | \$21,375.00 | \$15.25 | \$21,731.25 | \$17.50 | \$24,937.50 |
| 53 | CRUSHED STONE BASE (LESS THAN 7% FINES) FOR SUBGRADE REPAIR (INCLUDES EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL) | 25 | CY | \$50.00 | \$1,250.00 | \$70.00 | \$1,750.00 | \$75.00 | \$1,875.00 |
| 54 | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR BX 1200 OR EQUIVALENT) | 150 | SY | \$5.50 | \$825.00 | \$4.75 | \$712.50 | \$6.00 | \$900.00 |
| 55 | 9.5" ASPHALT CONCRETE BASE | 1225 | SY | \$62.00 | \$75,950.00 | \$49.00 | \$60,025.00 | \$42.00 | \$51,450.00 |
| 56 | 1.5" ASPHALT PAVEMENT SURFACE COURSE W/ ARAMID FIBER REINFORCEMENT (FORTA-FI OR ACE FIBER) | 1225 | SY | \$12.00 | \$14,700.00 | \$9.50 | \$11,637.50 | \$9.50 | \$11,637.50 |
| 57 | 4" ROLLED CURB AND GUTTER (11" THICK) | 975 | LF | \$45.00 | \$43,875.00 | \$38.00 | \$37,050.00 | \$50.00 | \$48,750.00 |
| 58 | 10" CONCRETE APRON/DRIVEWAY REPLACEMENT (INCLUDES 4" CRUSHED STONE BASE) | 2500 | SF | \$20.00 | \$50,000.00 | \$19.50 | \$48,750.00 | \$17.00 | \$42,500.00 |
| 59 | ASPHALT APRON/DRIVEWAY REPLACEMENT | 200 | SF | \$20.00 | \$4,000.00 | \$8.00 | \$1,600.00 | \$19.75 | \$3,950.00 |
| 60 | 4" RIGID PERFORATED PVC UNDERDRAIN SYSTEM (INCLUDES TRANSVERSE UNDERDRAINS) | 1000 | LF | \$15.00 | \$15,000.00 | \$14.00 | \$14,000.00 | \$13.25 | \$13,250.00 |
| 61 | INSTALL DOUBLE GRATE CURB INLET (VANE GRATE) | 2 | EA | \$6,000.00 | \$12,000.00 | \$6,500.00 | \$13,000.00 | \$5,875.00 | \$11,750.00 |
| 62 | INSTALL 3X3 CATCH BASIN | 1 | EA | \$4,000.00 | \$4,000.00 | \$4,500.00 | \$4,500.00 | \$4,275.00 | \$4,275.00 |
| 63 | INSTALL 2X2 YARD DRAIN | 1 | EA | \$4,000.00 | \$4,000.00 | \$3,200.00 | \$3,200.00 | \$2,225.00 | \$2,225.00 |
| 64 | 12" STORM SEWER | 185 | LF | \$150.00 | \$27,750.00 | \$60.00 | \$11,100.00 | \$150.00 | \$27,750.00 |
| 65 | RIPRAP | 175 | TON | \$30.00 | \$5,250.00 | \$50.00 | \$8,750.00 | \$115.00 | \$20,125.00 |
| Total Part B | | | | | \$371,887.50 | | \$286,406.25 | | \$332,667.50 |
| Total Part A + Part B | | | | | \$2,016,237.50 | | \$1,542,506.25 | | \$1,833,925.00 |